

State of New Mexico  
Oil Conservation Division

Page 6

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 yd<sup>3</sup> 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 yds<sup>3</sup> 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)

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- 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

“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](mailto:Victoria.Venegas@state.nm.us)>  
**Sent:** Thursday, July 23, 2020 2:41:55 PM  
**To:** Bynum, Tom (Contract) <[Tom.Bynum@dvn.com](mailto:Tom.Bynum@dvn.com)>; Bratcher, Mike, EMNRD <[mike.bratcher@state.nm.us](mailto:mike.bratcher@state.nm.us)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@state.nm.us](mailto:Robert.Hamlet@state.nm.us)>; Eads, Cristina, EMNRD <[Cristina.Eads@state.nm.us](mailto:Cristina.Eads@state.nm.us)>  
**Cc:** Mann, Ryan <[rmann@slo.state.nm.us](mailto:rmann@slo.state.nm.us)>; Bob Allen <[ballen@sesi-nm.com](mailto:ballen@sesi-nm.com)>; DeHoyos, Kendra <[Kendra.DeHoyos@dvn.com](mailto:Kendra.DeHoyos@dvn.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](mailto: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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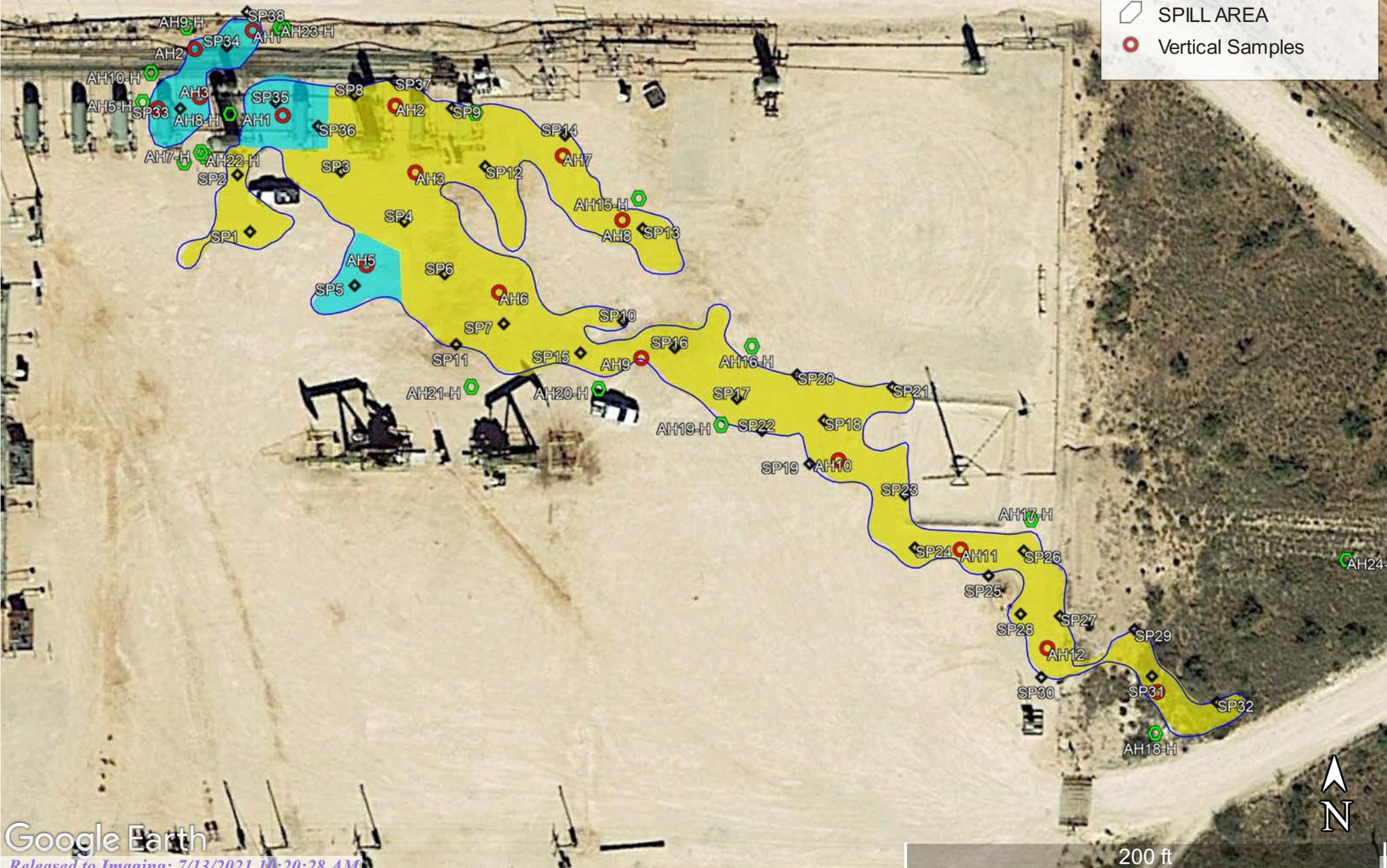
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# Devon, Thistle Unit #44

