

February 12, 2021

NMOCD District 1

1625 N French Drive

Hobbs, NM 88240

Re: Variance Request

Cimarex Energy Co. Hallertau #5 Battery

NMOCD Reference #: nAPP2101857967

To Whom It May Concern

RXSoil, Inc. is pleased to submit the variance request for the remediation of produced water impacted soil for the above release.

Sincerely,

Jace Caraway

**Chief Operating Officer** 

RXSoil, Inc.

(940) 210-2051

**Zach Robbins** 

**Technical and Engineering Analyst** 

RXSoil, Inc.

(210) 400-7645

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### I. Introduction

On behalf of Cimarex Energy Co., RXSoil, Inc. ("RXSoil") has prepared this variance request that describes remediation of the release at the Hallertau #5 tank battery (Coordinates: 32.06736, - 103.70277, Vicinity Map shown as *Figure 1*) in Lea County with reference number nAPP2101857967.

The C-141 is given in Appendix A.

### II. Site Assessment/Characterization

- 1. **Spill Map** See *Figure 2*
- 2. **Depth to ground water** The nearest water well is less than one mile to the west of the location with a depth to groundwater of 155 feet (see *Figure 3* for map and *Appendix B* for water well information).
- 3. **Wellhead protection area** There are no known water sources within a half mile of the release.
- 4. **Distance to nearest significant watercourse** There are no significant watercourses within a half mile of the release.
- 5. **Soil/waste characteristics** The release was delineated horizontally and vertically during excavation. Excavation was guided by field data, testing soil samples until results showed chloride levels below 600 mg/kg at the top four feet, per 19.15.29.13.D.1. Sidewall and bottom sample locations are shown in *Figure* 2 with a summary table given as *Appendix C*. Each sample represents less than 200 square feet. Excavation went vertically and horizontally until clean soil was found (600 mg/kg chloride per field testing at top four feet and 20,000 mg/kg below the top four feet per Table 1). Soil samples were submitted to Cardinal Laboratories and tested for chlorides, TPH and BTEX. All samples tested below Table 1 thresholds for projects with depth to groundwater >100 feet, except for those listed in **Section IV**. Results from these tests are summarized in *Appendix C* with the laboratory report shown in *Appendix D*.

### III. Closure Reporting

- 1. **Scaled site and sampling diagram** See *Figure 2* for excavation samples.
- 2. **Photographs of remediated site prior to backfill** See *Appendix E* for photographs of the site prior to backfill.
- 3. **Laboratory analyses of final sampling** See *Appendix D* for laboratory reports summarized in *Appendix B*.
- 4. **Description of all remedial activities** Excavation of contaminated material began based on the area affected by the spill. Sidewall samples were collected representing 200 square feet and field screened for chlorides. Excavation continued until all field screenings tested below threshold (600 mg/kg chloride at top four feet and 20,000 mg/kg below). Vertical excavation continued using the same process. Sample locations are shown in *Figure 2* while results are summarized in a table in *Appendix B*.

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

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

All lab reports of sampling can be found in *Appendix D*.

### IV. Variance Request

Sidewall samples ES11 and ES13 and bottom samples EB62, EB63 and EB64 were taken adjacent to equipment that prevented any further safe excavation. EB62, EB63 and EB64 were taken from a depth of 0.5 feet as a rock layer prevented further sampling and vertical excavation. Best efforts were made to remove all contaminated material including hydroexcavation. RXSoil is requesting a variance to defer the areas represented by these five samples.

At the request of the BLM, RXSoil is requesting a variance to place a 20-mil polyliner on the subsurface in the areas represented by samples EB45, EB59 and EB60 which tested at 2520 mg/kg, 2000 mg/kg and 6800 mg/kg chloride at a depth of four feet. The bottom of the plume was identified at six feet deep, per request of the BLM.

If approved, the liner will be installed and backfill will commence. A closure request will be prepared and submitted summarizing all remedial events.

