

Incident ID	NAB1812237802
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: Dale Woodall Title: Env. Professional  
Signature: Dale Woodall Date: 11/16/2022  
email: dale.woodall@dvn.com Telephone: 575-748-1838

**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: \_\_\_\_\_

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Printed Name: Dale Woodall Title: Env. Professional  
Signature: Dale Woodall Date: 11/16/2022  
email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Robert Hamlet Date: 2/14/2023

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

Closure Approved by: Robert Hamlet Date: 2/14/2023  
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

**Devon Energy Production Company  
Cotton Draw Unit 203H**

**Closure Report  
UL N, Section 26, T24S, R31E  
Eddy County, New Mexico**

**NAB1812237802**

**July 22, 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	575-578-6195	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 engaged by Devon Energy to perform a site assessment at the CDU #203H concerning an approximate 6 bbls release of produced water and 0.2 bbls oil onto the well pad. According to the C-141, damage to a stainless line on the tubing caused the line to split and release fluid. Zero barrels of fluids were recovered. This site is situated in Eddy County, Section 26, Township 24S, and Range 31E.

SESI personnel performed an assessment of the site in March of 2020 based on generator knowledge of the leak location. SESI personnel mapped the leak and performed delineation.

## 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 be 475' bgs; however, since no wells less than 25 years old and less than a half mile away are known to be present, SESI will delineate this release to the most stringent criteria established by NMOCD.

## Characterization

In March 2020, SESI personnel performed sampling to determine vertical extent of the release. SESI advanced 4 auger holes within the leak area. The samples were properly packaged and preserved and sent to Cardinal Laboratories for analysis. The results of the testing are captured in the summary below:

Devon Energy CDU 203H Soil Sample Results: Hall Environmental Laboratories 3/24/20								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
AH-1 @ SURFACE	560	580	11000	4400	ND	210	ND	2.5
AH-1 @ 1'	550	ND	350	180	ND	ND	ND	ND
AH-1 @ 2'	300	ND	ND	ND	ND	ND	ND	ND
AH-2 @ SURFACE	910	ND	5600	5000	ND	ND	ND	ND
AH-2 @ 1'	140	ND	ND	ND	ND	ND	ND	ND
AH-3 @ SURFACE	210	66	11000	4400	ND	ND	ND	ND
AH-3 @ 1'	130	ND	ND	ND	ND	ND	ND	ND
AH-4 @ SURFACE	92	37	6200	2300	ND	ND	ND	ND
AH-4 @ 1'	590	ND	ND	ND	ND	ND	ND	ND

## Remediation

Based on the results of the delineation, SESI, determined the best course of action is to excavate the contaminated soil to a depth of 1 foot as practicable. In April of 2020, contaminated material was removed via shovel and backhoe then confirmation samples were taken to ensure remediation was successful and that the horizontal extent of the release area had been established. The samples were properly preserved and packaged then sent to Hall Laboratories for analysis. The results of the sampling is captured in the table below.

Devon Energy CDU 203H Soil Sample Results: Hall Environmental Laboratories 4/7/20								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-1 BTM @ 1'	800	ND	54	ND	ND	ND	ND	ND
SP-2 BTM @ 1'	780	ND	39	ND	ND	ND	ND	ND
SP-3 WEST WALL	820	ND	25	ND	ND	ND	ND	ND
SP-4 EAST WALL	ND	ND	19	ND	ND	ND	ND	ND
SP-5 BTM @ 1'	800	ND	25	ND	ND	ND	ND	ND
SP-6 WEST WALL	ND	ND	25	ND	ND	ND	ND	ND
SP-7 EAST WALL	ND	ND	15	ND	ND	ND	ND	ND
SP-8 BTM @ 1'	ND	ND	23	ND	ND	ND	ND	ND
SP-9 SOUTH WALL	ND	ND	21	ND	ND	ND	ND	ND
SP-10 NORTH WALL	ND	ND	17	ND	ND	ND	ND	ND

The April sampling event revealed that further depth investigation was needed to fully remediate the site. Efforts were made to dig an additional 6" to a total depth of 1.5'. Those samples are presented below.

Devon Energy CDU 203H Soil Sample Results: Hall Environmental Laboratories 9/21/20								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-1 @ 1.5'	ND	ND	ND	ND	ND	ND	ND	ND
SP-2 @ 1.5'	ND	ND	ND	ND	ND	ND	ND	ND
SP-3 @ 1.5'	ND	ND	ND	ND	ND	ND	ND	ND
SP-5 @ 1.5'	ND	ND	ND	ND	ND	ND	ND	ND
SP-11 WEST WALL	130	ND	ND	ND	ND	ND	ND	ND

Once sample results verified both successful remediation and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

## **Closure Request**

Based on the confirmation and horizontal sample results, SESI believes the release area 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 this release. Supplemental information has been included in this report to support our closure request.

## **Supplemental Documentation for Closure**

Map of Release with sample locations  
Photos of release and remediation  
NMOCD Oil and Gas Map  
BLM Cave Karst Map  
Laboratory Analysis  
C-141

