

Incident ID	nAB1905153070
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: Wesley Mathews Title: EHS Professional
Signature: Wesley Mathews Date: 6/7/2021
email: Wesley.Mathews@dvn.com Telephone: 575-746-5549

OCD Only

Received by: Chad Hensley Date: 07/13/2021

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

Closure Approved by: Chad Hensley Date: 07/13/2021
Printed Name: Chad Hensley Title: Environmental Specialist Advanced

**Devon Energy Production Company
Thistle Unit #44H**

**Closure Report
U/L N, Section 33, T23S, R33E
Lea County, New Mexico
NAB1905153070 &
NRM2003159278,**

June 11, 2021



Prepared for:

**Devon Energy Production Company
6488 Seven Rivers Hwy
Artesia, New Mexico 88211**

By:

**Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240**

Company Contacts

Representative	Company	Telephone	E-mail
Wesley Mathews	Devon Energy	575-746-5549	Wesley.Mathews@dvn.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

Background

Safety and Environmental Solutions, Inc., hereinafter referred to as (SESI) was contracted by Devon Energy to assess two spills at the Thistle Unit #44 location. This site is situated in U/L N, Section 33, Township 23S, and Range 33E in Lea County, NM.

According to the C-141 for incident NAB1905153070, the dump was stuck open causing the free water knockout to pop off which resulted in a 4 bbls release of oil and an 18.38 bbls release of produced water. A vacuum truck was dispatched to recover all free-standing fluids.

Incident NRM2003159278 was caused by a line leak in the heater treater water dump line releasing 32.9 bbls of produced water. A vacuum truck was dispatched to recover all free-standing fluids.

Both incidents were fully delineated and a work plan was submitted to NMOCD. Victoria Venegas of NMOCD approved the workplan for both incidents on 6/12/2020 with conditions. The approval pages and conditions of approval are included in this report. Both leak areas were remediated to the most stringent criteria set forth by NMOCD in NMAC 19.15.29.

Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 3,000 feet of this release. The New Mexico Office of the State Engineer records indicates the average depth to groundwater for the area to around 150' bgs; however, since no wells less than 25 years old and less than a half mile away are known to be present, SESI delineated and remediated this release to the most stringent criteria established by NMOCD.

Remediation

Based on the recommendation of NMOCD in the conditional approval of the workplan, SESI, along with a subcontractor, excavated and disposed of 620 yd³ of contaminated soil using a backhoe, shovels, and belly dumps. The soil was disposed of in an OCD-approved landfill. Excavation depths and areas are outlined in the map included in this report. Confirmation samples were obtained, properly packaged and preserved, and sent to Hall Environmental Laboratories for testing. The results of the confirmation samples are summarized in the table below:

Devon Energy Thistle Unit #44 Soil Sample Results: Hall Environmental Laboratories 3/15/21-3/24/21								
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP1 BOTTOM 2'	170	ND	ND	ND	ND	ND	ND	ND
SP2 BOTTOM 2'	ND	ND	ND	ND	ND	ND	ND	ND
SP3 BOTTOM 2'	ND	ND	ND	ND	ND	ND	ND	ND
SP4 BOTTOM 2'	ND	ND	ND	ND	ND	ND	ND	ND
SP5 BOTTOM 2'	ND	ND	ND	ND	ND	ND	ND	ND
SP6 BOTTOM 2'	ND	25	ND	ND	ND	ND	ND	ND
SP7 BOTTOM 2'	ND	ND	ND	ND	ND	ND	ND	ND
SP8 NORTH WALL	120	ND	ND	ND	ND	ND	ND	ND
SP9 WEST WALL	120	ND	ND	ND	ND	ND	ND	ND
SP10 EAST WALL	120	ND	ND	ND	ND	ND	ND	ND
SP11 SOUTH WALL	120	ND	ND	ND	ND	ND	ND	ND
SP12 BOTTOM 2'	190	ND	ND	ND	ND	ND	ND	ND
SP13 BOTTOM 2'	170	ND	ND	ND	ND	ND	ND	ND
SP14 NORTH WALL	170	ND	ND	ND	ND	ND	ND	ND
SP15 BOTTOM 2'	200	ND	ND	ND	ND	ND	ND	ND
SP16 BOTTOM 2'	180	ND	ND	ND	ND	ND	ND	ND
SP17 BOTTOM 2'	170	ND	ND	ND	ND	ND	ND	ND
SP18 BOTTOM 2'	170	ND	ND	ND	ND	ND	ND	ND
SP19 SOUTH WALL	130	ND	ND	ND	ND	ND	ND	ND
SP20 NORTH WALL	130	ND	ND	ND	ND	ND	ND	ND
SP21 NORTH WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP22 SOUTH WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP23 EAST WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP24 BOTTOM 1.5'	ND	ND	ND	ND	ND	ND	ND	ND
SP25 SOUTH WAL	ND	ND	ND	ND	ND	ND	ND	ND
SP26 BOTTOM 1.5'	170	ND	ND	ND	ND	ND	ND	ND
SP27 EAST WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP28 BOTTOM 1.5'	180	ND	ND	ND	ND	ND	ND	ND
SP29 NORTH WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP30 WEST WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP31 BOTTOM 1.5'	360	ND	ND	ND	ND	ND	ND	ND
SP32 EAST WALL	ND	ND	ND	ND	ND	ND	ND	ND
SP33 BOTTOM 1'	ND	ND	ND	ND	ND	ND	ND	ND
SP34 BOTTOM 8"	230	ND	ND	ND	ND	ND	ND	ND
SP35 BOTTOM 8"	230	ND	ND	ND	ND	ND	ND	ND
SP36 BOTTOM 8"	ND	ND	ND	ND	ND	ND	ND	ND
SP37 SURFACE	220	ND	ND	ND	ND	ND	ND	ND
SP38 SURFACE	270	ND	ND	ND	ND	ND	ND	ND

Once sample results verified the remediation was successful, the site was backfilled with 640 yds³ of clean soil. Pictures of the remediation are included in this report.

Closure Request

Based on the confirmation sample results, SESI believes the release areas to be properly remediated according to the closure criteria set forth in Table I of the Spill Rule 19.15.29 NMAC. Therefore, SESI, on behalf of Devon respectfully requests closure of these releases. Supplemental information has been included in this report to support our closure request.

Supplemental Documentation for Closure

Workplan approval pages with email outlining conditions of approval
Map of Release with sample locations
Photos of remediation
Laboratory Analysis
C-141s, page 6

Incident ID	nAB1905153070
District RP	1RP-5372
Facility ID	
Application ID	pAB1905151532

Remediation Plan

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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 6/12/2020

email: tom.bynum@dvn.com Telephone: 575-748-0176

OCD Only

Received by: Victoria Venegas Date: 06/12/2020

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: [Signature] Date: 07/23/2020

Incident ID	NRM2003159278
District RP	
Facility ID	
Application ID	

Remediation Plan

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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Tom Bynum Title: EHS Consultant

Signature: Tom Bynum Date: 6/12/2020

email: tom.bynum@dv.com Telephone: 575-748-0176

OCD Only

Received by: Victoria Venegas Date: 06/12/2020

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: [Signature] Date: 07/23/2020

"You may THINK your goal cannot be achieved...but you won't KNOW until you try."

