

Incident ID	NOY1817145696
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: 11/14/2022
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: OCD Date: 11/17/2022

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.

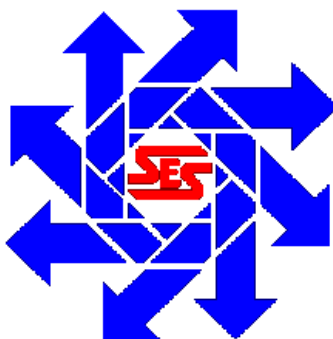
Closure Approved by: Ashley Maxwell Date: 2/17/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

**Devon Energy Production Company
Lusitano 27-34 Fed Com 718H**

**Closure Report
UL M, Section 15, T23S, R33E
Eddy County, New Mexico**

NOY1817145696

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 Lusitano 27-34 Fed Com 718H location concerning a 17 bbls produced water release. According to the C-141, a hose clap going to a "Y" that connected the standby pump and the main downhole pump failed and caused the spill. Zero barrels of fluid were recovered. This site is situated in Lea County, Section 15, Township 23S, and Range 33E.

SESI personnel performed an assessment of the site in April 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 between 80' and 100' 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 September 2020, SESI personnel performed sampling to determine vertical extent of the release. SESI advanced 2 auger holes within the leak area. The samples were properly packaged and preserved and sent to Hall Laboratories for analysis. The results of the testing are captured in the summary below:

Devon Energy Lusitano 27-34 Fed Com 718H Soil Sample Results: Hall Environmental Laboratories 9/3/20								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
H-1 East	ND	ND	ND	ND	ND	ND	ND	ND
H-2 Southeast	ND	ND	ND	ND	ND	ND	ND	ND
H-3 Northeast	ND	ND	ND	ND	ND	ND	ND	ND
AH-4 Surface	180	ND	ND	ND	ND	ND	ND	ND
AH-5 Surface	180	ND	12	ND	ND	ND	ND	ND
AH-6 Surface	170	ND	ND	ND	ND	ND	ND	ND
H-7 North	ND	ND	ND	ND	ND	ND	ND	ND
H-8 South	ND	ND	ND	ND	ND	ND	ND	ND
AH-9 Surface	ND	ND	ND	ND	ND	ND	ND	ND
AH-10 Surface	130	ND	ND	ND	ND	ND	ND	ND
H-11 Southwest	ND	ND	ND	ND	ND	ND	ND	ND
H-12 Northwest	ND	ND	ND	ND	ND	ND	ND	ND

Remediation

Based on the results of the delineation, SESI, determined No further action is necessary at this time. All samples used in the delineation were initially field tested, but when samples were sent to the lab for confirmation, the analysis of the results indicates that soil was not impacted in this release.