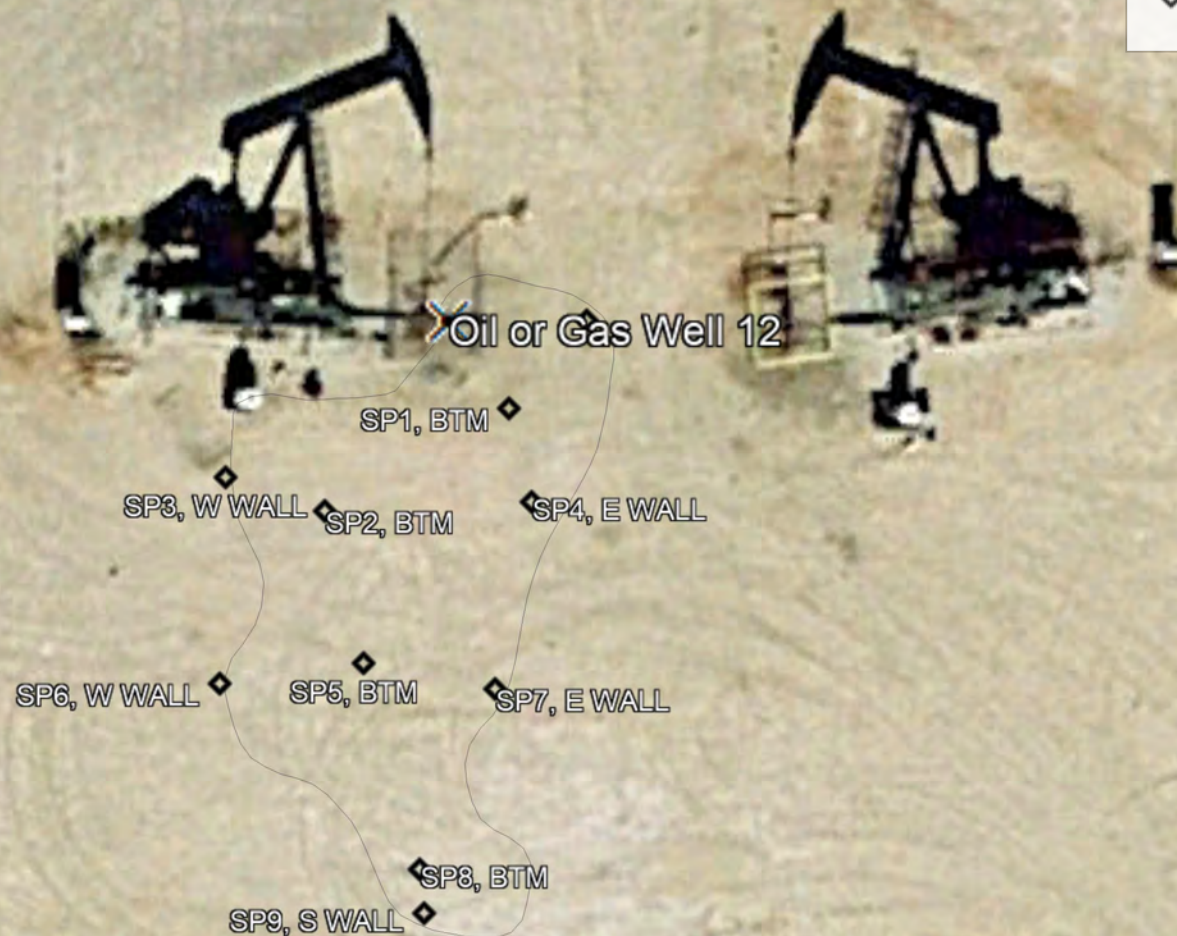


# Devon Energy

CDU 203H  
N-26-T24S-R31E  
Site Map  
NAB1812237802

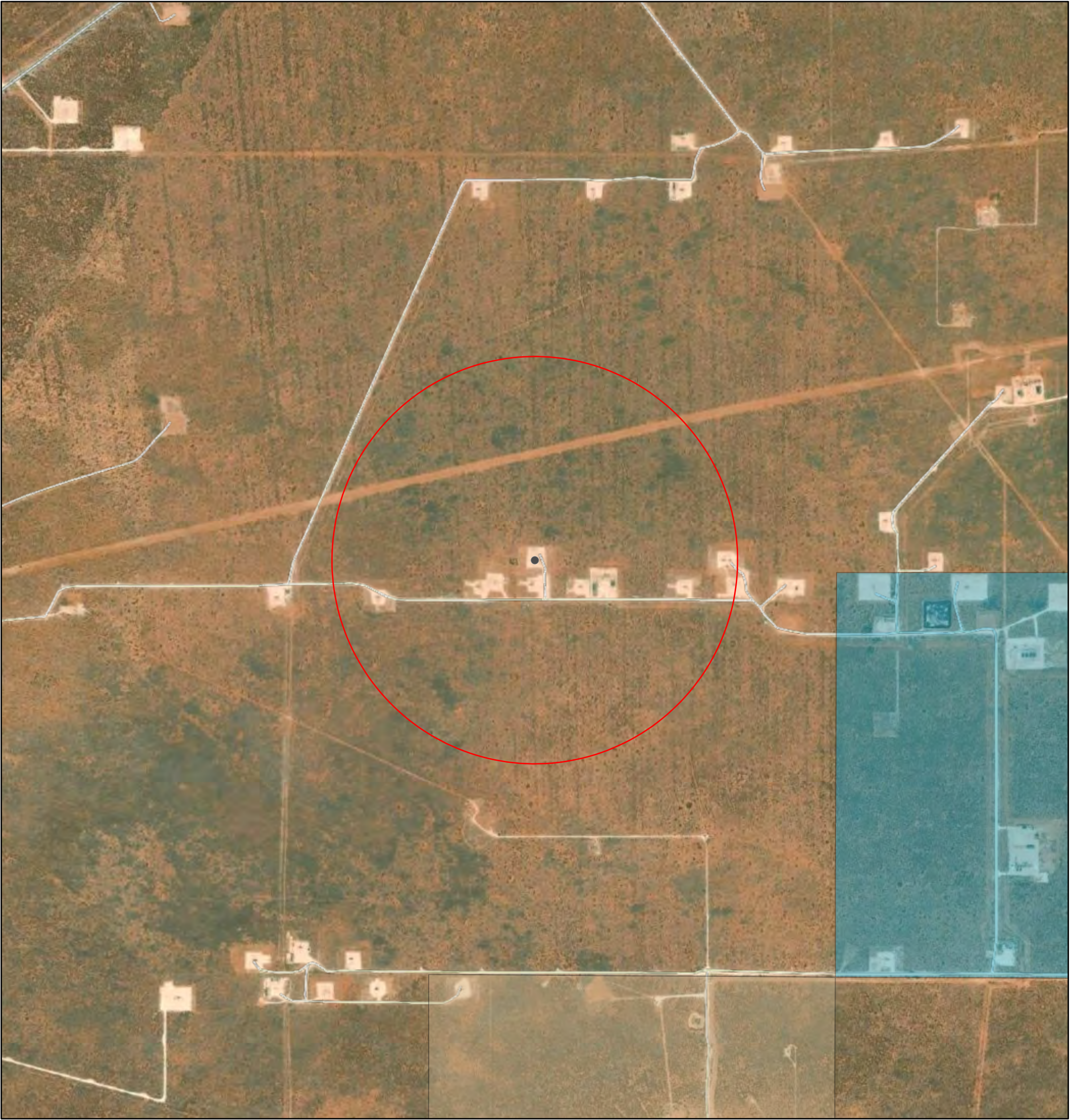
## Legend

- Excavation 1
- Oil or Gas Well 12
- WALL







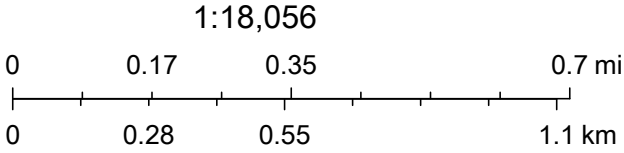


# OSE PUBLIC PRINT



8/27/2021, 7:51:59 AM

-  OSE District Boundary
- New Mexico State Trust Lands
-  Subsurface Estate
-  Both Estates
-  SiteBoundaries



Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar



National Water Information System: Web Interface

USGS Water Resources

Data Category:


Groundwater

Geographic Area:

New Mexico

GO

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

\* IMPORTANT: [Next Generation Station Page](#)

Site Selection Results -- 3 sites found

Site name contains string = 24S.31E  
County = Eddy  
Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

Data for individual sites can be obtained by selecting the site number below

Agency	Site Number	Site Name	Period of Record		
			Begin Date	End Date	Levels
USGS	321034103465501	24S.31E.33.231113	1959-03-12	1959-03-12	1
USGS	<u>321310103482101</u>	24S.31E.17.13120	1959-02-03	2013-01-17	4
USGS	321421103464901	24S.31E.04.433422	1959-03-13	2013-01-17	2

- [Questions about sites/data?](#)  
[Feedback on this web site](#)  
[Automated retrievals](#)  
[Help](#)  
[Data Tips](#)  
[Explanation of terms](#)  
[Subscribe for system changes](#)  
[News](#)



National Water Information System: Web Interface


USGS Water Resources

Data Category:  
Groundwater

Geographic Area:  
United States

GO

Click to hideNews Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for the Nation

\* IMPORTANT: [Next Generation Station Page](#)