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](http://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](http://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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	60		mg/Kg	20	3/26/2021 2:30:44 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	59		mg/Kg	20	3/26/2021 2:43:06 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/26/2021 2:55:26 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	*	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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/26/2021 3:32:32 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/26/2021 3:44:53 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/26/2021 3:57:14 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	60		mg/Kg	20	3/26/2021 4:09:35 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	*	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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	60		mg/Kg	20	3/26/2021 4:21:56 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	*	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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	60		mg/Kg	20	3/26/2021 4:34:17 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	61		mg/Kg	20	3/26/2021 4:46:38 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	120	59		mg/Kg	20	3/26/2021 4:58:59 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	190	60		mg/Kg	20	3/26/2021 6:00:46 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	60		mg/Kg	20	3/26/2021 6:13:09 PM	58992
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	61		mg/Kg	20	3/26/2021 2:04:41 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	200	60		mg/Kg	20	3/26/2021 2:41:55 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	180	60		mg/Kg	20	3/26/2021 3:19:09 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	59		mg/Kg	20	3/26/2021 3:31:34 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	*	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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	60		mg/Kg	20	3/26/2021 3:43:58 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	130	60		mg/Kg	20	3/26/2021 3:56:22 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	*	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 **2103A14**

Date Reported: **3/30/2021**

**Hall Environmental Analysis Laboratory, Inc.**

**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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	130	60		mg/Kg	20	3/26/2021 4:33:36 PM	58999
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>JME</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>CCM</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>CCM</b>
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.

<b>Qualifiers:</b>	* 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	

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103A14

30-Mar-21

**Client:** Safety & Environmental Solutions

**Project:** Devon Thistle 44

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

Sample ID: <b>LCS-58999</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58999</b>	RunNo: <b>76237</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699834</b>	Units: <b>mg/Kg</b>							
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: <b>MB-58992</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58992</b>	RunNo: <b>76245</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699979</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: <b>LCS-58992</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58992</b>	RunNo: <b>76245</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/26/2021</b>	SeqNo: <b>2699980</b>	Units: <b>mg/Kg</b>							
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: <b>LCS-58917</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58917</b>	RunNo: <b>76197</b>								
Prep Date: <b>3/24/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2698920</b>	Units: <b>mg/Kg</b>							
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: <b>2103A14-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-1 2ft Bottom</b>	Batch ID: <b>58917</b>	RunNo: <b>76197</b>								
Prep Date: <b>3/24/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2698924</b>	Units: <b>mg/Kg</b>							
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: <b>2103A14-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-1 2ft Bottom</b>	Batch ID: <b>58917</b>	RunNo: <b>76197</b>								
Prep Date: <b>3/24/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2698925</b>	Units: <b>mg/Kg</b>							
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: <b>MB-58917</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58917</b>	RunNo: <b>76197</b>								
Prep Date: <b>3/24/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2698970</b>	Units: <b>mg/Kg</b>							
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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103A14