From: Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>

Sent: Thursday, July 23, 2020 2:41:55 PM

To: Bynum, Tom (Contract) <Tom.Bynum@dmv.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>

Cc: Mann, Ryan <rmann@slo.state.nm.us>; Bob Allen <ballen@sesi-nm.com>; DeHoyos, Kendra <Kendra.DeHoyos@dmv.com>

Subject: [EXTERNAL] NRM2003159278 THISTLE UNIT #44H @ 30-025-41032 NAB1905153070 THISTLE UNIT #044H @ 30-025-41032 1RP-5372

NRM2003159278 THISTLE UNIT #44H @ 30-025-41032

NAB1905153070 THISTLE UNIT #044H @ 30-025-41032 1RP-5372

Mr. Bynum,

The OCD has approved the Site Characterization and Remediation Plan for incident #: NRM2003159278 THISTLE UNIT #44H @ 30-025-41032 / NAB1905153070 THISTLE UNIT #044H @ 30-025-41032 1RP-5372 with the following conditions of approval:

- The responsible party has chosen to remediate to the most stringent levels listed in Table 1 in lieu of drilling to determine the depth to groundwater.
- Regarding the **Release Area 1** NAB1905153070/1RP-5372 and a possible deferral request, please be advised that the Division is no longer approving deferrals for releases that occurred in an area with a groundwater depth of less than 50 feet bgs. Less than 50 feet depth to groundwater is the depth that the OCD has decided will result in imminent risk to human health, the environment, or groundwater.

The signed C-141 can be found in the online image data base under the incident #.

Thank you,

Victoria Venegas

State of New Mexico

Energy, Minerals, and Natural Resources

Oil Conservation Division

811 S. First St., Artesia NM 88210

(575) 748-1283

Victoria.Venegas@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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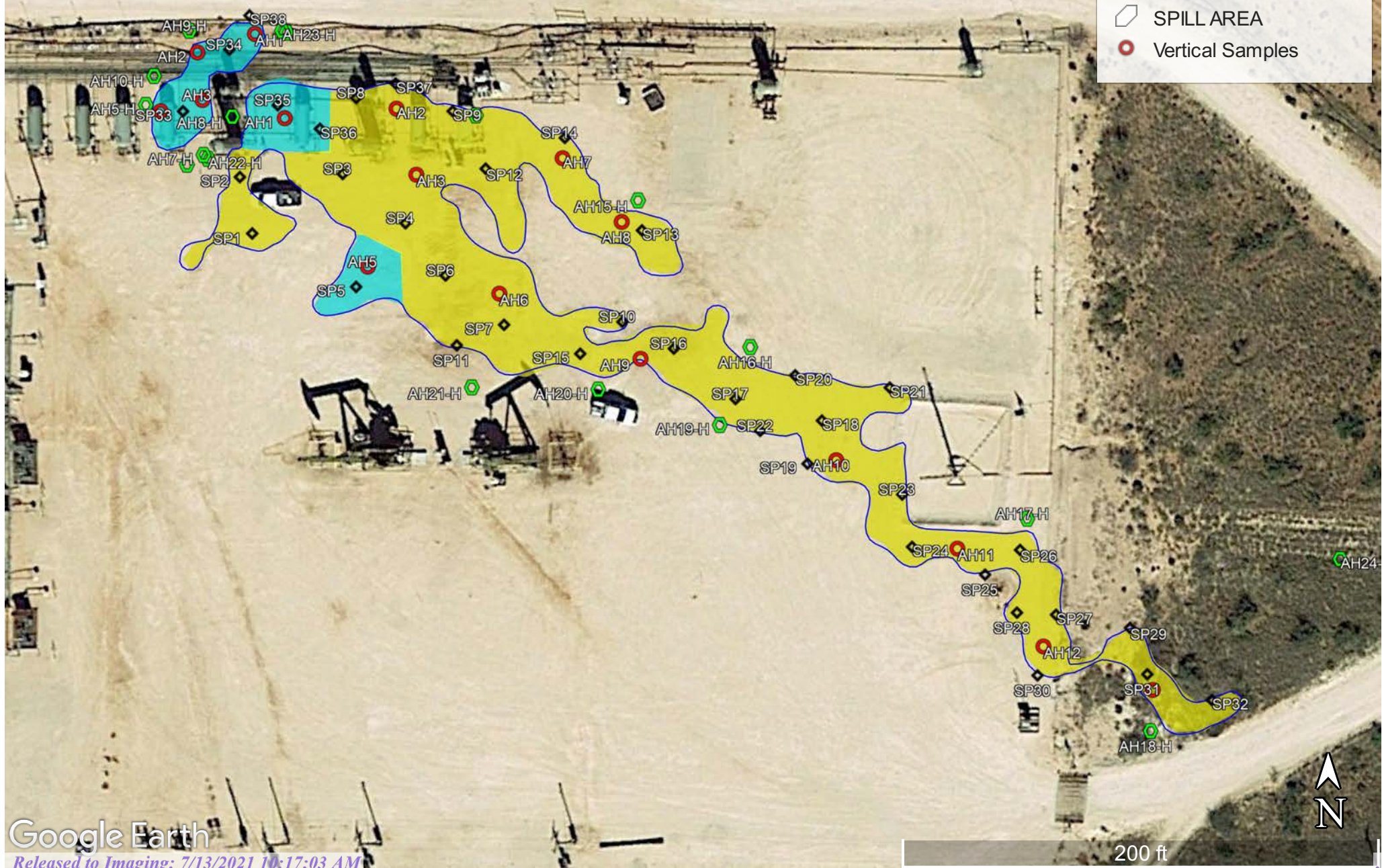
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Devon, Thistle Unit #44

DEV-19-009
NAB1905153070
NRM2003159278

Legend

- 1 ft excavation
- 2 ft excavation
- Confirmation Samples
- Horizontal Samples
- SPILL AREA
- Vertical Samples

















Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

March 30, 2021

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX: (575) 393-4388

RE: Devon Thistle 44

OrderNo.: 2103A14

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 20 sample(s) on 3/20/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-1 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/15/2021 11:20:00 AM**Lab ID:** 2103A14-001**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	3/26/2021 2:30:44 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/25/2021 9:19:40 PM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/25/2021 9:19:40 PM	58917
Surr: DNOP	108	70-130		%Rec	1	3/25/2021 9:19:40 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/25/2021 2:02:00 PM	58913
Surr: BFB	96.1	75.3-105		%Rec	1	3/25/2021 2:02:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 2:02:00 PM	58913
Toluene	ND	0.050		mg/Kg	1	3/25/2021 2:02:00 PM	58913
Ethylbenzene	ND	0.050		mg/Kg	1	3/25/2021 2:02:00 PM	58913
Xylenes, Total	ND	0.099		mg/Kg	1	3/25/2021 2:02:00 PM	58913
Surr: 4-Bromofluorobenzene	86.8	80-120		%Rec	1	3/25/2021 2:02:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-2 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/15/2021 11:45:00 AM**Lab ID:** 2103A14-002**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	3/26/2021 2:43:06 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/25/2021 9:55:26 PM	58917
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/25/2021 9:55:26 PM	58917
Surr: DNOP	123	70-130		%Rec	1	3/25/2021 9:55:26 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/25/2021 3:01:00 PM	58913
Surr: BFB	94.0	75.3-105		%Rec	1	3/25/2021 3:01:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 3:01:00 PM	58913
Toluene	ND	0.050		mg/Kg	1	3/25/2021 3:01:00 PM	58913
Ethylbenzene	ND	0.050		mg/Kg	1	3/25/2021 3:01:00 PM	58913
Xylenes, Total	ND	0.099		mg/Kg	1	3/25/2021 3:01:00 PM	58913
Surr: 4-Bromofluorobenzene	84.4	80-120		%Rec	1	3/25/2021 3:01:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order 2103A14