Search Results -- 1 sites found

site\_no list =  

- 321034103465501

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

USGS 321034103465501 24S.31E.33.231113

Available data for this site 

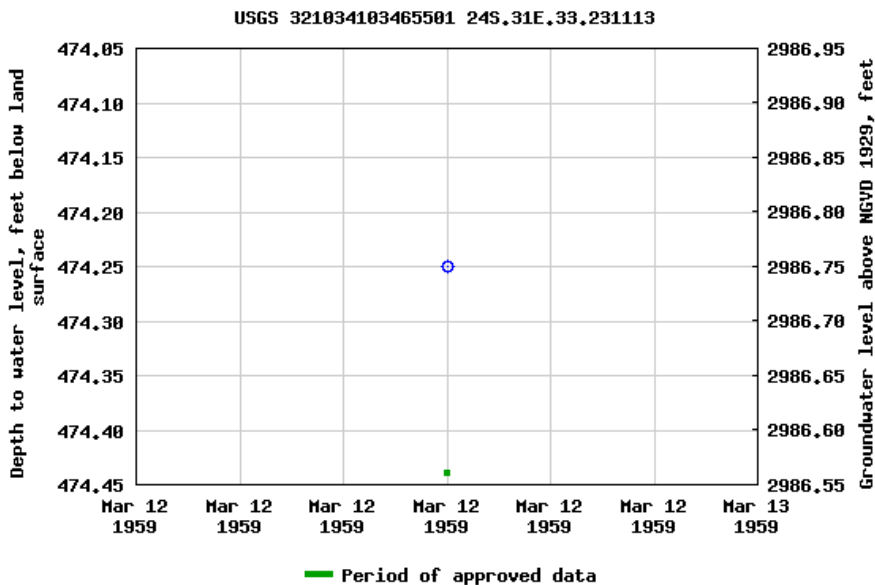
Groundwater: Field measurements

GO

Eddy County, New Mexico  
Hydrologic Unit Code 13070001  
Latitude 32°10'38.2", Longitude 103°46'53.0" NAD83  
Land-surface elevation 3,461.00 feet above NGVD29  
The depth of the well is 740 feet below land surface.  
This well is completed in the Other aquifers (N9999OTHER) national aquifer.  
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>






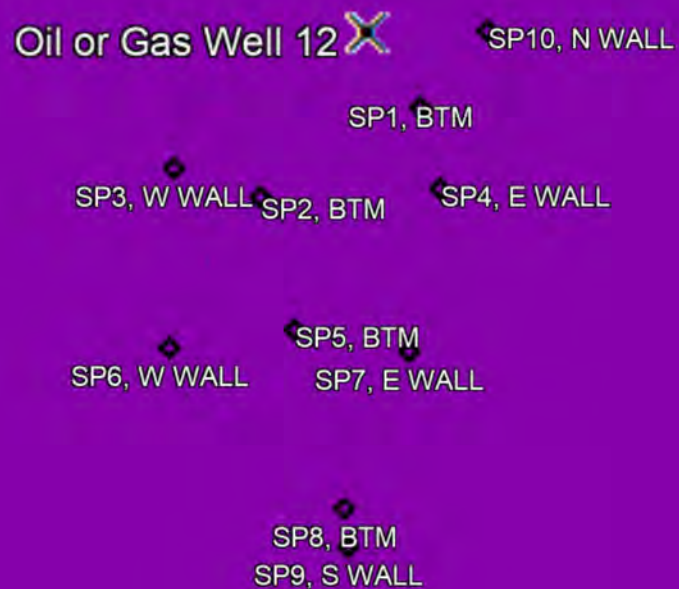
Breaks in the plot represent a gap of at least one year between field measurements.  
[Download a presentation-quality graph](#)

# Devon Energy

CDU 203H  
N-26-T24S-R31E  
Karst Map - Low  
NAB1812237802

## Legend

-  Excavation 1
-  Oil or Gas Well 12
-  WALL





## Devon Energy – CDU 203H Excavation & Remediation





## Devon Energy – CDU 203H Excavation & Remediation



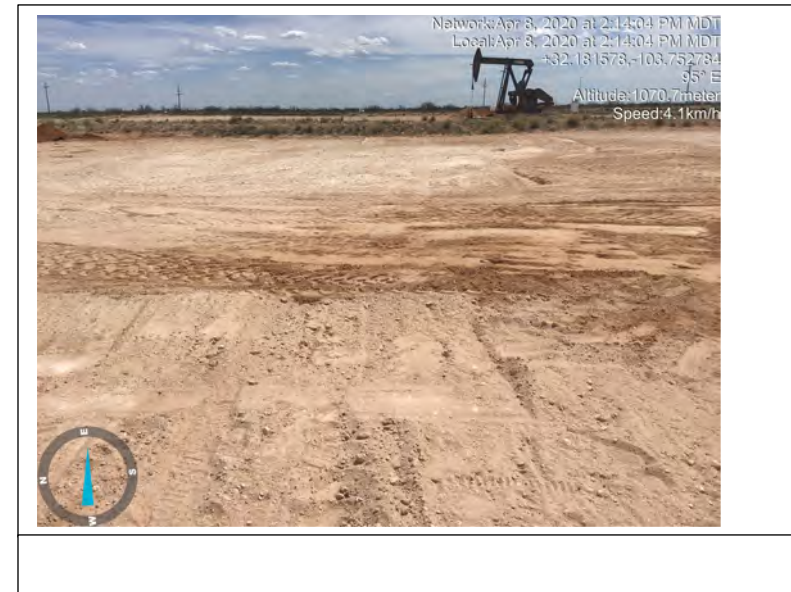


## Devon Energy – CDU 203H Excavation & Remediation





## Devon Energy – CDU 203H Excavation & Remediation





## Devon Energy – CDU 203H Excavation & Remediation



## Devon Energy – CDU 203H Excavation & Remediation





## Devon Energy – CDU 203H Excavation & Remediation





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

September 29, 2020

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

RE: Devon Cotton Draw 203 H

OrderNo.: 2009C47

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 5 sample(s) on 9/22/2020 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 horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 2009C47

Date Reported: 9/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-1 1.5ft

Project: Devon Cotton Draw 203 H

Collection Date: 9/21/2020 9:05:00 AM

Lab ID: 2009C47-001

Matrix: SOIL

Received Date: 9/22/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	ND	59		mg/Kg	20	9/28/2020 11:47:14 PM	55495
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	9/23/2020 11:15:34 PM	55366
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/23/2020 11:15:34 PM	55366
Surr: DNOP	89.4	30.4-154		%Rec	1	9/23/2020 11:15:34 PM	55366
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/26/2020 3:15:02 AM	55362
Surr: BFB	90.2	75.3-105		%Rec	1	9/26/2020 3:15:02 AM	55362
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/26/2020 3:15:02 AM	55362
Toluene	ND	0.048		mg/Kg	1	9/26/2020 3:15:02 AM	55362
Ethylbenzene	ND	0.048		mg/Kg	1	9/26/2020 3:15:02 AM	55362
Xylenes, Total	ND	0.097		mg/Kg	1	9/26/2020 3:15:02 AM	55362
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	9/26/2020 3:15:02 AM	55362

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		

Page 1 of 9



## Analytical Report

Lab Order 2009C47

Date Reported: 9/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-2 1.5ft

Project: Devon Cotton Draw 203 H

Collection Date: 9/21/2020 9:50:00 AM

Lab ID: 2009C47-002

Matrix: SOIL

Received Date: 9/22/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/28/2020 11:59:38 PM	55495
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/23/2020 11:25:35 PM	55366
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/23/2020 11:25:35 PM	55366
Surr: DNOP	89.3	30.4-154		%Rec	1	9/23/2020 11:25:35 PM	55366
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	9/26/2020 3:38:42 AM	55362
Surr: BFB	88.7	75.3-105		%Rec	1	9/26/2020 3:38:42 AM	55362
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/26/2020 3:38:42 AM	55362
Toluene	ND	0.048		mg/Kg	1	9/26/2020 3:38:42 AM	55362
Ethylbenzene	ND	0.048		mg/Kg	1	9/26/2020 3:38:42 AM	55362
Xylenes, Total	ND	0.097		mg/Kg	1	9/26/2020 3:38:42 AM	55362
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	9/26/2020 3:38:42 AM	55362