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

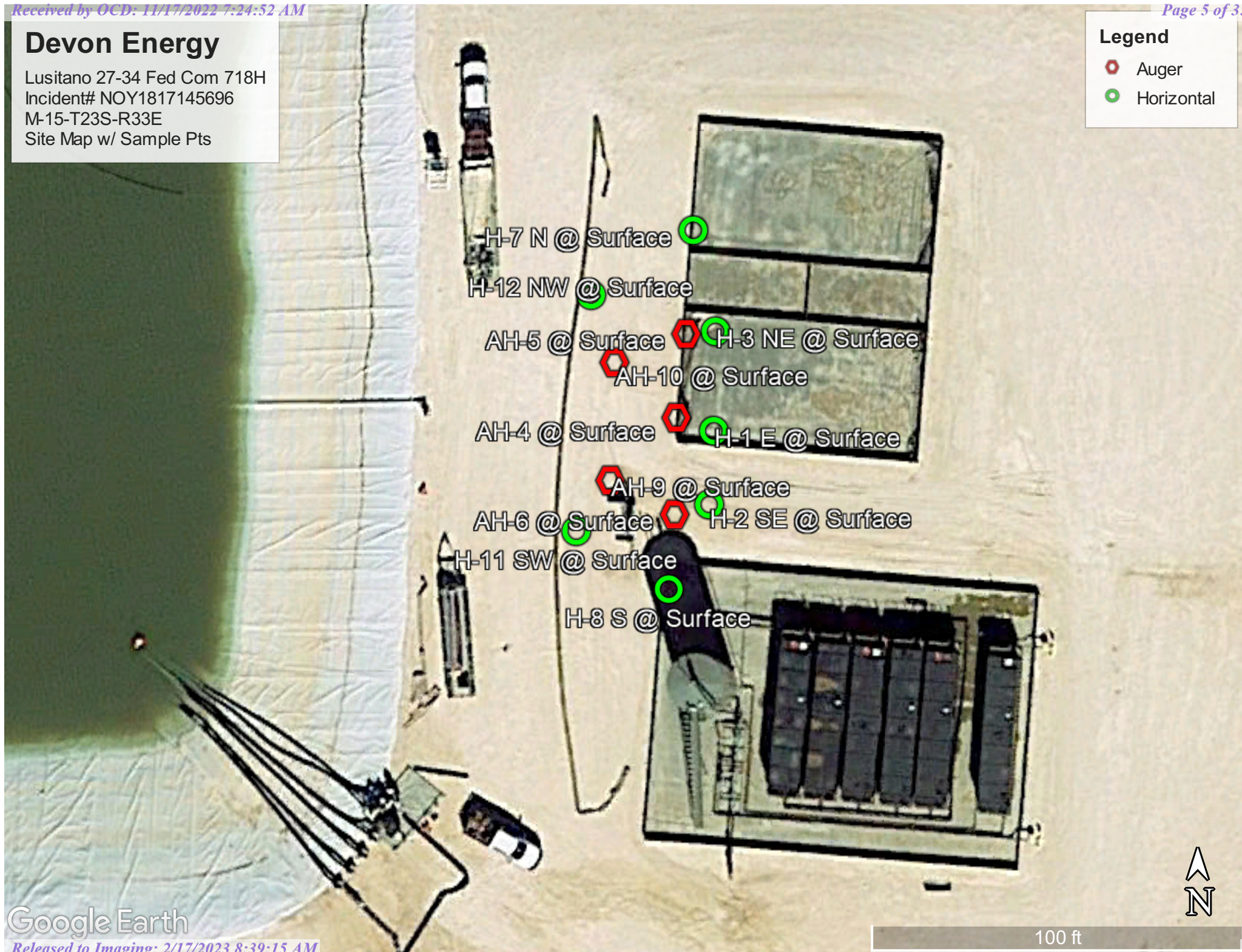
Map of Release with sample locations
 Photos of release and remediation
 NMOCD Oil and Gas Map
 BLM Cave Karst Map
 Laboratory Analysis
 C-141, pages 3-6