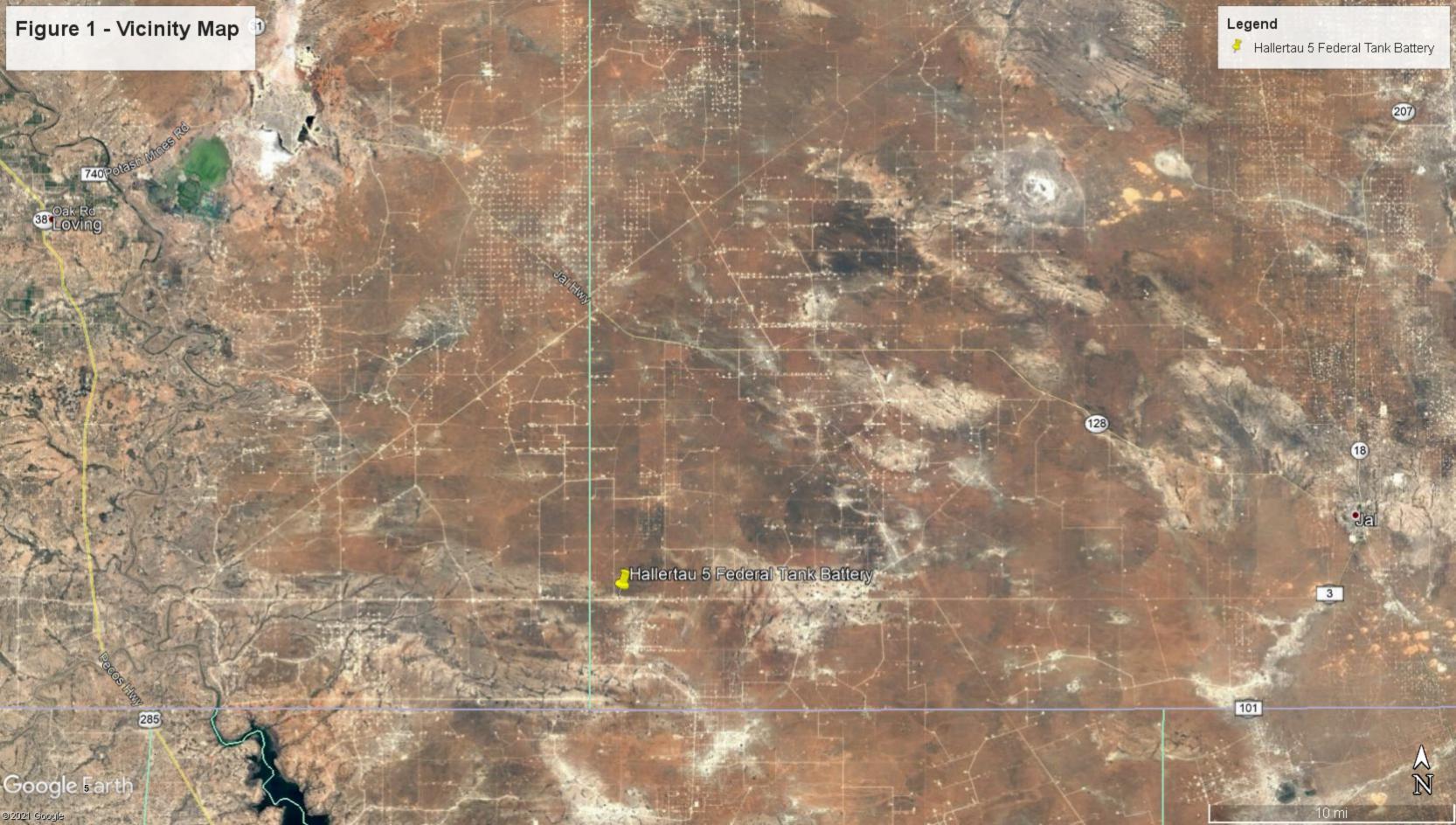
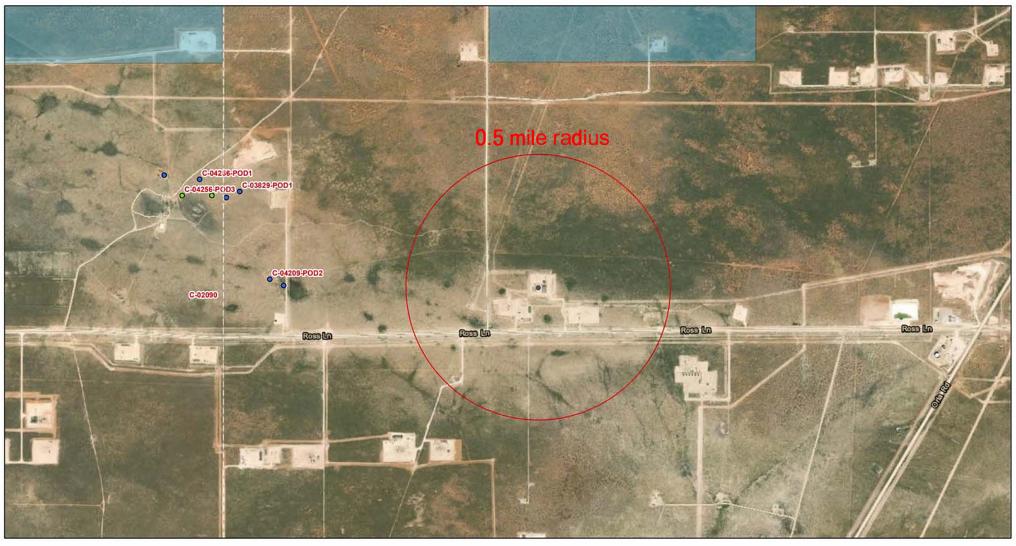
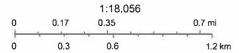




Figure 3 - Water Rights Map







USDA FSA, GeoEye, Maxar, Esti, HERE, iPC, U.S, Department of Energy Office of Legacy Management, Esti, HERE, Garmin, iPC

## **APPENDIX A**

C-141

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# State of New Mexico Oil Conservation Division

Incident ID	nAPP2101857967
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	155 (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 <b>not</b> 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 ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil
Characterization Report Checklist: Each of the following items must be included in the report.	
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well.	ls.
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 Photographs including date and GIS information Topographic/Aerial maps  Laboratory data including chain of custody	
Depth to water determination	
Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release	
Doring or excavation logs  Photographs including date and GIS information	
Topographic/Aerial maps	
Laboratory data including chain of custody	