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		

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## Analytical Report

Lab Order 2009C47

Date Reported: 9/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-3 1.5ft

Project: Devon Cotton Draw 203 H

Collection Date: 9/21/2020 10:50:00 AM

Lab ID: 2009C47-003

Matrix: SOIL

Received Date: 9/22/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/29/2020 12:36:52 AM	55495
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/23/2020 11:35:39 PM	55366
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/23/2020 11:35:39 PM	55366
Surr: DNOP	113	30.4-154		%Rec	1	9/23/2020 11:35:39 PM	55366
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/26/2020 4:02:23 AM	55362
Surr: BFB	87.8	75.3-105		%Rec	1	9/26/2020 4:02:23 AM	55362
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/26/2020 4:02:23 AM	55362
Toluene	ND	0.049		mg/Kg	1	9/26/2020 4:02:23 AM	55362
Ethylbenzene	ND	0.049		mg/Kg	1	9/26/2020 4:02:23 AM	55362
Xylenes, Total	ND	0.098		mg/Kg	1	9/26/2020 4:02:23 AM	55362
Surr: 4-Bromofluorobenzene	99.0	80-120		%Rec	1	9/26/2020 4:02:23 AM	55362

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		

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## Analytical Report

Lab Order 2009C47

Date Reported: 9/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-5 1.5ft

Project: Devon Cotton Draw 203 H

Collection Date: 9/21/2020 11:35:00 AM

Lab ID: 2009C47-004

Matrix: SOIL

Received Date: 9/22/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/29/2020 12:49:17 AM	55495
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/23/2020 11:45:41 PM	55366
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/23/2020 11:45:41 PM	55366
Surr: DNOP	93.3	30.4-154		%Rec	1	9/23/2020 11:45:41 PM	55366
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/26/2020 4:26:06 AM	55362
Surr: BFB	88.4	75.3-105		%Rec	1	9/26/2020 4:26:06 AM	55362
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/26/2020 4:26:06 AM	55362
Toluene	ND	0.050		mg/Kg	1	9/26/2020 4:26:06 AM	55362
Ethylbenzene	ND	0.050		mg/Kg	1	9/26/2020 4:26:06 AM	55362
Xylenes, Total	ND	0.10		mg/Kg	1	9/26/2020 4:26:06 AM	55362
Surr: 4-Bromofluorobenzene	99.7	80-120		%Rec	1	9/26/2020 4:26:06 AM	55362

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		

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## Analytical Report

Lab Order 2009C47

Date Reported: 9/29/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-11 West

Project: Devon Cotton Draw 203 H

Collection Date: 9/21/2020 12:10:00 PM

Lab ID: 2009C47-005

Matrix: SOIL

Received Date: 9/22/2020 7:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: CAS
Chloride	130	60		mg/Kg	20	9/29/2020 1:01:42 AM	55495
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/23/2020 11:55:39 PM	55366
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/23/2020 11:55:39 PM	55366
Surr: DNOP	87.5	30.4-154		%Rec	1	9/23/2020 11:55:39 PM	55366
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	9/26/2020 4:49:40 AM	55362
Surr: BFB	85.3	75.3-105		%Rec	1	9/26/2020 4:49:40 AM	55362
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	9/26/2020 4:49:40 AM	55362
Toluene	ND	0.047		mg/Kg	1	9/26/2020 4:49:40 AM	55362
Ethylbenzene	ND	0.047		mg/Kg	1	9/26/2020 4:49:40 AM	55362
Xylenes, Total	ND	0.094		mg/Kg	1	9/26/2020 4:49:40 AM	55362
Surr: 4-Bromofluorobenzene	99.7	80-120		%Rec	1	9/26/2020 4:49:40 AM	55362

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		

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009C47  
29-Sep-20

Client: Safety & Environmental Solutions  
Project: Devon Cotton Draw 203 H

Sample ID: MB-55495	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 55495	RunNo: 72217
Prep Date: 9/28/2020	Analysis Date: 9/28/2020	SeqNo: 2532335 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-55495	SampType: lcs	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 55495	RunNo: 72217
Prep Date: 9/28/2020	Analysis Date: 9/28/2020	SeqNo: 2532336 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 92.0 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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009C47

29-Sep-20

Client: Safety & Environmental Solutions

Project: Devon Cotton Draw 203 H

Sample ID: LCS-55366	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 55366	RunNo: 72066								
Prep Date: 9/22/2020	Analysis Date: 9/23/2020	SeqNo: 2527108	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	120	70	130			
Surr: DNOP	5.5		5.000		111	30.4	154			

Sample ID: MB-55366	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 55366	RunNo: 72066								
Prep Date: 9/22/2020	Analysis Date: 9/23/2020	SeqNo: 2527111	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	13		10.00		131	30.4	154			

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#: 2009C47

29-Sep-20

**Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203 H

Sample ID: <b>ics-55362</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>55362</b>	RunNo: <b>72151</b>								
Prep Date: <b>9/22/2020</b>	Analysis Date: <b>9/25/2020</b>	SeqNo: <b>2529247</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	97.2	72.5	106			
Surr: BFB	1000		1000		103	75.3	105			

Sample ID: <b>mb-55362</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>55362</b>	RunNo: <b>72151</b>								
Prep Date: <b>9/22/2020</b>	Analysis Date: <b>9/25/2020</b>	SeqNo: <b>2529249</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	880		1000		87.8	75.3	105			

Sample ID: <b>mb-55383</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>55383</b>	RunNo: <b>72151</b>								
Prep Date: <b>9/23/2020</b>	Analysis Date: <b>9/26/2020</b>	SeqNo: <b>2530060</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	910		1000		91.2	75.3	105			

Sample ID: <b>ics-55383</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>55383</b>	RunNo: <b>72151</b>								
Prep Date: <b>9/23/2020</b>	Analysis Date: <b>9/26/2020</b>	SeqNo: <b>2530061</b> Units: <b>%Rec</b>								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	75.3	105			

**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#: 2009C47

29-Sep-20

**Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203 H

Sample ID: <b>LCS-55362</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>55362</b>			RunNo: <b>72151</b>						
Prep Date: <b>9/22/2020</b>	Analysis Date: <b>9/25/2020</b>			SeqNo: <b>2529256</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	97.0	80	120			
Toluene	1.0	0.050	1.000	0	101	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.1	0.10	3.000	0	103	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		102	80	120			

Sample ID: <b>mb-55362</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>55362</b>			RunNo: <b>72151</b>						
Prep Date: <b>9/22/2020</b>	Analysis Date: <b>9/25/2020</b>			SeqNo: <b>2529258</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	1.0		1.000		102	80	120			

Sample ID: <b>mb-55383</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>55383</b>			RunNo: <b>72151</b>						
Prep Date: <b>9/23/2020</b>	Analysis Date: <b>9/26/2020</b>			SeqNo: <b>2530090</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		103	80	120			

Sample ID: <b>LCS-55383</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>55383</b>			RunNo: <b>72151</b>						
Prep Date: <b>9/23/2020</b>	Analysis Date: <b>9/26/2020</b>			SeqNo: <b>2530091</b>		Units: <b>%Rec</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			

**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: 2009C47

RcptNo: 1

Received By: Cheyenne Cason 9/22/2020 7:30:00 AM

Completed By: Juan Rojas 9/22/2020 8:56:57 AM

Reviewed By: *[Signature]*

*[Signature]*

*[Signature]*

### Chain of Custody

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

### Log In

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

# of preserved bottles checked for pH: \_\_\_\_\_  
(<2 or >12 unless noted)

Adjusted? \_\_\_\_\_

Checked by: *ENM 9/22/20*

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_ Date: \_\_\_\_\_  
By Whom: \_\_\_\_\_ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person  
Regarding: \_\_\_\_\_  
Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.6	Good				







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

April 13, 2020

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

RE: Devon Cotton Draw 203H

OrderNo.: 2004316

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 10 sample(s) on 4/8/2020 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 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-1 Bottom 1ft