Date Reported: 3/30/2021

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-3 2ft Bottom

Project: Devon Thistle 44

Collection Date: 3/15/2021 12:40:00 PM

Lab ID: 2103A14-003

Matrix: SOIL

Received Date: 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/26/2021 2:55:26 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/25/2021 10:07:13 PM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/25/2021 10:07:13 PM	58917
Surr: DNOP	113	70-130		%Rec	1	3/25/2021 10:07:13 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/25/2021 4:01:00 PM	58913
Surr: BFB	96.5	75.3-105		%Rec	1	3/25/2021 4:01:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 4:01:00 PM	58913
Toluene	ND	0.048		mg/Kg	1	3/25/2021 4:01:00 PM	58913
Ethylbenzene	ND	0.048		mg/Kg	1	3/25/2021 4:01:00 PM	58913
Xylenes, Total	ND	0.096		mg/Kg	1	3/25/2021 4:01:00 PM	58913
Surr: 4-Bromofluorobenzene	88.8	80-120		%Rec	1	3/25/2021 4:01:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-4 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/15/2021 1:10:00 PM**Lab ID:** 2103A14-004**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/26/2021 3:32:32 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	3/25/2021 10:19:14 PM	58917
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/25/2021 10:19:14 PM	58917
Surr: DNOP	117	70-130		%Rec	1	3/25/2021 10:19:14 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/25/2021 4:20:00 PM	58913
Surr: BFB	96.3	75.3-105		%Rec	1	3/25/2021 4:20:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 4:20:00 PM	58913
Toluene	ND	0.049		mg/Kg	1	3/25/2021 4:20:00 PM	58913
Ethylbenzene	ND	0.049		mg/Kg	1	3/25/2021 4:20:00 PM	58913
Xylenes, Total	ND	0.099		mg/Kg	1	3/25/2021 4:20:00 PM	58913
Surr: 4-Bromofluorobenzene	88.4	80-120		%Rec	1	3/25/2021 4:20:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-5 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/16/2021 10:00:00 AM**Lab ID:** 2103A14-005**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/26/2021 3:44:53 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/25/2021 10:31:17 PM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/25/2021 10:31:17 PM	58917
Surr: DNOP	106	70-130		%Rec	1	3/25/2021 10:31:17 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/25/2021 4:40:00 PM	58913
Surr: BFB	91.9	75.3-105		%Rec	1	3/25/2021 4:40:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 4:40:00 PM	58913
Toluene	ND	0.048		mg/Kg	1	3/25/2021 4:40:00 PM	58913
Ethylbenzene	ND	0.048		mg/Kg	1	3/25/2021 4:40:00 PM	58913
Xylenes, Total	ND	0.096		mg/Kg	1	3/25/2021 4:40:00 PM	58913
Surr: 4-Bromofluorobenzene	84.6	80-120		%Rec	1	3/25/2021 4:40:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-6 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/16/2021 11:15:00 AM**Lab ID:** 2103A14-006**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/26/2021 3:57:14 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	25	9.8		mg/Kg	1	3/25/2021 10:43:22 PM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/25/2021 10:43:22 PM	58917
Surr: DNOP	120	70-130		%Rec	1	3/25/2021 10:43:22 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/25/2021 5:00:00 PM	58913
Surr: BFB	92.5	75.3-105		%Rec	1	3/25/2021 5:00:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	3/25/2021 5:00:00 PM	58913
Toluene	ND	0.047		mg/Kg	1	3/25/2021 5:00:00 PM	58913
Ethylbenzene	ND	0.047		mg/Kg	1	3/25/2021 5:00:00 PM	58913
Xylenes, Total	ND	0.094		mg/Kg	1	3/25/2021 5:00:00 PM	58913
Surr: 4-Bromofluorobenzene	84.0	80-120		%Rec	1	3/25/2021 5:00:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-7 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/16/2021 1:10:00 PM**Lab ID:** 2103A14-007**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	3/26/2021 4:09:35 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/25/2021 10:55:08 PM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/25/2021 10:55:08 PM	58917
Surr: DNOP	107	70-130		%Rec	1	3/25/2021 10:55:08 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/25/2021 5:20:00 PM	58913
Surr: BFB	92.3	75.3-105		%Rec	1	3/25/2021 5:20:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	3/25/2021 5:20:00 PM	58913
Toluene	ND	0.047		mg/Kg	1	3/25/2021 5:20:00 PM	58913
Ethylbenzene	ND	0.047		mg/Kg	1	3/25/2021 5:20:00 PM	58913
Xylenes, Total	ND	0.094		mg/Kg	1	3/25/2021 5:20:00 PM	58913
Surr: 4-Bromofluorobenzene	83.4	80-120		%Rec	1	3/25/2021 5:20:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-8 North Wall**Project:** Devon Thistle 44**Collection Date:** 3/16/2021 1:25:00 PM**Lab ID:** 2103A14-008**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	3/26/2021 4:21:56 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/25/2021 11:06:58 PM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/25/2021 11:06:58 PM	58917
Surr: DNOP	110	70-130		%Rec	1	3/25/2021 11:06:58 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/25/2021 5:40:00 PM	58913
Surr: BFB	97.3	75.3-105		%Rec	1	3/25/2021 5:40:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 5:40:00 PM	58913
Toluene	ND	0.049		mg/Kg	1	3/25/2021 5:40:00 PM	58913
Ethylbenzene	ND	0.049		mg/Kg	1	3/25/2021 5:40:00 PM	58913
Xylenes, Total	ND	0.098		mg/Kg	1	3/25/2021 5:40:00 PM	58913
Surr: 4-Bromofluorobenzene	86.2	80-120		%Rec	1	3/25/2021 5:40:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-9 West Wall**Project:** Devon Thistle 44**Collection Date:** 3/17/2021 11:25:00 AM**Lab ID:** 2103A14-009**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	60		mg/Kg	20	3/26/2021 4:34:17 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/25/2021 11:18:44 PM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/25/2021 11:18:44 PM	58917
Surr: DNOP	96.6	70-130		%Rec	1	3/25/2021 11:18:44 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/25/2021 6:00:00 PM	58913
Surr: BFB	96.4	75.3-105		%Rec	1	3/25/2021 6:00:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 6:00:00 PM	58913
Toluene	ND	0.048		mg/Kg	1	3/25/2021 6:00:00 PM	58913
Ethylbenzene	ND	0.048		mg/Kg	1	3/25/2021 6:00:00 PM	58913
Xylenes, Total	ND	0.096		mg/Kg	1	3/25/2021 6:00:00 PM	58913
Surr: 4-Bromofluorobenzene	88.6	80-120		%Rec	1	3/25/2021 6:00:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-10 East Wall**Project:** Devon Thistle 44**Collection Date:** 3/17/2021 12:55:00 PM**Lab ID:** 2103A14-010**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	61		mg/Kg	20	3/26/2021 4:46:38 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/25/2021 11:30:45 PM	58917
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/25/2021 11:30:45 PM	58917
Surr: DNOP	113	70-130		%Rec	1	3/25/2021 11:30:45 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/25/2021 6:20:00 PM	58913
Surr: BFB	94.5	75.3-105		%Rec	1	3/25/2021 6:20:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 6:20:00 PM	58913
Toluene	ND	0.048		mg/Kg	1	3/25/2021 6:20:00 PM	58913
Ethylbenzene	ND	0.048		mg/Kg	1	3/25/2021 6:20:00 PM	58913
Xylenes, Total	ND	0.096		mg/Kg	1	3/25/2021 6:20:00 PM	58913
Surr: 4-Bromofluorobenzene	86.5	80-120		%Rec	1	3/25/2021 6:20:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-11 South Wall**Project:** Devon Thistle 44**Collection Date:** 3/17/2021 1:20:00 PM**Lab ID:** 2103A14-011**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	120	59		mg/Kg	20	3/26/2021 4:58:59 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/25/2021 11:42:44 PM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/25/2021 11:42:44 PM	58917
Surr: DNOP	99.7	70-130		%Rec	1	3/25/2021 11:42:44 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/25/2021 7:39:00 PM	58913
Surr: BFB	92.7	75.3-105		%Rec	1	3/25/2021 7:39:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 7:39:00 PM	58913
Toluene	ND	0.049		mg/Kg	1	3/25/2021 7:39:00 PM	58913
Ethylbenzene	ND	0.049		mg/Kg	1	3/25/2021 7:39:00 PM	58913
Xylenes, Total	ND	0.097		mg/Kg	1	3/25/2021 7:39:00 PM	58913
Surr: 4-Bromofluorobenzene	84.3	80-120		%Rec	1	3/25/2021 7:39:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-12 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 10:00:00 AM**Lab ID:** 2103A14-012**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	190	60		mg/Kg	20	3/26/2021 6:00:46 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/25/2021 11:54:28 PM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/25/2021 11:54:28 PM	58917
Surr: DNOP	104	70-130		%Rec	1	3/25/2021 11:54:28 PM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/25/2021 7:58:00 PM	58913
Surr: BFB	92.7	75.3-105		%Rec	1	3/25/2021 7:58:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 7:58:00 PM	58913
Toluene	ND	0.050		mg/Kg	1	3/25/2021 7:58:00 PM	58913
Ethylbenzene	ND	0.050		mg/Kg	1	3/25/2021 7:58:00 PM	58913
Xylenes, Total	ND	0.10		mg/Kg	1	3/25/2021 7:58:00 PM	58913
Surr: 4-Bromofluorobenzene	85.2	80-120		%Rec	1	3/25/2021 7:58:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103A14