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

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## State of New Mexico Oil Conservation Division

Incident ID	nAPP2101857967
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Application ID	

regulations all operators are required to report and/or file certain release no public health or the environment. The acceptance of a C-141 report by the failed to adequately investigate and remediate contamination that pose a the	otifications and perform corrective actions for releases which may endanger oCD does not relieve the operator of liability should their operations have areat to groundwater, surface water, human health or the environment. In
Printed Name: Laci Luig	Title: ESH Specialist
Signature: QQC	Date: 2/18/2021
email: lluig@cimarex.com	Telephone: (432) 208-3035
Printed Name: Laci Luig Title: ESH Specialist  Signature: Date: 2/18/2021	
OCD Only	
Received by:	Date:

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## State of New Mexico Oil Conservation Division

Incident ID	nAPP2101857967
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Application ID	

## **Remediation Plan**

Remediation Plan Checklist: Each of the following items m	nust be included in the plan.
<ul> <li>☑ Detailed description of proposed remediation technique</li> <li>☑ Scaled sitemap with GPS coordinates showing delineation</li> <li>☑ Estimated volume of material to be remediated</li> <li>☑ Closure criteria is to Table 1 specifications subject to 19.1</li> <li>☑ Proposed schedule for remediation (note if remediation plane)</li> </ul>	
Deferral Requests Only: Each of the following items must be	be confirmed as part of any request for deferral of remediation.
☑ Contamination must be in areas immediately under or arou deconstruction.	und production equipment where remediation could cause a major facility
☑ Contamination does not cause an imminent risk to human	health, the environment, or groundwater.
rules and regulations all operators are required to report and/or which may endanger public health or the environment. The act liability should their operations have failed to adequately investigations.	omplete to the best of my knowledge and understand that pursuant to OCD refile certain release notifications and perform corrective actions for releases exceptance of a C-141 report by the OCD does not relieve the operator of stigate and remediate contamination that pose a threat to groundwater, OCD acceptance of a C-141 report does not relieve the operator of local laws and/or regulations.
Printed Name: Laci Luig	Title: ESH Specialist
Signature: \( \lambda \tau' \)	Date: 2/18/2021
email: lluig@cimarex.com	Telephone: (432) 208-3035
OCD Only	
Received by:	Date:
☐ Approved ☐ Approved with Attached Condition	ons of Approval
Signature:	Date:

## **APPENDIX B**

## **NEARBY WATER WELL INFORMATION**

26S



## New Mexico Office of the State Engineer

# **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

06

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng X

C 04209 POD1 NA

620903 32E

3548619

**Driller License:** 1706 **Driller Company:** ELITE DRILLERS CORPORATION

**Driller Name: BRYCE WALLACE** 

**Drill Start Date:** 04/28/2018 **Drill Finish Date:** 

05/01/2018

Plug Date:

Shallow

Log File Date:

05/21/2018

PCW Rcv Date:

Source:

**Pump Type:** 

Pipe Discharge Size:

**Estimated Yield:** 

25 GPM

**Casing Size:** 

6.00

Depth Well:

360 feet

Depth Water:

155 feet

Water Bearing Stratifications:

Top **Bottom Description** 

15 350 Sandstone/Gravel/Conglomerate

**Casing Perforations:** 

Top **Bottom** 

360

200

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

2/5/21 1:42 PM

POINT OF DIVERSION SUMMARY

## **APPENDIX C**

## **EXCAVATION SUMMARY TABLE**

						Excavatio	n Data - Cim	arex Hallert	au						
Sample ID	Sample	Depth (ft)	Sample Date	Analyzed Date	Chlo	ride			втех (8021B	)			TPH (	B015M)	
	Type	Depart (III)		(Latest)	Field Strip	M4500	Benzene		thylbenzen			GRO	DRO	EXT DRO	C6-C35
ES1 ES2	Sidewall Sidewall	-	1/27/2021 1/27/2021	2/2/2021 2/2/2021	148 ND	160 224	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
ES3	Sidewall		1/27/2021	2/2/2021	224	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES4	Sidewall		1/27/2021	2/2/2021	ND	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES5 ES6	Sidewall Sidewall		1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	32.0 80.0	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
ES7	Sidewall		1/27/2021	2/2/2021	ND	48.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES8	Sidewall		1/27/2021	2/2/2021	148	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES9 ES10	Sidewall Sidewall		1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	32.0 80.0	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
ES11	Sidewall		1/27/2021	2/2/2021	2808	3080	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES12	Sidewall		1/27/2021	2/2/2021	628	592	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES13 ES14	Sidewall Sidewall		1/27/2021 1/27/2021	2/2/2021 2/2/2021	748 ND	<b>816</b> 192	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
ES15	Sidewall		1/27/2021	2/2/2021	ND	96.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES16	Sidewall		1/27/2021	2/2/2021	364	368	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES17 ES18	Sidewall Sidewall		1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	128 112	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
ES19	Sidewall		1/27/2021	2/2/2021	184	448	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES20	Sidewall		1/27/2021	2/2/2021	184	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
ES21 EB1	Sidewall Bottom	2.5	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	240 144	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	10.5 <10.0	<10.0 <10.0	10.5 <30.0
EB2	Bottom	2.5	1/27/2021	2/2/2021	ND	128	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB3	Bottom	2	1/27/2021	2/2/2021	268	256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB4 EB5	Bottom	2	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	128 144	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB6	Bottom	2	1/27/2021	2/2/2021	ND	96.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB7	Bottom	2	1/27/2021	2/2/2021	224	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB8 EB9	Bottom Bottom	2	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	96.0 112	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB10	Bottom	2.5	1/27/2021	2/2/2021	ND	64.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB11	Bottom	2	1/27/2021	2/2/2021	ND	176	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB12 EB13	Bottom Bottom	2	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	144 128	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB14	Bottom	2	1/27/2021	2/2/2021	ND	48.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB15	Bottom	2	1/27/2021	2/2/2021	184	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB16 EB17	Bottom Bottom	2.5	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	80.0 32.0	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB18	Bottom	2	1/27/2021	2/2/2021	ND	48.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB19	Bottom	2	1/27/2021	2/2/2021	ND	16.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB20 EB21	Bottom	2	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND ND	96.0 64.0	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB22	Bottom	2	1/27/2021	2/2/2021	ND	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB23	Bottom	2	1/27/2021	2/2/2021	ND	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB24 EB25	Bottom	2	1/27/2021 1/27/2021	2/2/2021 2/2/2021	ND 148	112 240	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB26	Bottom	4	1/28/2021	2/2/2021	1432	1360	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB27	Bottom	4	1/28/2021	2/2/2021	ND	80.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB28 EB29	Bottom Bottom	4	1/28/2021 1/28/2021	2/2/2021 2/2/2021	268 364	288 512	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB30	Bottom	4	1/28/2021	2/2/2021	364	464	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB31 EB32	Bottom	4	1/28/2021	2/2/2021 2/2/2021	1340 464	880 496	<0.050	<0.050 <0.050	<0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB32	Bottom Bottom	4	1/28/2021 1/28/2021	2/2/2021	516	656	<0.050	<0.050	<0.050 <0.050	<0.150	<0.300 <0.300	<10.0	<10.0	<10.0	<30.0
EB34	Bottom	4	1/28/2021	2/2/2021	876	1010	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB35 EB36	Bottom	4	1/28/2021	2/2/2021 2/2/2021	268 1252	384 1360	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB37	Bottom	2	1/28/2021 1/28/2021	2/2/2021	364	704	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB37	Bottom	4	2/4/2021	2/5/2021	-	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB38	Bottom	4	1/28/2021	2/2/2021	412	560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB39 EB40	Bottom	4	1/28/2021 1/28/2021	2/2/2021 2/2/2021	948 516	1340 528	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB41	Bottom	4	1/28/2021	2/2/2021	316	432	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB42	Bottom	4	1/28/2021	2/2/2021	464	496	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB43	Bottom	4	1/28/2021	2/2/2021	364	512	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB44 EB45	Bottom Bottom	4	1/28/2021	2/2/2021 2/2/2021	364 1988	512 2520	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB45	Bottom	6	2/9/2021	2/2/2021	1500	400	-0.030	-	-0.030	-0.130		-10.0	-	-10.0	
EB46	Bottom	4	1/28/2021	2/2/2021	688	976	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB47	Bottom	4	1/28/2021	2/2/2021	364	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB48	Bottom	4	1/28/2021	2/2/2021	268	416	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB49 EB50	Bottom	4	1/28/2021	2/2/2021 2/2/2021	948 ND	1180 160	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB51	Bottom	4	1/28/2021	2/2/2021	ND	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB52	Bottom	4	1/28/2021	2/2/2021	268	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB53	Bottom	4	1/28/2021	2/2/2021	ND 104	32.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB54 EB55	Bottom Bottom	4	1/28/2021 1/28/2021	2/2/2021 2/2/2021	184 ND	128 48.0	<0.050 <0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300	<10.0 <10.0	<10.0 <10.0	<10.0 <10.0	<30.0 <30.0
EB55	Bottom	4	1/28/2021	2/2/2021	184	1120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB57	Bottom	4	1/28/2021	2/2/2021	184	544	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB58	Bottom	4	1/28/2021	2/2/2021	ND 1340	224	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB59 EB59	Bottom Bottom	6	1/28/2021 2/9/2021	2/2/2021 2/11/2021	1340	2000 464	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB60	Bottom	4	1/28/2021	2/2/2021	6408	6800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB60	Bottom	6	2/9/2021	2/11/2021	204	416	-0.0F0	-0.050	-0.050	-0.150	-0.200	-100		-100	-20.0
EB61 EB62	Bottom Bottom	0.5	1/28/2021 1/28/2021	2/2/2021 2/2/2021	364 2240	416 <b>2760</b>	<0.050	<0.050 <0.050	<0.050 <0.050	<0.150 <0.150	<0.300 <0.300	<10.0 <10.0	<10.0 44.4	<10.0 <10.0	<30.0 44.4
EB63	Bottom	0.5	1/28/2021	2/2/2021	3064	4640	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
EB64	Bottom	0.5	1/28/2021	2/2/2021	7536	10000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0
NMOCD T		e results abo	DDA!			600	10				50				100