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 9:30:00 AM

Lab ID: 2004316-001

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	800	60		mg/Kg	20	4/10/2020 9:50:30 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	54	9.4		mg/Kg	1	4/10/2020 12:43:47 PM	51667
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/10/2020 12:43:47 PM	51667
Surr: DNOP	99.8	55.1-146		%Rec	1	4/10/2020 12:43:47 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/10/2020 11:28:47 PM	51654
Surr: BFB	96.4	66.6-105		%Rec	1	4/10/2020 11:28:47 PM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	4/10/2020 11:28:47 PM	51654
Toluene	ND	0.050		mg/Kg	1	4/10/2020 11:28:47 PM	51654
Ethylbenzene	ND	0.050		mg/Kg	1	4/10/2020 11:28:47 PM	51654
Xylenes, Total	ND	0.099		mg/Kg	1	4/10/2020 11:28:47 PM	51654
Surr: 4-Bromofluorobenzene	97.7	80-120		%Rec	1	4/10/2020 11:28:47 PM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-2 Bottom 1ft

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 9:45:00 AM

Lab ID: 2004316-002

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	780	60		mg/Kg	20	4/10/2020 10:52:12 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	39	9.2		mg/Kg	1	4/10/2020 1:08:09 PM	51667
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	4/10/2020 1:08:09 PM	51667
Surr: DNOP	111	55.1-146		%Rec	1	4/10/2020 1:08:09 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/10/2020 11:52:41 PM	51654
Surr: BFB	96.3	66.6-105		%Rec	1	4/10/2020 11:52:41 PM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	4/10/2020 11:52:41 PM	51654
Toluene	ND	0.049		mg/Kg	1	4/10/2020 11:52:41 PM	51654
Ethylbenzene	ND	0.049		mg/Kg	1	4/10/2020 11:52:41 PM	51654
Xylenes, Total	ND	0.099		mg/Kg	1	4/10/2020 11:52:41 PM	51654
Surr: 4-Bromofluorobenzene	97.0	80-120		%Rec	1	4/10/2020 11:52:41 PM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-3 West Wall

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 10:00:00 AM

Lab ID: 2004316-003

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	820	60		mg/Kg	20	4/10/2020 11:04:34 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	25	10		mg/Kg	1	4/10/2020 1:32:32 PM	51667
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/10/2020 1:32:32 PM	51667
Surr: DNOP	111	55.1-146		%Rec	1	4/10/2020 1:32:32 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2020 12:16:36 AM	51654
Surr: BFB	94.5	66.6-105		%Rec	1	4/11/2020 12:16:36 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	4/11/2020 12:16:36 AM	51654
Toluene	ND	0.049		mg/Kg	1	4/11/2020 12:16:36 AM	51654
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2020 12:16:36 AM	51654
Xylenes, Total	ND	0.098		mg/Kg	1	4/11/2020 12:16:36 AM	51654
Surr: 4-Bromofluorobenzene	95.4	80-120		%Rec	1	4/11/2020 12:16:36 AM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-4 East Wall

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 10:15:00 AM

Lab ID: 2004316-004

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/10/2020 11:16:56 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	19	9.4		mg/Kg	1	4/10/2020 1:56:54 PM	51667
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/10/2020 1:56:54 PM	51667
Surr: DNOP	108	55.1-146		%Rec	1	4/10/2020 1:56:54 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	4/11/2020 12:40:26 AM	51654
Surr: BFB	100	66.6-105		%Rec	1	4/11/2020 12:40:26 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	4/11/2020 12:40:26 AM	51654
Toluene	ND	0.050		mg/Kg	1	4/11/2020 12:40:26 AM	51654
Ethylbenzene	ND	0.050		mg/Kg	1	4/11/2020 12:40:26 AM	51654
Xylenes, Total	ND	0.099		mg/Kg	1	4/11/2020 12:40:26 AM	51654
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	4/11/2020 12:40:26 AM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-5 Bottom 1 ft

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 10:30:00 AM

Lab ID: 2004316-005

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	800	60		mg/Kg	20	4/10/2020 11:29:17 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	25	9.6		mg/Kg	1	4/10/2020 2:21:20 PM	51667
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/10/2020 2:21:20 PM	51667
Surr: DNOP	108	55.1-146		%Rec	1	4/10/2020 2:21:20 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2020 1:04:12 AM	51654
Surr: BFB	99.7	66.6-105		%Rec	1	4/11/2020 1:04:12 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.025		mg/Kg	1	4/11/2020 1:04:12 AM	51654
Toluene	ND	0.049		mg/Kg	1	4/11/2020 1:04:12 AM	51654
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2020 1:04:12 AM	51654
Xylenes, Total	ND	0.098		mg/Kg	1	4/11/2020 1:04:12 AM	51654
Surr: 4-Bromofluorobenzene	99.8	80-120		%Rec	1	4/11/2020 1:04:12 AM	51654

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 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-6 West Wall

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 10:50:00 AM

Lab ID: 2004316-006

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/10/2020 11:41:38 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	25	9.5		mg/Kg	1	4/10/2020 2:45:45 PM	51667
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	4/10/2020 2:45:45 PM	51667
Surr: DNOP	92.8	55.1-146		%Rec	1	4/10/2020 2:45:45 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2020 1:28:04 AM	51654
Surr: BFB	99.9	66.6-105		%Rec	1	4/11/2020 1:28:04 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	4/11/2020 1:28:04 AM	51654
Toluene	ND	0.047		mg/Kg	1	4/11/2020 1:28:04 AM	51654
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2020 1:28:04 AM	51654
Xylenes, Total	ND	0.094		mg/Kg	1	4/11/2020 1:28:04 AM	51654
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	4/11/2020 1:28:04 AM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-7 East Wall

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 11:20:00 AM

Lab ID: 2004316-007

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/10/2020 11:53:59 PM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	15	9.3		mg/Kg	1	4/10/2020 3:10:07 PM	51667
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/10/2020 3:10:07 PM	51667
Surr: DNOP	95.0	55.1-146		%Rec	1	4/10/2020 3:10:07 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2020 1:51:57 AM	51654
Surr: BFB	99.5	66.6-105		%Rec	1	4/11/2020 1:51:57 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	4/11/2020 1:51:57 AM	51654
Toluene	ND	0.047		mg/Kg	1	4/11/2020 1:51:57 AM	51654
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2020 1:51:57 AM	51654
Xylenes, Total	ND	0.095		mg/Kg	1	4/11/2020 1:51:57 AM	51654
Surr: 4-Bromofluorobenzene	99.1	80-120		%Rec	1	4/11/2020 1:51:57 AM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-8 Bottom 1 ft

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 11:45:00 AM

Lab ID: 2004316-008

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/11/2020 12:06:22 AM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	23	9.4		mg/Kg	1	4/10/2020 3:34:24 PM	51667
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	4/10/2020 3:34:24 PM	51667
Surr: DNOP	90.4	55.1-146		%Rec	1	4/10/2020 3:34:24 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2020 3:03:31 AM	51654
Surr: BFB	98.5	66.6-105		%Rec	1	4/11/2020 3:03:31 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	4/11/2020 3:03:31 AM	51654
Toluene	ND	0.049		mg/Kg	1	4/11/2020 3:03:31 AM	51654
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2020 3:03:31 AM	51654
Xylenes, Total	ND	0.097		mg/Kg	1	4/11/2020 3:03:31 AM	51654
Surr: 4-Bromofluorobenzene	98.8	80-120		%Rec	1	4/11/2020 3:03:31 AM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-9 South Wall