30-Mar-21

**Client:** Safety & Environmental Solutions

**Project:** Devon Thistle 44

Sample ID: <b>LCS-58913</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58913</b>	RunNo: <b>76241</b>								
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2699281</b>	Units: <b>mg/Kg</b>							
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: <b>MB-58913</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58913</b>	RunNo: <b>76241</b>								
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2699282</b>	Units: <b>mg/Kg</b>							
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: <b>2103a14-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>SP-1 2ft Bottom</b>	Batch ID: <b>58913</b>	RunNo: <b>76241</b>								
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2699284</b>	Units: <b>mg/Kg</b>							
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: <b>2103a14-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>SP-1 2ft Bottom</b>	Batch ID: <b>58913</b>	RunNo: <b>76241</b>								
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>	SeqNo: <b>2699285</b>	Units: <b>mg/Kg</b>							
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: <b>LCS-58913</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>58913</b>		RunNo: <b>76241</b>							
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>		SeqNo: <b>2699376</b>		Units: <b>mg/Kg</b>					
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: <b>MB-58913</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>PBS</b>	Batch ID: <b>58913</b>		RunNo: <b>76241</b>							
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>		SeqNo: <b>2699377</b>		Units: <b>mg/Kg</b>					
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: <b>2103a14-002ams</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>SP-2 2ft Bottom</b>	Batch ID: <b>58913</b>		RunNo: <b>76241</b>							
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>		SeqNo: <b>2699380</b>		Units: <b>mg/Kg</b>					
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: <b>2103a14-002amsd</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8021B: Volatiles</b>							
Client ID: <b>SP-2 2ft Bottom</b>	Batch ID: <b>58913</b>		RunNo: <b>76241</b>							
Prep Date: <b>3/23/2021</b>	Analysis Date: <b>3/25/2021</b>		SeqNo: <b>2699381</b>		Units: <b>mg/Kg</b>					
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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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: 2103A14 RcptNo: 1

Received By: Sean Livingston 3/20/2021 8:50:00 AM

Signature of Sean Livingston

Completed By: Sean Livingston 3/20/2021 10:24:54 AM

Signature of Sean Livingston

Reviewed By: [Signature] 03/20/2021

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

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

# of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by: [Signature] 3/20/21

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [checked]

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 2.4, Good, [ ], [ ], [ ]

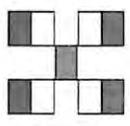
### Chain-of-Custody Record

Client: Safety & Environmental Solutions  
 Mailing Address: 703 E. Clenden  
Abbeville, MO  
 Phone #: 575-397-0510  
 Email or Fax#: \_\_\_\_\_  
 QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  AZ Compliance  
 NELAC  Other  
 EDD (Type) \_\_\_\_\_

Turn-Around Time: 5 Days  
 Standard  Rush  
 Project Name: Devon  
THISTLE 44  
 Project #: Dev-19-009  
 Project Manager: Allen Bob  
 Sampler: [Signature]  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CP): 26-02-24 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
03/15	1120	S	SP-1 2FR Bottom	1	Jury	001
	1145	S	SP-2 2FR Bottom	1	Next	002
	1240	S	SP-3 2FR Bottom	1		003
03/15	1310	S	SP-4 2FR Bottom	1		004
03/16	1000	S	SP-5 2FR Bottom	1		005
	1115	S	SP-6 2FR Bottom	1		006
	1310	S	SP-7 2FR Bottom	1		007
03/16	1325	S	SP-8 North West	1		008
03/17	1125	S	SP-9 West West	1		009
	1255	S	SP-10 West	1		010
03/17	1320	S	SP-11 Devon	1		011

Date: 03/19 Time: 1600 Relinquished by: [Signature]  
 Date: 03/19/21 Time: 1900 Relinquished by: [Signature]  
 Received by: Wynn Date: 3/19/21 Time: 1600  
 Received by: See cover Date: 3/20/21 Time: 8:50



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request	
BTEX / MTBE / TMB's (8021)	XX
TPH:8015D(GRO / DRO / MRO)	XX
8081 Pesticides/8082 PCB's	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	X <u>Check</u>

Remarks: Bill Devon Direct.