BOLD results indicate results above RRAL

Orange fill indicates the outer wall or bottom of excavation

ND indicates "non-detectable" results that were below method limitations
All units in my/kg unless otherwise noted

- indicates no test was ran

## **APPENDIX D**

## **LABORATORY REPORTS**



February 03, 2021

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

RE: HALLERTAN #5

Enclosed are the results of analyses for samples received by the laboratory on 01/29/21 16:40.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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



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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 1 (H210229-01)

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	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/02/2021	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*	<10.0	10.0	02/01/2021	ND	169	84.4	200	7.62	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	170	85.2	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	97.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.8	% 42.2-15	6						

### Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 2 (H210229-02)

BTEX 8021B	mg/kg		Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/02/2021	ND	400	100	400	0.00	
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	02/01/2021	ND	169	84.4	200	7.62	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	170	85.2	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	94.4	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 3 (H210229-03)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/02/2021	ND	400	100	400	0.00	
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	02/01/2021	ND	169	84.4	200	7.62	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	170	85.2	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	90.6	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	91.1	% 42.2-15	6						

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Celeg D. Keene



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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E S - 4.2 (H210229-04)

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	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/02/2021	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/01/2021	ND	169	84.4	200	7.62	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	170	85.2	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	86.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.2	% 42.2-15	6						

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Celeg D. Keene



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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E S - 5.2 (H210229-05)

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	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2021	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*	<10.0	10.0	02/01/2021	ND	169	84.4	200	7.62	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	170	85.2	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	91.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.8 9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E S - 6.2 (H210229-06)

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	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2021	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*	<10.0	10.0	02/01/2021	ND	169	84.4	200	7.62	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	170	85.2	200	7.52	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	96.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	96.1	% 42.2-15	6						

#### Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 7.3 (H210229-07)

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	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	89.6	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: E S - 8.2 (H210229-08)

RTFY 8021R

B1EX 8021B	mg/	кg	Anaiyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	96.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.7	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: E S - 9.2 (H210229-09)

RTFY 8021R

BIEX 8021B	mg/	кg	Anaiyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	97.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	102	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 10.2 (H210229-10)

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	02/01/2021	ND	2.08	104	2.00	4.93	
Toluene*	<0.050	0.050	02/01/2021	ND	2.00	99.8	2.00	4.74	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	1.96	97.9	2.00	5.72	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	5.82	97.0	6.00	5.41	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	89.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	95.9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/29/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 11.3 (H210229-11)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3080	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	97.2	% 42.2-15	6						

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Celey D. Kune



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

Received: 01/29/2021 Sampling Date: 01/29/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E S - 12.3 (H210229-12)

BTEX 8021B	mg/	/kg	Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 73.3-12	19						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	02/02/2021	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	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	99.2	% 42.2-15	6						

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Received: 01/29/2021 Sampling Date: 01/29/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: **NOT GIVEN** 

### Sample ID: E S - 13.3 (H210229-13)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.2	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/29/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 14.2 (H210229-14)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	97.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.6	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/29/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E S - 15.3 (H210229-15)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	96.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.7	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E S - 16 (H210229-16)

BTEX 8021B	mg,	/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	96.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

### Sample ID: E S - 17 (H210229-17)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2021	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	107	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

### Sample ID: E S - 18 (H210229-18)

RTFY 8021R

B1EX 8021B	тд/кд		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/02/2021	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	103	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/29/2021

Reported: 02/03/2021 Sampling Type: Soil
Project Name: HALLERTAN #5 Sampling Condition: Cool 8

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E S - 19.3 (H210229-19)

Analyte	mg/kg		Analyzed By: ms						
	Result	Reporting Limit	Analyzed	Method Blank	BS % Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	02/02/2021	ND	400	100	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	104	% 42.2-15	6						

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Celeg D. Freene



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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E S - 20 (H210229-20)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	101 9	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	104 9	6 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E S - 21 (H210229-21)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	10.5	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	96.6	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: NOT GIVEN

#### Sample ID: E B - 1.2 (H210229-22)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	108	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

#### Sample ID: E B - 2.2 (H210229-23)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	98.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	103	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: NOT GIVEN

#### Sample ID: E B - 3 (H210229-24)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	97.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 4 (H210229-25)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	98.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Freene



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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 5 (H210229-26)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	177	88.7	200	8.78	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	170	85.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	88.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.1	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: NOT GIVEN

#### Sample ID: E B - 6 (H210229-27)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2021	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*	<10.0	10.0	02/01/2021	ND	183	91.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	197	98.6	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	99.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	103	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: NOT GIVEN

#### Sample ID: E B - 7 (H210229-28)

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	19						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2021	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	02/01/2021	ND	183	91.3	200	3.67	
DRO >C10-C28*	<10.0	10.0	02/01/2021	ND	197	98.6	200	14.0	
EXT DRO >C28-C36	<10.0	10.0	02/01/2021	ND					
Surrogate: 1-Chlorooctane	90.7	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	92.5	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 8 (H210229-29)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	90.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.2	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: Celey D. Keene NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 9 (H210229-30)