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 12:00:00 PM

Lab ID: 2004316-009

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/11/2020 12:18:43 AM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	21	10		mg/Kg	1	4/10/2020 3:58:49 PM	51667
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/10/2020 3:58:49 PM	51667
Surr: DNOP	105	55.1-146		%Rec	1	4/10/2020 3:58:49 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	4/11/2020 3:27:21 AM	51654
Surr: BFB	98.9	66.6-105		%Rec	1	4/11/2020 3:27:21 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	4/11/2020 3:27:21 AM	51654
Toluene	ND	0.047		mg/Kg	1	4/11/2020 3:27:21 AM	51654
Ethylbenzene	ND	0.047		mg/Kg	1	4/11/2020 3:27:21 AM	51654
Xylenes, Total	ND	0.094		mg/Kg	1	4/11/2020 3:27:21 AM	51654
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	4/11/2020 3:27:21 AM	51654

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		

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## Analytical Report

Lab Order 2004316

Date Reported: 4/13/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: SP-10 North Wall

Project: Devon Cotton Draw 203H

Collection Date: 4/7/2020 12:30:00 PM

Lab ID: 2004316-010

Matrix: SOIL

Received Date: 4/8/2020 8:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	4/11/2020 12:55:44 AM	51715
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	17	9.9		mg/Kg	1	4/10/2020 4:23:16 PM	51667
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	4/10/2020 4:23:16 PM	51667
Surr: DNOP	106	55.1-146		%Rec	1	4/10/2020 4:23:16 PM	51667
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>RAA</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/11/2020 3:51:06 AM	51654
Surr: BFB	98.4	66.6-105		%Rec	1	4/11/2020 3:51:06 AM	51654
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>RAA</b>
Benzene	ND	0.024		mg/Kg	1	4/11/2020 3:51:06 AM	51654
Toluene	ND	0.049		mg/Kg	1	4/11/2020 3:51:06 AM	51654
Ethylbenzene	ND	0.049		mg/Kg	1	4/11/2020 3:51:06 AM	51654
Xylenes, Total	ND	0.097		mg/Kg	1	4/11/2020 3:51:06 AM	51654
Surr: 4-Bromofluorobenzene	97.9	80-120		%Rec	1	4/11/2020 3:51:06 AM	51654

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		

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2004316

13-Apr-20

Client: Safety & Environmental Solutions

Project: Devon Cotton Draw 203H

Sample ID: MB-51715	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 51715	RunNo: 68013								
Prep Date: 4/10/2020	Analysis Date: 4/10/2020	SeqNo: 2351114	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-51715	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 51715	RunNo: 68013								
Prep Date: 4/10/2020	Analysis Date: 4/10/2020	SeqNo: 2351115	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.5	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#: 2004316

13-Apr-20

**Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203H

Sample ID: <b>LCS-51667</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>51667</b>			RunNo: <b>68031</b>						
Prep Date: <b>4/8/2020</b>	Analysis Date: <b>4/10/2020</b>			SeqNo: <b>2350865</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	70	130			
Surr: DNOP	5.0		5.000		101	55.1	146			

Sample ID: <b>MB-51667</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>						
Client ID: <b>PBS</b>	Batch ID: <b>51667</b>			RunNo: <b>68031</b>						
Prep Date: <b>4/8/2020</b>	Analysis Date: <b>4/10/2020</b>			SeqNo: <b>2350866</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	11		10.00		105	55.1	146			

**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#: 2004316

13-Apr-20

Client: Safety & Environmental Solutions  
Project: Devon Cotton Draw 203H

Sample ID: <b>lcs-51654</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>51654</b>				RunNo: <b>68015</b>					
Prep Date: <b>4/8/2020</b>	Analysis Date: <b>4/10/2020</b>				SeqNo: <b>2350912</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	95.4	80	120			
Surr: BFB	1100		1000		107	66.6	105			S

Sample ID: <b>mb-51654</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015D: Gasoline Range</b>					
Client ID: <b>PBS</b>	Batch ID: <b>51654</b>				RunNo: <b>68015</b>					
Prep Date: <b>4/8/2020</b>	Analysis Date: <b>4/10/2020</b>				SeqNo: <b>2350914</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	66.6	105			

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#: 2004316

13-Apr-20

**Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203H

Sample ID: <b>LCS-51654</b>	SampType: <b>LCS</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>LCSS</b>	Batch ID: <b>51654</b>			RunNo: <b>68015</b>						
Prep Date: <b>4/8/2020</b>	Analysis Date: <b>4/10/2020</b>			SeqNo: <b>2350959</b>		Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	91.0	80	120			
Toluene	0.96	0.050	1.000	0	95.6	80	120			
Ethylbenzene	0.99	0.050	1.000	0	98.7	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.2	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID: <b>mb-51654</b>	SampType: <b>MBLK</b>			TestCode: <b>EPA Method 8021B: Volatiles</b>						
Client ID: <b>PBS</b>	Batch ID: <b>51654</b>			RunNo: <b>68015</b>						
Prep Date: <b>4/8/2020</b>	Analysis Date: <b>4/10/2020</b>			SeqNo: <b>2350961</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	0.99		1.000		98.8	80	120			

**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: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: Safety Env Solutions

Work Order Number: 2004316

RcptNo: 1

Received By: Juan Rojas

4/8/2020 8:20:00 AM

Completed By: Isaiah Ortiz

4/8/2020 9:32:21 AM

Reviewed By: *IO*

4/8/20

*Hansen**IOX*Chain of Custody

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

Log In

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

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

Adjusted? \_\_\_\_\_

Checked by: *DAD 4/8/20*

Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.3	Good	Not Present			

**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

Chain-of-Custody Record						
Client: <u>City of Baton Rouge</u> <u>Solutions</u>						
Mailing Address: <u>703 E. Clinton</u> <u>Hobbs NM 88240</u>						
Phone #: <u>575-397-0510</u> email or Fax#:						
QA/QC Package: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)						
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other						
<input type="checkbox"/> EDD (Type)						
Turn-Around Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush						
Project Name: <u>Devon Brown 203A</u> <u>Wot 208+3117</u>						
Project #: <u>DEV-20-032</u>						
Project Manager: <u>Allen, Bob</u>						
Sampler: <u>Sam Jany</u>						
On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
# of Coolers: <u>1</u>						
Cooler Temp (including CF): <u>4.6-6.3=4.3 (°C)</u>						
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
04/07	0930	S	SP-1 Bottom LG	1	Space	2004316
	0945	S	SP-2 Bottom LG	1	Neat	-001
	1000	S	SP-3 West	1		-002
	1015	S	SP-4 West	1		-003
	1030	S	SP-5 Bottom LG	1		-004
	1050	S	SP-6 West	1		-005
	1120	S	SP-7 West	1		-006
	1145	S	SP-8 Bottom LG	1		-007
	1200	S	SP-9 South	1		-008
	1230	S	SP-10 South	1		-009
						-010
Relinquished by: <u>Sam Jany</u>				Received by: <u>[Signature]</u>		
Date:	Time:	Relinquished by:		Date: Time:		
04/07	1600	<u>Sam Jany</u>		4/7/20 1630		
Date:	Time:	Relinquished by:		Date: Time:		
4/7/20	1900	<u>[Signature]</u>		4/8/20 8:30		





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
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TEL: 505-345-3975 FAX: 505-345-4107  
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April 03, 2020

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

RE: Devon Cotton Draw 203H

OrderNo.: 2003B24

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 9 sample(s) on 3/25/2020 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 horizontal line.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-1 Surface