Date Reported: 3/30/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-13 2ft Bottom

Project: Devon Thistle 44

Collection Date: 3/19/2021 10:25:00 AM

Lab ID: 2103A14-013

Matrix: SOIL

Received Date: 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	3/26/2021 6:13:09 PM	58992
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/26/2021 12:06:20 AM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/26/2021 12:06:20 AM	58917
Surr: DNOP	110	70-130		%Rec	1	3/26/2021 12:06:20 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/25/2021 8:18:00 PM	58913
Surr: BFB	93.0	75.3-105		%Rec	1	3/25/2021 8:18:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 8:18:00 PM	58913
Toluene	ND	0.050		mg/Kg	1	3/25/2021 8:18:00 PM	58913
Ethylbenzene	ND	0.050		mg/Kg	1	3/25/2021 8:18:00 PM	58913
Xylenes, Total	ND	0.099		mg/Kg	1	3/25/2021 8:18:00 PM	58913
Surr: 4-Bromofluorobenzene	85.6	80-120		%Rec	1	3/25/2021 8:18:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-14 North Wall**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 10:55:00 AM**Lab ID:** 2103A14-014**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	61		mg/Kg	20	3/26/2021 2:04:41 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/26/2021 12:18:18 AM	58917
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/26/2021 12:18:18 AM	58917
Surr: DNOP	107	70-130		%Rec	1	3/26/2021 12:18:18 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/25/2021 8:38:00 PM	58913
Surr: BFB	92.4	75.3-105		%Rec	1	3/25/2021 8:38:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 8:38:00 PM	58913
Toluene	ND	0.049		mg/Kg	1	3/25/2021 8:38:00 PM	58913
Ethylbenzene	ND	0.049		mg/Kg	1	3/25/2021 8:38:00 PM	58913
Xylenes, Total	ND	0.098		mg/Kg	1	3/25/2021 8:38:00 PM	58913
Surr: 4-Bromofluorobenzene	85.2	80-120		%Rec	1	3/25/2021 8:38:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-15 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 11:20:00 AM**Lab ID:** 2103A14-015**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	200	60		mg/Kg	20	3/26/2021 2:41:55 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/26/2021 12:30:18 AM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/26/2021 12:30:18 AM	58917
Surr: DNOP	124	70-130		%Rec	1	3/26/2021 12:30:18 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/25/2021 8:58:00 PM	58913
Surr: BFB	94.1	75.3-105		%Rec	1	3/25/2021 8:58:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 8:58:00 PM	58913
Toluene	ND	0.049		mg/Kg	1	3/25/2021 8:58:00 PM	58913
Ethylbenzene	ND	0.049		mg/Kg	1	3/25/2021 8:58:00 PM	58913
Xylenes, Total	ND	0.099		mg/Kg	1	3/25/2021 8:58:00 PM	58913
Surr: 4-Bromofluorobenzene	85.1	80-120		%Rec	1	3/25/2021 8:58:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-16 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 11:50:00 AM**Lab ID:** 2103A14-016**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	60		mg/Kg	20	3/26/2021 3:19:09 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/26/2021 12:42:21 AM	58917
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/26/2021 12:42:21 AM	58917
Surr: DNOP	118	70-130		%Rec	1	3/26/2021 12:42:21 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/25/2021 9:18:00 PM	58913
Surr: BFB	94.1	75.3-105		%Rec	1	3/25/2021 9:18:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 9:18:00 PM	58913
Toluene	ND	0.050		mg/Kg	1	3/25/2021 9:18:00 PM	58913
Ethylbenzene	ND	0.050		mg/Kg	1	3/25/2021 9:18:00 PM	58913
Xylenes, Total	ND	0.10		mg/Kg	1	3/25/2021 9:18:00 PM	58913
Surr: 4-Bromofluorobenzene	84.1	80-120		%Rec	1	3/25/2021 9:18:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-17 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 12:20:00 PM**Lab ID:** 2103A14-017**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	59		mg/Kg	20	3/26/2021 3:31:34 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/26/2021 12:54:10 AM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/26/2021 12:54:10 AM	58917
Surr: DNOP	95.9	70-130		%Rec	1	3/26/2021 12:54:10 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/25/2021 9:38:00 PM	58913
Surr: BFB	92.6	75.3-105		%Rec	1	3/25/2021 9:38:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.023		mg/Kg	1	3/25/2021 9:38:00 PM	58913
Toluene	ND	0.046		mg/Kg	1	3/25/2021 9:38:00 PM	58913
Ethylbenzene	ND	0.046		mg/Kg	1	3/25/2021 9:38:00 PM	58913
Xylenes, Total	ND	0.093		mg/Kg	1	3/25/2021 9:38:00 PM	58913
Surr: 4-Bromofluorobenzene	84.0	80-120		%Rec	1	3/25/2021 9:38:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-18 2ft Bottom**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 12:35:00 PM**Lab ID:** 2103A14-018**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	3/26/2021 3:43:58 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/26/2021 1:06:00 AM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/26/2021 1:06:00 AM	58917
Surr: DNOP	105	70-130		%Rec	1	3/26/2021 1:06:00 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/25/2021 9:58:00 PM	58913
Surr: BFB	95.4	75.3-105		%Rec	1	3/25/2021 9:58:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 9:58:00 PM	58913
Toluene	ND	0.048		mg/Kg	1	3/25/2021 9:58:00 PM	58913
Ethylbenzene	ND	0.048		mg/Kg	1	3/25/2021 9:58:00 PM	58913
Xylenes, Total	ND	0.097		mg/Kg	1	3/25/2021 9:58:00 PM	58913
Surr: 4-Bromofluorobenzene	85.1	80-120		%Rec	1	3/25/2021 9:58:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-19 South Wall**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 12:50:00 PM**Lab ID:** 2103A14-019**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	3/26/2021 3:56:22 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	3/26/2021 1:17:57 AM	58917
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/26/2021 1:17:57 AM	58917
Surr: DNOP	95.9	70-130		%Rec	1	3/26/2021 1:17:57 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/25/2021 10:17:00 PM	58913
Surr: BFB	92.7	75.3-105		%Rec	1	3/25/2021 10:17:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.024		mg/Kg	1	3/25/2021 10:17:00 PM	58913
Toluene	ND	0.047		mg/Kg	1	3/25/2021 10:17:00 PM	58913
Ethylbenzene	ND	0.047		mg/Kg	1	3/25/2021 10:17:00 PM	58913
Xylenes, Total	ND	0.094		mg/Kg	1	3/25/2021 10:17:00 PM	58913
Surr: 4-Bromofluorobenzene	84.7	80-120		%Rec	1	3/25/2021 10:17:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Hall Environmental Analysis Laboratory, Inc.**Analytical Report**Lab Order **2103A14**Date Reported: **3/30/2021****CLIENT:** Safety & Environmental Solutions**Client Sample ID:** SP-20 North Wall**Project:** Devon Thistle 44**Collection Date:** 3/19/2021 1:10:00 PM**Lab ID:** 2103A14-020**Matrix:** SOIL**Received Date:** 3/20/2021 8:50:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	130	60		mg/Kg	20	3/26/2021 4:33:36 PM	58999
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: JME
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/26/2021 1:29:54 AM	58917
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/26/2021 1:29:54 AM	58917
Surr: DNOP	108	70-130		%Rec	1	3/26/2021 1:29:54 AM	58917
EPA METHOD 8015D: GASOLINE RANGE							Analyst: CCM
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/25/2021 10:37:00 PM	58913
Surr: BFB	92.4	75.3-105		%Rec	1	3/25/2021 10:37:00 PM	58913
EPA METHOD 8021B: VOLATILES							Analyst: CCM
Benzene	ND	0.025		mg/Kg	1	3/25/2021 10:37:00 PM	58913
Toluene	ND	0.049		mg/Kg	1	3/25/2021 10:37:00 PM	58913
Ethylbenzene	ND	0.049		mg/Kg	1	3/25/2021 10:37:00 PM	58913
Xylenes, Total	ND	0.098		mg/Kg	1	3/25/2021 10:37:00 PM	58913
Surr: 4-Bromofluorobenzene	84.2	80-120		%Rec	1	3/25/2021 10:37:00 PM	58913