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	02/01/2021	ND	2.07	104	2.00	6.30	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	7.07	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	107	2.00	7.44	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.70	112	6.00	6.64	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	89.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.2	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 10.2 (H210229-31)

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	02/01/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/01/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/01/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/01/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/01/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	93.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	95.0	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil Project Name: HALLERTAN #5

Sampling Condition: Cool & Intact Project Number: Sample Received By: Celey D. Keene NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 11 (H210229-32)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	89.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.8	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: Celey D. Keene NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 12 (H210229-33)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	< 0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	96.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	96.1	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

#### Sample ID: E B - 13 (H210229-34)

RTFY 8021R

BIEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2021	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	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	99.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: Celey D. Keene NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 14 (H210229-35)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.4	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 15 (H210229-36)

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/02/2021	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	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	88.5	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 16.2 (H210229-37)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	102	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 17 (H210229-38)

BTEX 8021B	mg,	/kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	96.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	93.5	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: Celey D. Keene NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 18 (H210229-39)

BTEX 8021B	mg/	kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	100 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	97.5	% 42.2-15	6						

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Celey D. Keene

Sample Received By:



# Analytical Results For:

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil
Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact

Project Location: NOT GIVEN

NONE GIVEN

#### Sample ID: E B - 19 (H210229-40)

Project Number:

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	94.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	92.9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 20 (H210229-41)

BTEX 8021B	mg/	mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	99.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.6	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 21 (H210229-42)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/02/2021	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	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	93.2	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	92.5	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 22 (H210229-43)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	93.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	91.0	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 23 (H210229-44)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
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	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	99.3	% 42.2-15	6						

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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 24 (H210229-45)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	170	84.9	200	9.64	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	174	87.1	200	8.81	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	99.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/27/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 25 (H210229-46)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	QR-03
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	108	% 42.2-15	6						

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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

#### Sample ID: E B - 26.2 (H210229-47)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/02/2021	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*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	101	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	107	% 42.2-15	6						

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Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 27.2 (H210229-48)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	< 0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	96.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	102 9	% 42.2-15	6						

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Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 28.2 (H210229-49)

BTEX 8021B	mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	71.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.0	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 29.2 (H210229-50)

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	02/02/2021	ND	2.13	106	2.00	7.58	
Toluene*	<0.050	0.050	02/02/2021	ND	2.16	108	2.00	5.97	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.15	108	2.00	6.20	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.80	113	6.00	7.34	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	77.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.7	% 42.2-15	6						

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Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 30.2 (H210229-51)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 %	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	77.1 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	77.4 9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

#### Sample ID: E B - 31.2 (H210229-52)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	02/02/2021	ND	400	100	400	3.92	
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	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	75.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.1	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 32.2 (H210229-53)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/02/2021	ND	400	100	400	3.92	
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	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	81.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	82.8	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

#### Sample ID: E B - 33.2 (H210229-54)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	75.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.4	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

#### Sample ID: E B - 34.2 (H210229-55)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	74.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	77.3	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 35 (H210229-56)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	77.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	79.4	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 36.2 (H210229-57)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	75.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.4	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 37 (H210229-58)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	75.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: E B - 38.2 (H210229-59)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.5	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 39.2 (H210229-60)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	81.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	85.9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 40.2 (H210229-61)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	< 0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/02/2021	ND	400	100	400	3.92	
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	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	86.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.8	% 42.2-15	6						

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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 41.2 (H210229-62)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	81.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.8	% 42.2-15	6						

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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 42.2 (H210229-63)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	76.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.4	% 42.2-15	6						

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Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 43.2 (H210229-64)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.5	% 42.2-15	6						

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Celeg D. Freene



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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 44 (H210229-65)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	173	86.6	200	6.25	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	164	81.8	200	5.85	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	71.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.8	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil
Project Name: HALLERTAN #5 Sampling Condition: Cool

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: MC

Project Location: NOT GIVEN

ma/ka

### Sample ID: E B - 45.2 (H210229-66)

RTFY 8021R

BIEX 8021B	mg	кд	Anaiyze	ea By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	02/02/2021	ND	400	100	400	3.92	
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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	71.3	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 46.2 (H210229-67)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	02/02/2021	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.2 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	70.8 9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 47.2 (H210229-68)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	74.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	66.6	% 42.2-15	6						

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Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: Celey D. Keene NONE GIVEN

Project Location: **NOT GIVEN** 

### Sample ID: E B - 48 (H210229-69)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	73.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	66.9	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 49.2 (H210229-70)

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	02/02/2021	ND	2.12	106	2.00	4.35	
Toluene*	<0.050	0.050	02/02/2021	ND	2.06	103	2.00	4.63	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.02	101	2.00	5.26	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	5.94	99.0	6.00	5.25	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	78.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	72.6	% 42.2-15	6						

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Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Celey D. Keene Project Number: NONE GIVEN

Project Location: **NOT GIVEN** 

### Sample ID: E B - 50.2 (H210229-71)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	77.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	69.4	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 51 (H210229-72)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.9	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	75.5	% 42.2-15	6						