### Chain-of-Custody Record

Client: Safety & Environmental Solutions  
 Mailing Address: 703 E Clanton Hobbs NM 88240  
 Phone #: 575-397-0500

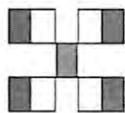
QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  NELAC  Other  
 EDD (Type)

Turn-Around Time: 5 Days  
 Standard  Rush  
 Project Name: Devon  
Thurs 4/4  
 Project #: Dev-19-009

Project Manager: Allen, Bob  
 Sampler: [Signature]  
 On Ice:  Yes  No  
 # of Coolers: \_\_\_\_\_  
 Cooler Temp (including CP): \_\_\_\_\_ (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
03/19	1000	S	SP-12 2R Bottom	1	Free	013 012
	1025	S	SP-13 2R Bottom	1	Next	014 013
	1055	S	SP-14 North well	1		015 014
	1120	S	SP-15 2R Bottom	1		016 015
	1150	S	SP-16 2R Bottom	1		017 016
	1220	S	SP-17 2R Bottom	1		018 017
	1235	S	SP-18 2R Bottom	1		019 018
	1250	S	SP-19 South well	1		020 019
03/19	1310	S	SP-20 North well	1		021 020

Relinquished by: [Signature] Date: 3/19/21 Time: 1600  
 Relinquished by: [Signature] Date: 3/19/21 Time: 1600



### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

#### Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCBs	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
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Remarks: Bill Devon Duester



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [clients.hallenvironmental.com](http://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](http://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 white background.

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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 7:23:47 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 8:25:49 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	59		mg/Kg	20	3/31/2021 9:03:03 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 9:15:28 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 9:27:52 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	170	60		mg/Kg	20	3/31/2021 9:40:16 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 9:52:40 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	180	61		mg/Kg	20	3/31/2021 10:29:53 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 10:42:18 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	59		mg/Kg	20	3/31/2021 10:54:43 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	360	60		mg/Kg	20	3/31/2021 11:07:07 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 11:19:32 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	* 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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	3/31/2021 11:31:57 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	230	60		mg/Kg	20	3/31/2021 11:44:22 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	230	60		mg/Kg	20	3/31/2021 11:56:47 PM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	220	59		mg/Kg	20	4/1/2021 12:09:12 AM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	270	60		mg/Kg	20	4/1/2021 12:21:36 AM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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-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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>VP</b>
Chloride	ND	60		mg/Kg	20	4/1/2021 12:58:50 AM	59097
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>mb</b>
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
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
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
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
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.

<b>Qualifiers:</b>	*	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		

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B82

02-Apr-21

**Client:** Safety & Environmental Solutions

**Project:** Devon Thistle 44

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

Sample ID: <b>LCS-59097</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 300.0: Anions</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59097</b>	RunNo: <b>76343</b>								
Prep Date: <b>3/31/2021</b>	Analysis Date: <b>3/31/2021</b>	SeqNo: <b>2704551</b>	Units: <b>mg/Kg</b>							
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: <b>MB-58990</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58990</b>	RunNo: <b>76282</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700844</b>	Units: <b>mg/Kg</b>							
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: <b>LCS-58990</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58990</b>	RunNo: <b>76282</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700853</b>	Units: <b>mg/Kg</b>							
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: <b>2103B82-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-21 North Wall</b>	Batch ID: <b>58990</b>	RunNo: <b>76282</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700854</b>	Units: <b>mg/Kg</b>							
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: <b>2103B82-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>SP-21 North Wall</b>	Batch ID: <b>58990</b>	RunNo: <b>76282</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/27/2021</b>	SeqNo: <b>2700861</b>	Units: <b>mg/Kg</b>							
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: <b>mb-59012</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59012</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701262</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		100	75.3	105			