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 11:45:00 AM

Lab ID: 2003B24-001

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: JMT
Chloride	560	60		mg/Kg	20	3/27/2020 12:49:39 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: TOM
Diesel Range Organics (DRO)	11000	470		mg/Kg	50	3/28/2020 8:31:07 PM	51350
Motor Oil Range Organics (MRO)	4400	2400		mg/Kg	50	3/28/2020 8:31:07 PM	51350
Surr: DNOP	0	55.1-146	S	%Rec	50	3/28/2020 8:31:07 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: NSB
Gasoline Range Organics (GRO)	580	49		mg/Kg	10	3/29/2020 10:20:52 AM	51345
Surr: BFB	165	66.6-105	S	%Rec	10	3/29/2020 10:20:52 AM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: NSB
Benzene	ND	0.24		mg/Kg	10	3/29/2020 10:20:52 AM	51345
Toluene	210	4.9		mg/Kg	100	3/30/2020 1:13:42 PM	51345
Ethylbenzene	ND	0.49		mg/Kg	10	3/29/2020 10:20:52 AM	51345
Xylenes, Total	2.5	0.98		mg/Kg	10	3/29/2020 10:20:52 AM	51345
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	10	3/29/2020 10:20:52 AM	51345

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 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-1 1'

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 11:55:00 AM

Lab ID: 2003B24-002

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	550	61		mg/Kg	20	3/27/2020 1:26:40 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	350	9.1		mg/Kg	1	3/28/2020 9:14:59 PM	51350
Motor Oil Range Organics (MRO)	180	46		mg/Kg	1	3/28/2020 9:14:59 PM	51350
Surr: DNOP	104	55.1-146		%Rec	1	3/28/2020 9:14:59 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	25	D	mg/Kg	5	3/29/2020 10:44:36 AM	51345
Surr: BFB	93.1	66.6-105	D	%Rec	5	3/29/2020 10:44:36 AM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.12	D	mg/Kg	5	3/29/2020 10:44:36 AM	51345
Toluene	ND	0.25	D	mg/Kg	5	3/29/2020 10:44:36 AM	51345
Ethylbenzene	ND	0.25	D	mg/Kg	5	3/29/2020 10:44:36 AM	51345
Xylenes, Total	ND	0.50	D	mg/Kg	5	3/29/2020 10:44:36 AM	51345
Surr: 4-Bromofluorobenzene	104	80-120	D	%Rec	5	3/29/2020 10:44:36 AM	51345

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			

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## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-1 2'

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 12:15:00 PM

Lab ID: 2003B24-003

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	300	60		mg/Kg	20	3/27/2020 1:39:01 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/27/2020 6:18:29 PM	51350
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2020 6:18:29 PM	51350
Surr: DNOP	110	55.1-146		%Rec	1	3/27/2020 6:18:29 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/29/2020 11:08:19 AM	51345
Surr: BFB	94.3	66.6-105		%Rec	1	3/29/2020 11:08:19 AM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	3/29/2020 11:08:19 AM	51345
Toluene	ND	0.047		mg/Kg	1	3/29/2020 11:08:19 AM	51345
Ethylbenzene	ND	0.047		mg/Kg	1	3/29/2020 11:08:19 AM	51345
Xylenes, Total	ND	0.094		mg/Kg	1	3/29/2020 11:08:19 AM	51345
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	3/29/2020 11:08:19 AM	51345

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

## 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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## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-2 Surface

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 12:35:00 PM

Lab ID: 2003B24-004

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	910	60		mg/Kg	20	3/27/2020 1:51:21 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	5600	95		mg/Kg	10	3/27/2020 6:42:39 PM	51350
Motor Oil Range Organics (MRO)	5000	480		mg/Kg	10	3/27/2020 6:42:39 PM	51350
Surr: DNOP	0	55.1-146	S	%Rec	10	3/27/2020 6:42:39 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/29/2020 11:32:04 AM	51345
Surr: BFB	94.2	66.6-105		%Rec	1	3/29/2020 11:32:04 AM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	3/29/2020 11:32:04 AM	51345
Toluene	ND	0.049		mg/Kg	1	3/29/2020 11:32:04 AM	51345
Ethylbenzene	ND	0.049		mg/Kg	1	3/29/2020 11:32:04 AM	51345
Xylenes, Total	ND	0.097		mg/Kg	1	3/29/2020 11:32:04 AM	51345
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	3/29/2020 11:32:04 AM	51345

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 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-2 1'

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 12:45:00 PM

Lab ID: 2003B24-005

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	140	60		mg/Kg	20	3/27/2020 2:03:42 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/27/2020 7:06:58 PM	51350
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2020 7:06:58 PM	51350
Surr: DNOP	103	55.1-146		%Rec	1	3/27/2020 7:06:58 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	3/29/2020 1:29:40 PM	51345
Surr: BFB	94.5	66.6-105		%Rec	1	3/29/2020 1:29:40 PM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.025		mg/Kg	1	3/29/2020 1:29:40 PM	51345
Toluene	ND	0.049		mg/Kg	1	3/29/2020 1:29:40 PM	51345
Ethylbenzene	ND	0.049		mg/Kg	1	3/29/2020 1:29:40 PM	51345
Xylenes, Total	ND	0.098		mg/Kg	1	3/29/2020 1:29:40 PM	51345
Surr: 4-Bromofluorobenzene	106	80-120		%Rec	1	3/29/2020 1:29:40 PM	51345

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

## 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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## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-3 Surface

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 1:05:00 PM

Lab ID: 2003B24-006

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	210	60		mg/Kg	20	3/27/2020 2:16:02 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	11000	500		mg/Kg	50	3/28/2020 9:58:53 PM	51350
Motor Oil Range Organics (MRO)	4400	2500		mg/Kg	50	3/28/2020 9:58:53 PM	51350
Surr: DNOP	0	55.1-146	S	%Rec	50	3/28/2020 9:58:53 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	66	4.8		mg/Kg	1	3/29/2020 1:53:14 PM	51345
Surr: BFB	739	66.6-105	S	%Rec	1	3/29/2020 1:53:14 PM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	3/29/2020 1:53:14 PM	51345
Toluene	ND	0.048		mg/Kg	1	3/29/2020 1:53:14 PM	51345
Ethylbenzene	ND	0.048		mg/Kg	1	3/29/2020 1:53:14 PM	51345
Xylenes, Total	ND	0.097		mg/Kg	1	3/29/2020 1:53:14 PM	51345
Surr: 4-Bromofluorobenzene	136	80-120	S	%Rec	1	3/29/2020 1:53:14 PM	51345

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

**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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## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-3 1'

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 1:25:00 PM

Lab ID: 2003B24-007

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	130	60		mg/Kg	20	3/27/2020 2:28:23 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	3/27/2020 7:55:09 PM	51350
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	3/27/2020 7:55:09 PM	51350
Surr: DNOP	95.3	55.1-146		%Rec	1	3/27/2020 7:55:09 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	3/29/2020 2:16:44 PM	51345
Surr: BFB	94.4	66.6-105		%Rec	1	3/29/2020 2:16:44 PM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	3/29/2020 2:16:44 PM	51345
Toluene	ND	0.047		mg/Kg	1	3/29/2020 2:16:44 PM	51345
Ethylbenzene	ND	0.047		mg/Kg	1	3/29/2020 2:16:44 PM	51345
Xylenes, Total	ND	0.094		mg/Kg	1	3/29/2020 2:16:44 PM	51345
Surr: 4-Bromofluorobenzene	110	80-120		%Rec	1	3/29/2020 2:16:44 PM	51345

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			

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## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-4 Surface