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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 52 (H210229-73)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	71.0	% 42.2-15	6						

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FORT WORTH TX, 76102
Fax To: NA

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 53 (H210229-74)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/02/2021	ND	416	104	400	3.92	
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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	86.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	83.2	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil
Project Name: HALLERTAN #5 Sampling Condition: Cool &

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

### Sample ID: E B - 54.2 (H210229-75)

RTFY 8021R

B1EX 8021B	mg,	кg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	85.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.0	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 55 (H210229-76)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	77.6	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	72.6	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E B - 56 (H210229-77)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.5	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E B - 57 (H210229-78)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.8	% 42.2-15	6						

Cardinal Laboratories \*=Accredited Analyte

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 58 (H210229-79)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.6	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 59 (H210229-80)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	84.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	79.6	% 42.2-15	6						

Surrogate: 1-Chlorooctadecane /9.6 % 42.2-136

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Analyzed By: me

Project Location: NOT GIVEN

ma/ka

### Sample ID: E B - 60 (H210229-81)

RTFY 8021R

B1EX 8021B	mg,	r Kg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6800	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	84.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.1	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E B - 61 (H210229-82)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	81.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	77.1	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: NOT GIVEN

### Sample ID: E B - 62 (H210229-83)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	44.4	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	74.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	71.8	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E B - 63 (H210229-84)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	82.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.6	% 42.2-15	6						

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

Received: 01/29/2021 Sampling Date: 01/28/2021

Reported: 02/03/2021 Sampling Type: Soil

Project Name: HALLERTAN #5 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: **NOT GIVEN** 

### Sample ID: E B - 64 (H210229-85)

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	02/02/2021	ND	2.05	102	2.00	3.44	
Toluene*	<0.050	0.050	02/02/2021	ND	2.11	105	2.00	2.19	
Ethylbenzene*	<0.050	0.050	02/02/2021	ND	2.10	105	2.00	2.46	
Total Xylenes*	<0.150	0.150	02/02/2021	ND	6.62	110	6.00	2.07	
Total BTEX	<0.300	0.300	02/02/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	02/02/2021	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	02/02/2021	ND	229	115	200	1.66	
DRO >C10-C28*	<10.0	10.0	02/02/2021	ND	235	117	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	02/02/2021	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.8	% 42.2-15	6						

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### **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.

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

ecovery.

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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Ty.	Fax #:	Address:		
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Project Location:		Pilote #.		
ampler Name:	Matt	Fax #:		
Sampler Name:		MATRIX PRESERV	SAMPLING	
Lab I.D.	Sample I.D.	RAB OR (C)OMP. ONTAINERS OUNDWATER STEWATER IL JDGE HER: ID/BASE: E/COOL HER:		
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PLEASE NOTE: Liability &	nd Damages. Cardinal's liability and client's exc o those for negligence and any other cause w	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contact which the Cardinal within 30 days after completion of the applicable PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in remaining and received by Cardinal within 30 days after completion of the applicable place. All relative is not provided the control of the applicable	ed by Cardinal within 30 days after completion of the applicable use, or loss of profits incurred by client, its substitiaties, use, or loss of profits incurred by client, its substitiaties.	
analyses. All claims including those for incidental service. In no event shall Cardinal be lable for incidental affiliates or successors arising out of or related to the or	Cardinal be liable for incidental or consequental cardinal be liable for incidental or consequental including out of or related to the performance of service.	or consequental damages, including without imitation, business are represented by control monthless of whether such claim is based unto informance of services beautiful by control from the control for the c	Phone Result: Yes I No Add'l Phone #:	***************************************
Relinquished By:	Date:	Received by: MMM	□ Yes □ No	
Relingdished By	Date:			
Delivered Bv	Delivered Bv: (Circle One)	Sample Condition (lightlags)		
Sampler - UPS	- Bus - Other:	***		



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

(575) 393-2326 FAX (5/5) 393-24	93-2410	3	ANALYSIS DECLIEST
ompany Name: KX SQ		BILL TO	ANALIGIO
	P.O.	*	
dress:	Com	Company:	
State:	Zip: Attn:		
hone #: Fax #:	Addi	Address:	
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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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

Company Name: KX SQ'	81	BILL TO	A	ANALYSIS REQUEST
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

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

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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476



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February 05, 2021

HAYES ADAMS

RX-SOIL INC.

201 MAIN STREET, SUITE 1360

FORT WORTH, TX 76102

RE: HALLERTAN #5

Enclosed are the results of analyses for samples received by the laboratory on 02/04/21 9:37.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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: 02/04/2021 Sampling Date: 02/04/2021

Reported: 02/05/2021 Sampling Type: Soil

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

Project Location: CIMAREX

# Sample ID: Eb - 37.2 (H210279-01)

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	02/05/2021	ND	1.99	99.5	2.00	6.51	
Toluene*	<0.050	0.050	02/05/2021	ND	1.94	96.8	2.00	6.66	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	1.89	94.6	2.00	6.69	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	5.54	92.3	6.00	6.40	
Total BTEX	<0.300	0.300	02/05/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/04/2021	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*	<10.0	10.0	02/04/2021	ND	219	110	200	6.10	
DRO >C10-C28*	<10.0	10.0	02/04/2021	ND	212	106	200	4.55	
EXT DRO >C28-C36	<10.0	10.0	02/04/2021	ND					
Surrogate: 1-Chlorooctane	76.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.4	% 42.2-15	6						