Devon Energy

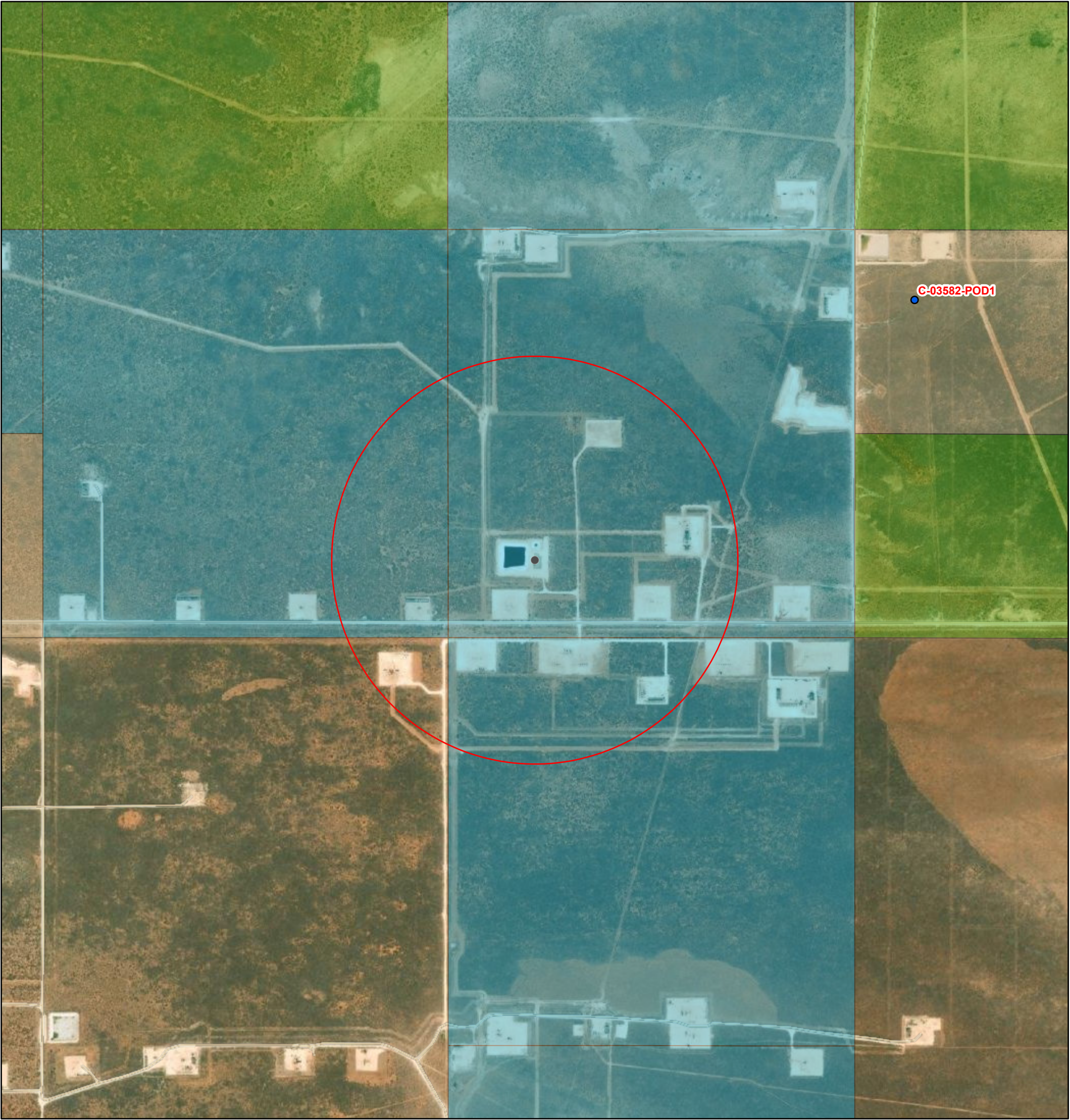
Lusitano 27-34 Fed Com 718H
Incident# NOY1817145696
M-15-T23S-R33E
Site Map w/ Sample Pts

Legend

- Auger
- Horizontal



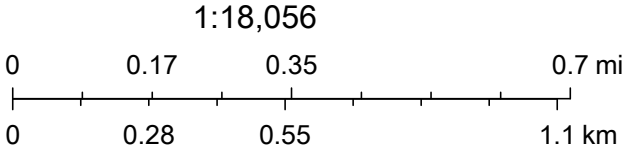
OSE PUBLIC PRINT



8/23/2021, 2:40:37 PM

GIS WATERS PODs

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



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



USGS Home
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Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 321746103352301

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

USGS 321746103352301 23S.33E.17.42331

Lea County, New Mexico
Latitude 32°17'46", Longitude 103°35'23" NAD27
Land-surface elevation 3,699 feet above NAVD88
The depth of the well is 550 feet below land surface.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1972-09-21		D	504.40			2			U	
1976-12-08		D	470.50			2			U	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)
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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)






Page Last Modified: 2020-03-25 15:15:02 EDT

0.29 0.26 nadww01

Devon Energy

Lusitano 27-34 Fed Com 718H
Karst Map - Low
M-15-T23S-R33E
Incident #NOY1817145696