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103A14

30-Mar-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: MB-58999	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58999	RunNo: 76237								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699833	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58999	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58999	RunNo: 76237								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699834	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.5	90	110			

Sample ID: MB-58992	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 58992	RunNo: 76245								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699979	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-58992	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 58992	RunNo: 76245								
Prep Date: 3/26/2021	Analysis Date: 3/26/2021	SeqNo: 2699980	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.2	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103A14

30-Mar-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: LCS-58917	SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 58917		RunNo: 76197							
Prep Date: 3/24/2021	Analysis Date: 3/25/2021		SeqNo: 2698920		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	55	10	50.00	0	109	68.9	141			
Surr: DNOP	5.7		5.000		114	70	130			

Sample ID: 2103A14-001AMS	SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SP-1 2ft Bottom	Batch ID: 58917		RunNo: 76197							
Prep Date: 3/24/2021	Analysis Date: 3/25/2021		SeqNo: 2698924		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	9.8	48.83	0	106	15	184			
Surr: DNOP	5.4		4.883		110	70	130			

Sample ID: 2103A14-001AMSD	SampType: MSD		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: SP-1 2ft Bottom	Batch ID: 58917		RunNo: 76197							
Prep Date: 3/24/2021	Analysis Date: 3/25/2021		SeqNo: 2698925		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.6	48.08	0	98.5	15	184	8.70	23.9	
Surr: DNOP	5.1		4.808		107	70	130	0	0	

Sample ID: MB-58917	SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batch ID: 58917		RunNo: 76197							
Prep Date: 3/24/2021	Analysis Date: 3/25/2021		SeqNo: 2698970		Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		117	70	130			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103A14

30-Mar-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: LCS-58913	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699281 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	117	80	120			
Surr: BFB	1100		1000		112	75.3	105			S

Sample ID: MB-58913	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699282 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	960		1000		96.1	75.3	105			

Sample ID: 2103a14-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SP-1 2ft Bottom	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699284 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	28	5.0	24.93	0	112	61.3	114			
Surr: BFB	1100		997.0		110	75.3	105			S

Sample ID: 2103a14-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: SP-1 2ft Bottom	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699285 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	4.8	24.18	0	112	61.3	114	3.12	20	
Surr: BFB	1100		967.1		111	75.3	105	0	0	S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103A14

30-Mar-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: LCS-58913	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699376 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.0	80	120			
Toluene	0.93	0.050	1.000	0	92.5	80	120			
Ethylbenzene	0.92	0.050	1.000	0	92.4	80	120			
Xylenes, Total	2.8	0.10	3.000	0	91.9	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.7	80	120			

Sample ID: MB-58913	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699377 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		87.7	80	120			

Sample ID: 2103a14-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-2 2ft Bottom	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699380 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.81	0.024	0.9515	0	85.5	76.3	120			
Toluene	0.83	0.048	0.9515	0	87.4	78.5	120			
Ethylbenzene	0.83	0.048	0.9515	0	87.5	78.1	124			
Xylenes, Total	2.5	0.095	2.854	0	87.0	79.3	125			
Surr: 4-Bromofluorobenzene	0.80		0.9515		84.3	80	120			

Sample ID: 2103a14-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: SP-2 2ft Bottom	Batch ID: 58913	RunNo: 76241								
Prep Date: 3/23/2021	Analysis Date: 3/25/2021	SeqNo: 2699381 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.1	76.3	120	5.59	20	
Toluene	0.87	0.050	1.000	0	86.9	78.5	120	4.38	20	
Ethylbenzene	0.87	0.050	1.000	0	87.1	78.1	124	4.53	20	
Xylenes, Total	2.6	0.10	3.000	0	86.1	79.3	125	3.95	20	
Surr: 4-Bromofluorobenzene	0.85		1.000		85.4	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



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Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **Safety & Environmental Solutions**

Work Order Number: **2103A14**

RcptNo: 1

Received By: **Sean Livingston**

3/20/2021 8:50:00 AM

Completed By: **Sean Livingston**

3/20/2021 10:24:54 AM

Reviewed By: *CPD 03/20/2021*

Sean Livingston
Sean Livingston

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *SLC 3/20/21*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good				



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

April 02, 2021

Bob Allen
Safety & Environmental Solutions
PO Box 1613
Hobbs, NM 88241
TEL: (575) 397-0510
FAX (575) 393-4388

RE: Devon Thistle 44

OrderNo.: 2103B82

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 18 sample(s) on 3/25/2021 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-21 North Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 9:10:00 AM

Lab ID: 2103B82-001

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 7:23:47 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	3/27/2021 11:43:51 AM	58990
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/27/2021 11:43:51 AM	58990
Surr: DNOP	138	70-130	S	%Rec	1	3/27/2021 11:43:51 AM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/29/2021 10:08:53 PM	58976
Surr: BFB	97.3	75.3-105		%Rec	1	3/29/2021 10:08:53 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/29/2021 10:08:53 PM	58976
Toluene	ND	0.050		mg/Kg	1	3/29/2021 10:08:53 PM	58976
Ethylbenzene	ND	0.050		mg/Kg	1	3/29/2021 10:08:53 PM	58976
Xylenes, Total	ND	0.10		mg/Kg	1	3/29/2021 10:08:53 PM	58976
Surr: 4-Bromofluorobenzene	98.5	80-120		%Rec	1	3/29/2021 10:08:53 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-22 South Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 9:25:00 AM

Lab ID: 2103B82-002

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 8:25:49 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.7		mg/Kg	1	3/27/2021 12:20:26 PM	58990
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/27/2021 12:20:26 PM	58990
Surr: DNOP	134	70-130	S	%Rec	1	3/27/2021 12:20:26 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/29/2021 11:19:59 PM	58976
Surr: BFB	102	75.3-105		%Rec	1	3/29/2021 11:19:59 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/29/2021 11:19:59 PM	58976
Toluene	ND	0.048		mg/Kg	1	3/29/2021 11:19:59 PM	58976
Ethylbenzene	ND	0.048		mg/Kg	1	3/29/2021 11:19:59 PM	58976
Xylenes, Total	ND	0.096		mg/Kg	1	3/29/2021 11:19:59 PM	58976
Surr: 4-Bromofluorobenzene	98.1	80-120		%Rec	1	3/29/2021 11:19:59 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-23 East Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 9:50:00 AM