# Cardinal Laboratories \*=Accredited Analyte

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Celey 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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Celeg D. Freene



Company Name:	(XSOI)			BIL	BILL TO				A	ANALYSIS		REQUEST	IEST	-		
Project Manager:	torcs Molams			P.O. #:		1		4	4	-			-	+	1	+
Address:	C ,		£0	Company:												_
City:	State:	Zip:	8	Attn:							_					
Phone #:	Fax #:			Address:	14.				18			,	y ×			
Project #:	Project Owner:	ier:		City:												
Project Name:	Imerax				Zip:					10		-				
Project Location:	Hallerbay #5			Phone #:									10			×
Sampler Name: Ho				Fax #:	¥		,						_			
FOR LAB USE ONLY	C		MATRIX	PRESERV.	SAMPLING		5									
Lab I.D.	Sample I.D.	B OR (C)OMP	NTAINERS JNDWATER EWATER	R: BASE: COOL		TPH .	ter	oter	* * * * * * * * * * * * * * * * * * * *			7				
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			,											1		

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Observed Temp. °C 5.6 Corrected Temp. °C

Sample Condition
Cool Intact
Tyes Tyes
No No

CHECKED BY: (Initials)

Turnaround Time:

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Yes Yes
No Corrected Temp. °C

Corrected Temp. °C

Time: Date: Time: 9: 77 A

Received By:

All Results are emailed. Please provide Email address:

☐ Yes ☐ No Add'l Phone #:

Verbal Result:

Received By:

REMARKS:

Relinquished By:

Relinquished By:



February 11, 2021

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

RE: HALLERTAN #5

Enclosed are the results of analyses for samples received by the laboratory on 02/09/21 15:00.

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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> 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

02/09/2021

Soil



# Analytical Results For:

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

Received: 02/09/2021 Sampling Date:
Reported: 02/11/2021 Sampling Type:

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

Project Location: CIMAREX

Sample ID: EB - 45.3 (H210334-01)

Chloride, SM4500Cl-B Analyzed By: GM mg/kg Reporting Limit Analyzed Method Blank BS % Recovery True Value OC RPD Oualifier Analyte Result 400 400 Chloride 16.0 02/11/2021 ND 100 400 3.92

Sample ID: EB - 59.3 (H210334-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 464 16.0 02/11/2021 ND 400 100 400 3.92

Sample ID: EB - 60.3 (H210334-03)

Chloride, SM4500Cl-B Analyzed By: GM mg/kg Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 16.0 02/11/2021 ND 400 3.92 416 400 100

Cardinal Laboratories \*=Accredited Analyte

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

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Celeg D. Freene

101 East Marland, Hobbs, NW 90240 (575) 393-2326 FAX (575) 393-2476		ANALYSIS REOLIEST
	BILL TO	ANALISIS NEWOLO
Company Name: (XXSo)		
Project Manager: Watt	P.O. #:	
	Company:	
Address:	Atto.	

	(575) 393-2326 FAX (575) 393-2476		ANALYSIS REQUEST
ompany Name:	RXSoil		
roject Manager:	Matt Longuise	P.O. #:	
ddress:		Company:	
itv:	State: Z	Zip: Attn:	
hone #:	Fax #:	Address:	
roject #:	Project Owner:	city:	
roject Name:	Huller tan #5	State: Zip:	
roject Location:		Phone #:	
sampler Name:	Math	Fax #:	SAMPLING
FOR LAB USE ONLY		R MAIRIX	
Lab I.D.	Sample I.D.	PARABOR (C)ONCONTAINERS ROUNDWATER ASTEWATER DIL LUDGE THER: CID/BASE: CE / COOL THER:	TIME (hlor
H210354	ER-45.3	# S S S S S S S S S S S S S S S S S S S	_
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PLEASE NOTE: Liability and analyses. All claims including	Damages. Cardinal's liability and client's exclusive remedy for an those for negligence and any other cause whatsoever shall be of those for negligence and any other cause whatsoever shall be did the control of consequential damages. Including	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 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.	nt paid by the client for the ys after completion of the applicable ed by client, its subsidiaries.
affiliates or successors arising Relinquished By:	affiliates or successors arising out of or related to the performance of services hereunder by C.  Relinquished By:  Date:  All  Time:	te: Received By:	Verbal Result:   Yes   No   Add'l Phone #:  All Results are emailed. Please provide Email address:
Relinquished By	Date:	Received By:	
Delivered By: (Circle One)	rcle One) Observed Temp. °C 5.2	Sample Condition CHE	Turnaround Time: Standard  ■ Bacteria (only) S  Rush
Sampler - UPS - Bus - Other:	Bus - Other: Corrected Temp. °C	No No	Correction Factor None No Corrected Temp. C

# **APPENDIX E**

# **SITE PHOTOGRAPHS**





RXSoil, Inc. 201 Main St. Ste. 1360, Fort Worth, TX 76102

# **END OF REPORT**