Legend

-  @ Surface
-  @ Surface
-  High
-  Low
-  Medium

H-7 N @ Surface

H-12 NW @ Surface

AH-5 @ Surface

AH-10 @ Surface

H-3 NE @ Surface

AH-4 @ Surface

H-1 E @ Surface

AH-9 @ Surface

AH-6 @ Surface

H-11 SW @ Surface

H-2 SE @ Surface

H-8 S @ Surface



Devon Energy

Lusitano 27-34 Fed Com 718H Site Photos



Devon Energy

Lusitano 27-34 Fed Com 718H Site Photos





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

September 16, 2020

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

RE: Devon Lusitmo 27-34 Fed Com 718H

OrderNo.: 2009395

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 12 sample(s) on 9/5/2020 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 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 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-1 East

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 10:45:00 AM

Lab ID: 2009395-001

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 3:08:40 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/10/2020 8:17:11 PM	55019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2020 8:17:11 PM	55019
Surr: DNOP	98.4	30.4-154		%Rec	1	9/10/2020 8:17:11 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 3:54:31 PM	54985
Surr: BFB	104	75.3-105		%Rec	1	9/11/2020 3:54:31 PM	54985
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/10/2020 11:12:17 PM	54985
Toluene	ND	0.049		mg/Kg	1	9/10/2020 11:12:17 PM	54985
Ethylbenzene	ND	0.049		mg/Kg	1	9/10/2020 11:12:17 PM	54985
Xylenes, Total	ND	0.098		mg/Kg	1	9/10/2020 11:12:17 PM	54985
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/10/2020 11:12:17 PM	54985

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-2 South East

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 11:05:00 AM

Lab ID: 2009395-002

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 3:45:52 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	9/10/2020 9:29:22 PM	55019
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/10/2020 9:29:22 PM	55019
Surr: DNOP	101	30.4-154		%Rec	1	9/10/2020 9:29:22 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 4:17:59 PM	54985
Surr: BFB	101	75.3-105		%Rec	1	9/11/2020 4:17:59 PM	54985
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 12:23:00 AM	54985
Toluene	ND	0.049		mg/Kg	1	9/11/2020 12:23:00 AM	54985
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 12:23:00 AM	54985
Xylenes, Total	ND	0.099		mg/Kg	1	9/11/2020 12:23:00 AM	54985
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/11/2020 12:23:00 AM	54985

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-3 North East

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 11:30:00 AM

Lab ID: 2009395-003

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 3:58:17 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/10/2020 9:53:24 PM	55019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2020 9:53:24 PM	55019
Surr: DNOP	103	30.4-154		%Rec	1	9/10/2020 9:53:24 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/11/2020 4:41:24 PM	54986
Surr: BFB	95.1	75.3-105		%Rec	1	9/11/2020 4:41:24 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 1:33:29 AM	54986
Toluene	ND	0.050		mg/Kg	1	9/11/2020 1:33:29 AM	54986
Ethylbenzene	ND	0.050		mg/Kg	1	9/11/2020 1:33:29 AM	54986
Xylenes, Total	ND	0.099		mg/Kg	1	9/11/2020 1:33:29 AM	54986
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	9/11/2020 1:33:29 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-4 Surface

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 11:40:00 AM

Lab ID: 2009395-004

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	180	60		mg/Kg	20	9/14/2020 4:35:31 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	9/10/2020 10:17:25 PM	55019
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2020 10:17:25 PM	55019
Surr: DNOP	92.2	30.4-154		%Rec	1	9/10/2020 10:17:25 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 5:04:57 PM	54986
Surr: BFB	94.1	75.3-105		%Rec	1	9/11/2020 5:04:57 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/11/2020 2:43:58 AM	54986
Toluene	ND	0.049		mg/Kg	1	9/11/2020 2:43:58 AM	54986
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 2:43:58 AM	54986
Xylenes, Total	ND	0.097		mg/Kg	1	9/11/2020 2:43:58 AM	54986
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/11/2020 2:43:58 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-5 Surface

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 11:55:00 AM

Lab ID: 2009395-005

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	180	60		mg/Kg	20	9/14/2020 4:47:55 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	12	9.4		mg/Kg	1	9/10/2020 10:41:27 PM	55019
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/10/2020 10:41:27 PM	55019
Surr: DNOP	88.3	30.4-154		%Rec	1	9/10/2020 10:41:27 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 5:28:35 PM	54986
Surr: BFB	102	75.3-105		%Rec	1	9/11/2020 5:28:35 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/11/2020 3:54:38 AM	54986
Toluene	ND	0.049		mg/Kg	1	9/11/2020 3:54:38 AM	54986
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 3:54:38 AM	54986
Xylenes, Total	ND	0.098		mg/Kg	1	9/11/2020 3:54:38 AM	54986
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	9/11/2020 3:54:38 AM	54986