Lab ID: 2103B82-003

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	3/31/2021 9:03:03 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.4		mg/Kg	1	3/27/2021 12:32:53 PM	58990
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	3/27/2021 12:32:53 PM	58990
Surr: DNOP	141	70-130	S	%Rec	1	3/27/2021 12:32:53 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 12:31:18 AM	58976
Surr: BFB	99.3	75.3-105		%Rec	1	3/30/2021 12:31:18 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 12:31:18 AM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 12:31:18 AM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 12:31:18 AM	58976
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2021 12:31:18 AM	58976
Surr: 4-Bromofluorobenzene	97.0	80-120		%Rec	1	3/30/2021 12:31:18 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-24 Bottom 1.5ft

Project: Devon Thistle 44

Collection Date: 3/23/2021 10:10:00 AM

Lab ID: 2103B82-004

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 9:15:28 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/27/2021 12:45:03 PM	58990
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2021 12:45:03 PM	58990
Surr: DNOP	129	70-130		%Rec	1	3/27/2021 12:45:03 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/30/2021 12:55:02 AM	58976
Surr: BFB	99.6	75.3-105		%Rec	1	3/30/2021 12:55:02 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 12:55:02 AM	58976
Toluene	ND	0.050		mg/Kg	1	3/30/2021 12:55:02 AM	58976
Ethylbenzene	ND	0.050		mg/Kg	1	3/30/2021 12:55:02 AM	58976
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2021 12:55:02 AM	58976
Surr: 4-Bromofluorobenzene	97.7	80-120		%Rec	1	3/30/2021 12:55:02 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-25 South Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 10:30:00 AM

Lab ID: 2103B82-005

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 9:27:52 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/27/2021 12:57:09 PM	58990
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/27/2021 12:57:09 PM	58990
Surr: DNOP	119	70-130		%Rec	1	3/27/2021 12:57:09 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2021 1:18:43 AM	58976
Surr: BFB	97.5	75.3-105		%Rec	1	3/30/2021 1:18:43 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 1:18:43 AM	58976
Toluene	ND	0.048		mg/Kg	1	3/30/2021 1:18:43 AM	58976
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2021 1:18:43 AM	58976
Xylenes, Total	ND	0.096		mg/Kg	1	3/30/2021 1:18:43 AM	58976
Surr: 4-Bromofluorobenzene	96.5	80-120		%Rec	1	3/30/2021 1:18:43 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-26 Bottom 1.5ft

Project: Devon Thistle 44

Collection Date: 3/23/2021 11:05:00 AM

Lab ID: 2103B82-006

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	170	60		mg/Kg	20	3/31/2021 9:40:16 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	3/27/2021 1:09:20 PM	58990
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/27/2021 1:09:20 PM	58990
Surr: DNOP	123	70-130		%Rec	1	3/27/2021 1:09:20 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 1:42:25 AM	58976
Surr: BFB	100	75.3-105		%Rec	1	3/30/2021 1:42:25 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 1:42:25 AM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 1:42:25 AM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 1:42:25 AM	58976
Xylenes, Total	ND	0.098		mg/Kg	1	3/30/2021 1:42:25 AM	58976
Surr: 4-Bromofluorobenzene	99.0	80-120		%Rec	1	3/30/2021 1:42:25 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-27 East Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 11:35:00 AM

Lab ID: 2103B82-007

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 9:52:40 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.5		mg/Kg	1	3/27/2021 1:21:27 PM	58990
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	3/27/2021 1:21:27 PM	58990
Surr: DNOP	126	70-130		%Rec	1	3/27/2021 1:21:27 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/30/2021 2:06:07 AM	58976
Surr: BFB	101	75.3-105		%Rec	1	3/30/2021 2:06:07 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 2:06:07 AM	58976
Toluene	ND	0.050		mg/Kg	1	3/30/2021 2:06:07 AM	58976
Ethylbenzene	ND	0.050		mg/Kg	1	3/30/2021 2:06:07 AM	58976
Xylenes, Total	ND	0.10		mg/Kg	1	3/30/2021 2:06:07 AM	58976
Surr: 4-Bromofluorobenzene	98.1	80-120		%Rec	1	3/30/2021 2:06:07 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-28 Bottom 1.5ft

Project: Devon Thistle 44

Collection Date: 3/23/2021 12:05:00 PM

Lab ID: 2103B82-008

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	180	61		mg/Kg	20	3/31/2021 10:29:53 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	3/27/2021 1:33:40 PM	58990
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/27/2021 1:33:40 PM	58990
Surr: DNOP	120	70-130		%Rec	1	3/27/2021 1:33:40 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 3:17:10 AM	58976
Surr: BFB	98.7	75.3-105		%Rec	1	3/30/2021 3:17:10 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 3:17:10 AM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 3:17:10 AM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 3:17:10 AM	58976
Xylenes, Total	ND	0.098		mg/Kg	1	3/30/2021 3:17:10 AM	58976
Surr: 4-Bromofluorobenzene	97.4	80-120		%Rec	1	3/30/2021 3:17:10 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-29 North Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 12:45:00 PM

Lab ID: 2103B82-009

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 10:42:18 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/27/2021 1:45:52 PM	58990
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2021 1:45:52 PM	58990
Surr: DNOP	136	70-130	S	%Rec	1	3/27/2021 1:45:52 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 3:40:44 AM	58976
Surr: BFB	98.0	75.3-105		%Rec	1	3/30/2021 3:40:44 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 3:40:44 AM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 3:40:44 AM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 3:40:44 AM	58976
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2021 3:40:44 AM	58976
Surr: 4-Bromofluorobenzene	98.2	80-120		%Rec	1	3/30/2021 3:40:44 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-30 West Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 1:05:00 PM

Lab ID: 2103B82-010

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	59		mg/Kg	20	3/31/2021 10:54:43 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	3/27/2021 1:57:59 PM	58990
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	3/27/2021 1:57:59 PM	58990
Surr: DNOP	123	70-130		%Rec	1	3/27/2021 1:57:59 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/30/2021 4:04:10 AM	58976
Surr: BFB	97.6	75.3-105		%Rec	1	3/30/2021 4:04:10 AM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	3/30/2021 4:04:10 AM	58976
Toluene	ND	0.047		mg/Kg	1	3/30/2021 4:04:10 AM	58976
Ethylbenzene	ND	0.047		mg/Kg	1	3/30/2021 4:04:10 AM	58976
Xylenes, Total	ND	0.093		mg/Kg	1	3/30/2021 4:04:10 AM	58976
Surr: 4-Bromofluorobenzene	97.6	80-120		%Rec	1	3/30/2021 4:04:10 AM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-31 Bottom 1.5ft

Project: Devon Thistle 44

Collection Date: 3/23/2021 1:25:00 PM

Lab ID: 2103B82-011

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	360	60		mg/Kg	20	3/31/2021 11:07:07 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	3/27/2021 2:10:07 PM	58990
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	3/27/2021 2:10:07 PM	58990
Surr: DNOP	120	70-130		%Rec	1	3/27/2021 2:10:07 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2021 2:55:54 PM	58976
Surr: BFB	100	75.3-105		%Rec	1	3/30/2021 2:55:54 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 2:55:54 PM	58976
Toluene	ND	0.048		mg/Kg	1	3/30/2021 2:55:54 PM	58976
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2021 2:55:54 PM	58976
Xylenes, Total	ND	0.096		mg/Kg	1	3/30/2021 2:55:54 PM	58976
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	3/30/2021 2:55:54 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-32 East Wall