Sample ID: <b>ics-59012</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59012</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701263</b>	Units: <b>%Rec</b>							
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: <b>mb-58976</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2701290</b>	Units: <b>mg/Kg</b>							
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: <b>ics-58976</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701291</b>	Units: <b>mg/Kg</b>							
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: <b>2103b82-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>SP-21 North Wall</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701293</b>	Units: <b>mg/Kg</b>							
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: <b>2103b82-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>SP-21 North Wall</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701294</b>	Units: <b>mg/Kg</b>							
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: <b>mb-59012</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>59012</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701308</b>	Units: <b>%Rec</b>							
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: <b>LCS-59012</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>59012</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/26/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701309</b>	Units: <b>%Rec</b>							
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: <b>mb-58976</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2701325</b>	Units: <b>mg/Kg</b>							
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: <b>LCS-58976</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701326</b>	Units: <b>mg/Kg</b>							
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: <b>2103b82-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>SP-22 South Wall</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701329</b>	Units: <b>mg/Kg</b>							
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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2103B82

02-Apr-21

**Client:** Safety & Environmental Solutions

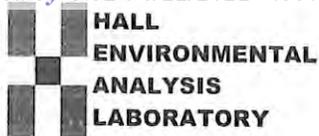
**Project:** Devon Thistle 44

Sample ID: <b>2103b82-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>SP-22 South Wall</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/29/2021</b>	SeqNo: <b>2701329</b>	Units: <b>mg/Kg</b>							
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: <b>2103b82-002amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>SP-22 South Wall</b>	Batch ID: <b>58976</b>	RunNo: <b>76294</b>								
Prep Date: <b>3/25/2021</b>	Analysis Date: <b>3/30/2021</b>	SeqNo: <b>2701330</b>	Units: <b>mg/Kg</b>							
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
- 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



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 [checked] No [ ] Not Present [ ]
2. How was the sample delivered? Courier

Log In

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

Person Notified: [ ] Date: [ ]
By Whom: [ ] Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person [ ]
Regarding: [ ]
Client Instructions: [ ]

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 1.6, Good, [ ], [ ], [ ], [ ]

### Chain-of-Custody Record

Client: Safety + Environmental Solutions

Mailing Address: 703 E. Clinton Hobbs N.M. 88290

Phone #: 575-397-0510

email or Fax#: \_\_\_\_\_

QA/QC Package:  Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance  NELAC  Other

EDD (Type) \_\_\_\_\_

Turn-Around Time: 5 days

Standard  Rush

Project Name: Devon THISTLE 44

Project #: DEV-19-009

Project Manager: Allen, Bob

Sampler: Sara Jerry

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CP): 7-0.1 ± 1.5 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
03/13	0910	S	SP-21 NORTH WALL	1	Tea	2103082-001
	0915	S	SP-22 SOUTH WALL	1	Tea	002
	0950	S	SP-23 EAST WALL	1		003
	1010	S	SP-24 Bottom 1.5 ft	1		004
	1030	S	SP-25 SOUTH WALL	1		005
	1105	S	SP-26 Bottom 1.5 ft	1		006
	1135	S	SP-27 EAST WALL	1		007
	1205	S	SP-28 Bottom 1.5 ft	1		008
	1245	S	SP-29 NORTH WALL	1		009
	1305	S	SP-30 WEST WALL	1		010
	1325	S	SP-31 Bottom 1.5 ft	1		011
03/23	1350	S	SP-32 EAST WALL	1		012

Relinquished by: Sara Jerry Date: 03/24 1500

Relinquished by: Sara Jerry Date: 03/24 1900

Received by: [Signature] Date: 3/24/21 1600

Received by: cur con Date: 3/25/21 0730

### HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

#### Analysis Request

BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>2</sub> , NO <sub>3</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<u>X</u>
									<u>X</u>
									<u>X</u>

Remarks: Bill Deaton Durd



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

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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 31505

**CONDITIONS**

Operator: Safety & Environmental Solutions, Inc. PO Box 1613 Hobbs, NM 88240	OGRID: 329088
	Action Number: 31505
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

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