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 1:40:00 PM

Lab ID: 2003B24-008

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	92	60		mg/Kg	20	3/27/2020 3:05:26 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	6200	87		mg/Kg	10	3/27/2020 8:19:01 PM	51350
Motor Oil Range Organics (MRO)	2300	440		mg/Kg	10	3/27/2020 8:19:01 PM	51350
Surr: DNOP	0	55.1-146	S	%Rec	10	3/27/2020 8:19:01 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	37	23		mg/Kg	5	3/29/2020 2:40:06 PM	51345
Surr: BFB	166	66.6-105	S	%Rec	5	3/29/2020 2:40:06 PM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.11	D	mg/Kg	5	3/29/2020 2:40:06 PM	51345
Toluene	ND	0.23	D	mg/Kg	5	3/29/2020 2:40:06 PM	51345
Ethylbenzene	ND	0.23	D	mg/Kg	5	3/29/2020 2:40:06 PM	51345
Xylenes, Total	ND	0.46	D	mg/Kg	5	3/29/2020 2:40:06 PM	51345
Surr: 4-Bromofluorobenzene	110	80-120	D	%Rec	5	3/29/2020 2:40:06 PM	51345

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

**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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## Analytical Report

Lab Order 2003B24

Date Reported: 4/3/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety &amp; Environmental Solutions

Client Sample ID: AH-4 1'

Project: Devon Cotton Draw 203H

Collection Date: 3/24/2020 2:00:00 PM

Lab ID: 2003B24-009

Matrix: SOIL

Received Date: 3/25/2020 8:30:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>JMT</b>
Chloride	590	60		mg/Kg	20	3/27/2020 3:17:47 PM	51365
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	3/27/2020 8:43:02 PM	51350
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	3/27/2020 8:43:02 PM	51350
Surr: DNOP	97.9	55.1-146		%Rec	1	3/27/2020 8:43:02 PM	51350
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	3/29/2020 3:03:30 PM	51345
Surr: BFB	95.3	66.6-105		%Rec	1	3/29/2020 3:03:30 PM	51345
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.023		mg/Kg	1	3/29/2020 3:03:30 PM	51345
Toluene	ND	0.046		mg/Kg	1	3/29/2020 3:03:30 PM	51345
Ethylbenzene	ND	0.046		mg/Kg	1	3/29/2020 3:03:30 PM	51345
Xylenes, Total	ND	0.092		mg/Kg	1	3/29/2020 3:03:30 PM	51345
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	3/29/2020 3:03:30 PM	51345

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			

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2003B24  
03-Apr-20

Client: Safety & Environmental Solutions  
Project: Devon Cotton Draw 203H

Sample ID: MB-51365	SampType: mblk	TestCode: EPA Method 300.0: Anions
Client ID: PBS	Batch ID: 51365	RunNo: 67624
Prep Date: 3/27/2020	Analysis Date: 3/27/2020	SeqNo: 2335274 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	ND	1.5

Sample ID: LCS-51365	SampType: lcs	TestCode: EPA Method 300.0: Anions
Client ID: LCSS	Batch ID: 51365	RunNo: 67624
Prep Date: 3/27/2020	Analysis Date: 3/27/2020	SeqNo: 2335275 Units: mg/Kg
Analyte	Result	PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride	14	1.5 15.00 0 91.3 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#: **2003B24****03-Apr-20****Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203H

Sample ID: <b>LCS-51350</b>	SampType: <b>LCS</b>				TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>					
Client ID: <b>LCSS</b>	Batch ID: <b>51350</b>				RunNo: <b>67614</b>					
Prep Date: <b>3/26/2020</b>	Analysis Date: <b>3/27/2020</b>				SeqNo: <b>2334994</b>	Units: <b>mg/Kg</b>				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	56	10	50.00	0	112	70	130			
Surr: DNOP	5.0		5.000		101	55.1	146			

Sample ID: <b>MB-51350</b>	SampType: <b>MBLK</b>				TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>					
Client ID: <b>PBS</b>	Batch ID: <b>51350</b>				RunNo: <b>67614</b>					
Prep Date: <b>3/26/2020</b>	Analysis Date: <b>3/27/2020</b>				SeqNo: <b>2334995</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	11		10.00		114	55.1	146			

**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#: **2003B24****03-Apr-20****Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203H

Sample ID: <b>MB-51345</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>51345</b>	RunNo: <b>67672</b>								
Prep Date: <b>3/26/2020</b>	Analysis Date: <b>3/29/2020</b>	SeqNo: <b>2336425</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		95.8	66.6	105			

Sample ID: <b>lcs-51345</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>51345</b>	RunNo: <b>67672</b>								
Prep Date: <b>3/26/2020</b>	Analysis Date: <b>3/29/2020</b>	SeqNo: <b>2336426</b>		Units: <b>mg/Kg</b>						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	81.9	80	120			
Surr: BFB	1000		1000		105	66.6	105			

**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#: **2003B24****03-Apr-20****Client:** Safety & Environmental Solutions**Project:** Devon Cotton Draw 203H

Sample ID: <b>MB-51345</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>PBS</b>	Batch ID: <b>51345</b>	RunNo: <b>67672</b>								
Prep Date: <b>3/26/2020</b>	Analysis Date: <b>3/29/2020</b>	SeqNo: <b>2336465</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	1.0		1.000		103	80	120			

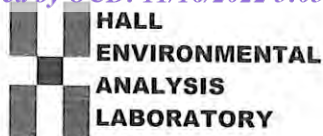
Sample ID: <b>lcs-51345</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8021B: Volatiles</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>51345</b>	RunNo: <b>67711</b>								
Prep Date: <b>3/26/2020</b>	Analysis Date: <b>3/30/2020</b>	SeqNo: <b>2337641</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.82	0.025	1.000	0	81.8	80	120			
Toluene	0.86	0.050	1.000	0	85.6	80	120			
Ethylbenzene	0.88	0.050	1.000	0	88.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	89.0	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		106	80	120			

**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: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: **Safety Env Solutions**Work Order Number: **2003B24**

RcptNo: 1

Received By: **Juan Rojas**

3/25/2020 8:30:00 AM

*Juan Rojas*Completed By: **Anne Thorne**

3/25/2020 1:37:49 PM

*Anne Thorne*Reviewed By: **DAD 3/26/20**

### Chain of Custody

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

### Log In

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

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted?

Checked by:

*IO*  
*3/26/20*

### Special Handling (if applicable)

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

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.2	Good	Yes			

**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

Chain-of-Custody Record				Turn-Around Time: 5 day Turn					
Client: Siftly + Environmental Solutions				<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush					
Mailing Address: 703 E. CLINTON				Project Name: DeLeon Cotton Drive 203 #					
Phone #: 575-397-0510				Project #: W08 20843117					
email or Fax#:				Project #: DEV-20-032					
QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)				Project Manager: Allen, Bob					
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other				Sampler: Rosa Jerry					
<input type="checkbox"/> EDD (Type)				On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
				# of Coolers: 1					
				Cooler Temp (including CF): 0.2-0 = 0.2 (°C)					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.			
8/24	1145	S	AA-1 Surface	1	Free	2003B24	201		
	1155	S	AA-1 1F	1	Free		202		
	1215	S	AA-1 2F	1			203		
	1235	S	AA-2 Surface	1			204		
	1245	S	AA-2 1F	1			205		
	1305	S	AA-3 Surface	1			206		
	1325	S	AA-3 1F	1			207		
	1340	S	AA-4 Surface	1			208		
	1400	S	AA-4 1F	1			209		
Date:	Time:	Relinquished by:	Received by:					Date:	Time:
8/24	1700	Rosa Jerry	[Signature]					3/24/20	1900
Date:	Time:	Relinquished by:	Received by:					Date:	Time:
8/20	1900	[Signature]	[Signature]					3/25/20	8:30

necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Incident ID	NAB1812237802
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: Dale Woodall Title: Env. Professional  
Signature: Dale Woodall Date: 11/16/2022  
email: dale.woodall@dvn.com Telephone: 575-748-1838

**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 159481

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 159481
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAB1812237802 COTTON DRAW UNIT #203H, thank you. This closure is approved.	2/14/2023