Project: Devon Thistle 44

Collection Date: 3/23/2021 1:50:00 PM

Lab ID: 2103B82-012

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 11:19:32 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	3/27/2021 2:22:15 PM	58990
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	3/27/2021 2:22:15 PM	58990
Surr: DNOP	141	70-130	S	%Rec	1	3/27/2021 2:22:15 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2021 3:19:27 PM	58976
Surr: BFB	101	75.3-105		%Rec	1	3/30/2021 3:19:27 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 3:19:27 PM	58976
Toluene	ND	0.048		mg/Kg	1	3/30/2021 3:19:27 PM	58976
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2021 3:19:27 PM	58976
Xylenes, Total	ND	0.096		mg/Kg	1	3/30/2021 3:19:27 PM	58976
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	3/30/2021 3:19:27 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-33 Bottom 1ft

Project: Devon Thistle 44

Collection Date: 3/24/2021 10:15:00 AM

Lab ID: 2103B82-013

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	3/31/2021 11:31:57 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/27/2021 2:34:25 PM	58990
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/27/2021 2:34:25 PM	58990
Surr: DNOP	144	70-130	S	%Rec	1	3/27/2021 2:34:25 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 3:42:54 PM	58976
Surr: BFB	98.9	75.3-105		%Rec	1	3/30/2021 3:42:54 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 3:42:54 PM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 3:42:54 PM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 3:42:54 PM	58976
Xylenes, Total	ND	0.098		mg/Kg	1	3/30/2021 3:42:54 PM	58976
Surr: 4-Bromofluorobenzene	98.4	80-120		%Rec	1	3/30/2021 3:42:54 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-34 Bottom 8"

Project: Devon Thistle 44

Collection Date: 3/24/2021 10:35:00 AM

Lab ID: 2103B82-014

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	3/31/2021 11:44:22 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	3/27/2021 2:46:37 PM	58990
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	3/27/2021 2:46:37 PM	58990
Surr: DNOP	77.3	70-130		%Rec	1	3/27/2021 2:46:37 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2021 4:06:27 PM	58976
Surr: BFB	101	75.3-105		%Rec	1	3/30/2021 4:06:27 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 4:06:27 PM	58976
Toluene	ND	0.048		mg/Kg	1	3/30/2021 4:06:27 PM	58976
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2021 4:06:27 PM	58976
Xylenes, Total	ND	0.095		mg/Kg	1	3/30/2021 4:06:27 PM	58976
Surr: 4-Bromofluorobenzene	98.5	80-120		%Rec	1	3/30/2021 4:06:27 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-35 Bottom 8"

Project: Devon Thistle 44

Collection Date: 3/24/2021 11:05:00 AM

Lab ID: 2103B82-015

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	230	60		mg/Kg	20	3/31/2021 11:56:47 PM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/27/2021 2:58:50 PM	58990
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/27/2021 2:58:50 PM	58990
Surr: DNOP	81.6	70-130		%Rec	1	3/27/2021 2:58:50 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 4:29:52 PM	58976
Surr: BFB	99.0	75.3-105		%Rec	1	3/30/2021 4:29:52 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 4:29:52 PM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 4:29:52 PM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 4:29:52 PM	58976
Xylenes, Total	ND	0.098		mg/Kg	1	3/30/2021 4:29:52 PM	58976
Surr: 4-Bromofluorobenzene	99.2	80-120		%Rec	1	3/30/2021 4:29:52 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-36 Bottom 8"

Project: Devon Thistle 44

Collection Date: 3/24/2021 11:35:00 AM

Lab ID: 2103B82-016

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	220	59		mg/Kg	20	4/1/2021 12:09:12 AM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/27/2021 3:11:08 PM	58990
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/27/2021 3:11:08 PM	58990
Surr: DNOP	101	70-130		%Rec	1	3/27/2021 3:11:08 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/30/2021 4:53:20 PM	58976
Surr: BFB	100	75.3-105		%Rec	1	3/30/2021 4:53:20 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 4:53:20 PM	58976
Toluene	ND	0.049		mg/Kg	1	3/30/2021 4:53:20 PM	58976
Ethylbenzene	ND	0.049		mg/Kg	1	3/30/2021 4:53:20 PM	58976
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2021 4:53:20 PM	58976
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	3/30/2021 4:53:20 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-37 Surface

Project: Devon Thistle 44

Collection Date: 3/24/2021 12:10:00 PM

Lab ID: 2103B82-017

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	270	60		mg/Kg	20	4/1/2021 12:21:36 AM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/27/2021 3:23:24 PM	58990
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/27/2021 3:23:24 PM	58990
Surr: DNOP	91.0	70-130		%Rec	1	3/27/2021 3:23:24 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	3/30/2021 6:51:48 PM	58976
Surr: BFB	98.7	75.3-105		%Rec	1	3/30/2021 6:51:48 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	3/30/2021 6:51:48 PM	58976
Toluene	ND	0.048		mg/Kg	1	3/30/2021 6:51:48 PM	58976
Ethylbenzene	ND	0.048		mg/Kg	1	3/30/2021 6:51:48 PM	58976
Xylenes, Total	ND	0.096		mg/Kg	1	3/30/2021 6:51:48 PM	58976
Surr: 4-Bromofluorobenzene	98.7	80-120		%Rec	1	3/30/2021 6:51:48 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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Analytical Report

Lab Order 2103B82

Date Reported: 4/2/2021

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-38 Surface

Project: Devon Thistle 44

Collection Date: 3/24/2021 12:40:00 PM

Lab ID: 2103B82-018

Matrix: SOIL

Received Date: 3/25/2021 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: VP
Chloride	ND	60		mg/Kg	20	4/1/2021 12:58:50 AM	59097
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: mb
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	3/27/2021 3:35:51 PM	58990
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	3/27/2021 3:35:51 PM	58990
Surr: DNOP	82.1	70-130		%Rec	1	3/27/2021 3:35:51 PM	58990
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	3/30/2021 7:15:31 PM	58976
Surr: BFB	97.1	75.3-105		%Rec	1	3/30/2021 7:15:31 PM	58976
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	3/30/2021 7:15:31 PM	58976
Toluene	ND	0.050		mg/Kg	1	3/30/2021 7:15:31 PM	58976
Ethylbenzene	ND	0.050		mg/Kg	1	3/30/2021 7:15:31 PM	58976
Xylenes, Total	ND	0.099		mg/Kg	1	3/30/2021 7:15:31 PM	58976
Surr: 4-Bromofluorobenzene	97.5	80-120		%Rec	1	3/30/2021 7:15:31 PM	58976

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:	*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
	D	Sample Diluted Due to Matrix	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
	PQL	Practical Quantitative Limit	RL	Reporting Limit
	S	% Recovery outside of range due to dilution or matrix		

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QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103B82

02-Apr-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: MB-59097	SampType: MBLK	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 59097	RunNo: 76343								
Prep Date: 3/31/2021	Analysis Date: 3/31/2021	SeqNo: 2704550	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-59097	SampType: LCS	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 59097	RunNo: 76343								
Prep Date: 3/31/2021	Analysis Date: 3/31/2021	SeqNo: 2704551	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.0	90	110			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103B82

02-Apr-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: MB-58990	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 58990	RunNo: 76282								
Prep Date: 3/26/2021	Analysis Date: 3/27/2021	SeqNo: 2700844 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		119	70	130			

Sample ID: LCS-58990	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 58990	RunNo: 76282								
Prep Date: 3/26/2021	Analysis Date: 3/27/2021	SeqNo: 2700853 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	10	50.00	0	92.8	68.9	141			
Surr: DNOP	5.0		5.000		100	70	130			

Sample ID: 2103B82-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SP-21 North Wall	Batch ID: 58990	RunNo: 76282								
Prep Date: 3/26/2021	Analysis Date: 3/27/2021	SeqNo: 2700854 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	9.4	46.77	0	112	15	184			
Surr: DNOP	6.2		4.677		133	70	130			S

Sample ID: 2103B82-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: SP-21 North Wall	Batch ID: 58990	RunNo: 76282								
Prep Date: 3/26/2021	Analysis Date: 3/27/2021	SeqNo: 2700861 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	9.0	44.96	0	115	15	184	1.60	23.9	
Surr: DNOP	5.7		4.496		126	70	130	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103B82

02-Apr-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: mb-59012	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 59012				RunNo: 76294					
Prep Date: 3/26/2021	Analysis Date: 3/29/2021				SeqNo: 2701262	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		100	75.3	105			

Sample ID: lcs-59012	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 59012				RunNo: 76294					
Prep Date: 3/26/2021	Analysis Date: 3/29/2021				SeqNo: 2701263	Units: %Rec				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		109	75.3	105			S

Sample ID: mb-58976	SampType: MBLK				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: PBS	Batch ID: 58976				RunNo: 76294					
Prep Date: 3/25/2021	Analysis Date: 3/30/2021				SeqNo: 2701290	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		100	75.3	105			

Sample ID: lcs-58976	SampType: LCS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: LCSS	Batch ID: 58976				RunNo: 76294					
Prep Date: 3/25/2021	Analysis Date: 3/29/2021				SeqNo: 2701291	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.6	80	120			
Surr: BFB	1100		1000		110	75.3	105			S

Sample ID: 2103b82-001ams	SampType: MS				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: SP-21 North Wall	Batch ID: 58976				RunNo: 76294					
Prep Date: 3/25/2021	Analysis Date: 3/29/2021				SeqNo: 2701293	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	27	5.0	24.90	0	107	61.3	114			
Surr: BFB	1100		996.0		107	75.3	105			S

Sample ID: 2103b82-001amsd	SampType: MSD				TestCode: EPA Method 8015D: Gasoline Range					
Client ID: SP-21 North Wall	Batch ID: 58976				RunNo: 76294					
Prep Date: 3/25/2021	Analysis Date: 3/29/2021				SeqNo: 2701294	Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.8	24.22	0	95.0	61.3	114	14.5	20	
Surr: BFB	1000		969.0		107	75.3	105	0	0	S

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103B82

02-Apr-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

Sample ID: mb-59012	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 59012			RunNo: 76294						
Prep Date: 3/26/2021	Analysis Date: 3/29/2021			SeqNo: 2701308	Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.8	80	120			

Sample ID: LCS-59012	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 59012			RunNo: 76294						
Prep Date: 3/26/2021	Analysis Date: 3/29/2021			SeqNo: 2701309	Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		99.9	80	120			

Sample ID: mb-58976	SampType: MBLK			TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 58976			RunNo: 76294						
Prep Date: 3/25/2021	Analysis Date: 3/30/2021			SeqNo: 2701325	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.98		1.000		98.3	80	120			

Sample ID: LCS-58976	SampType: LCS			TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batch ID: 58976			RunNo: 76294						
Prep Date: 3/25/2021	Analysis Date: 3/29/2021			SeqNo: 2701326	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	97.3	80	120			
Toluene	0.99	0.050	1.000	0	99.0	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.5	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.4	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID: 2103b82-002ams	SampType: MS			TestCode: EPA Method 8021B: Volatiles						
Client ID: SP-22 South Wall	Batch ID: 58976			RunNo: 76294						
Prep Date: 3/25/2021	Analysis Date: 3/29/2021			SeqNo: 2701329	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.024	0.9662	0	92.4	76.3	120			
Toluene	0.92	0.048	0.9662	0	95.5	78.5	120			
Ethylbenzene	0.92	0.048	0.9662	0	95.2	78.1	124			
Xylenes, Total	2.7	0.097	2.899	0	94.7	79.3	125			

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

Page 22 of 23

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 2103B82

02-Apr-21

Client: Safety & Environmental Solutions**Project:** Devon Thistle 44

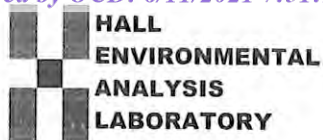
Sample ID: 2103b82-002ams		SampType: MS		TestCode: EPA Method 8021B: Volatiles						
Client ID: SP-22 South Wall		Batch ID: 58976		RunNo: 76294						
Prep Date: 3/25/2021		Analysis Date: 3/29/2021		SeqNo: 2701329		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.97		0.9662		99.9	80	120			

Sample ID: 2103b82-002amsd		SampType: MSD		TestCode: EPA Method 8021B: Volatiles						
Client ID: SP-22 South Wall		Batch ID: 58976		RunNo: 76294						
Prep Date: 3/25/2021		Analysis Date: 3/30/2021		SeqNo: 2701330		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	0.9872	0	89.9	76.3	120	0.672	20	
Toluene	0.93	0.049	0.9872	0	93.7	78.5	120	0.246	20	
Ethylbenzene	0.92	0.049	0.9872	0	93.6	78.1	124	0.549	20	
Xylenes, Total	2.8	0.099	2.962	0	93.6	79.3	125	0.984	20	
Surr: 4-Bromofluorobenzene	1.0		0.9872		101	80	120	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: **Safety & Environmental Solutions**

Work Order Number: **2103B82**

RcptNo: 1

Received By: **Cheyenne Cason** 3/25/2021 7:30:00 AM

Completed By: **Cheyenne Cason** 3/25/2021 8:01:01 AM

Reviewed By: **JR 3/25/21**

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?
(If no, notify customer for authorization.) Yes ☒ No ☐

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: **SPA 3.25.21**

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.6	Good				

Chain-of-Custody Record

Client: Safety & Environmental SolutionsMailing Address: 703 E. ClintonHobbs NM 88240Phone #: 575-397-0510

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Project Manager:

Allen, Bob

Sampler:

Sara JerryOn Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CP): 17-0.1 ± 1.5 (°C)

Container Type and #

Preservative Type

HEAL No.

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

Time

Relinquished by:

Sara Jerry

Date:

03/24

Time:

1500

Relinquished by:

Sara Jerry

Date:

03/24

Time:

1900

Received by:

cur con

Via:

cur con

Date

3/24/21

Time

1600

Received by:

cur con

Via:

cur con

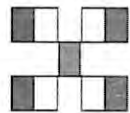
Date

3/25/21

Time

0730

Remarks:

Bill Deaton Dred

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

TPH:8015D(GRO / DRO / MRO)

BTEX / MTBE / TMBs (8021)

8081 Pesticides/8082 PCBs

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

ChlorideXXXXXXXXXXXXXXXXXXXXXXX

Chain-of-Custody Record

Client: Safety & Environmental SolutionsMailing Address: 703 E. ClintonHobbs N.M. 88240Phone #: 575-397-0510

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Project Manager:

Allen, Bob

Sampler:

On Ice: ☒ Yes ☐ No

of Coolers:

Cooler Temp (including CP): 1.7 - 0.1 = 1.6 (°C)

Container Type and #

Preservative Type

HEAL No.

21031382013014015016017018

Sample Name

SP-33 Bottom 1 ftSP-34 Bottom 8" inchesSP-35 Bottom 8" inchesSP-36 Bottom 8" inchesSP-37 SurfaceSP-38 Surface

Date

03/24/15103511051135121003/24/151240

Date

03/241500

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Date

03/241900

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: Wesley Mathews Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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Printed Name: _____ Title: _____

Signature: Wesley Mathews Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

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

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

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

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

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

CONDITIONS

Action 31503

CONDITIONS

Operator: Safety & Environmental Solutions, Inc. PO Box 1613 Hobbs, NM 88240	OGRID: 329088
	Action Number: 31503
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	7/13/2021