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

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

Page 5 of 19

Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-6 Surface

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 12:20:00 PM

Lab ID: 2009395-006

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	170	60		mg/Kg	20	9/14/2020 5:00:19 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/10/2020 11:05:24 PM	55019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2020 11:05:24 PM	55019
Surr: DNOP	90.4	30.4-154		%Rec	1	9/10/2020 11:05:24 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 5:52:12 PM	54986
Surr: BFB	90.0	75.3-105		%Rec	1	9/11/2020 5:52:12 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 4:18:07 AM	54986
Toluene	ND	0.049		mg/Kg	1	9/11/2020 4:18:07 AM	54986
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 4:18:07 AM	54986
Xylenes, Total	ND	0.099		mg/Kg	1	9/11/2020 4:18:07 AM	54986
Surr: 4-Bromofluorobenzene	98.8	80-120		%Rec	1	9/11/2020 4:18:07 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-7 North

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 12:45:00 PM

Lab ID: 2009395-007

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 5:12:44 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	9/10/2020 11:29:22 PM	55019
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	9/10/2020 11:29:22 PM	55019
Surr: DNOP	85.6	30.4-154		%Rec	1	9/10/2020 11:29:22 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 6:15:38 PM	54986
Surr: BFB	90.0	75.3-105		%Rec	1	9/11/2020 6:15:38 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 4:41:27 AM	54986
Toluene	ND	0.049		mg/Kg	1	9/11/2020 4:41:27 AM	54986
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 4:41:27 AM	54986
Xylenes, Total	ND	0.099		mg/Kg	1	9/11/2020 4:41:27 AM	54986
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	9/11/2020 4:41:27 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-8 South

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 1:05:00 PM

Lab ID: 2009395-008

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 5:25:08 PM	55134
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	9/10/2020 11:53:22 PM	55019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/10/2020 11:53:22 PM	55019
Surr: DNOP	83.3	30.4-154		%Rec	1	9/10/2020 11:53:22 PM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/11/2020 6:39:04 PM	54986
Surr: BFB	90.3	75.3-105		%Rec	1	9/11/2020 6:39:04 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 5:05:01 AM	54986
Toluene	ND	0.050		mg/Kg	1	9/11/2020 5:05:01 AM	54986
Ethylbenzene	ND	0.050		mg/Kg	1	9/11/2020 5:05:01 AM	54986
Xylenes, Total	ND	0.10		mg/Kg	1	9/11/2020 5:05:01 AM	54986
Surr: 4-Bromofluorobenzene	100	80-120		%Rec	1	9/11/2020 5:05:01 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-9 Surface

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 1:30:00 PM

Lab ID: 2009395-009

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 5:50:36 PM	55140
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	9/11/2020 12:17:26 AM	55019
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	9/11/2020 12:17:26 AM	55019
Surr: DNOP	84.0	30.4-154		%Rec	1	9/11/2020 12:17:26 AM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/11/2020 7:02:23 PM	54986
Surr: BFB	91.2	75.3-105		%Rec	1	9/11/2020 7:02:23 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 5:28:36 AM	54986
Toluene	ND	0.050		mg/Kg	1	9/11/2020 5:28:36 AM	54986
Ethylbenzene	ND	0.050		mg/Kg	1	9/11/2020 5:28:36 AM	54986
Xylenes, Total	ND	0.10		mg/Kg	1	9/11/2020 5:28:36 AM	54986
Surr: 4-Bromofluorobenzene	99.4	80-120		%Rec	1	9/11/2020 5:28:36 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-10 Surface

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 1:45:00 PM

Lab ID: 2009395-010

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	130	60		mg/Kg	20	9/14/2020 6:27:36 PM	55140
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	9/11/2020 12:41:24 AM	55019
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	9/11/2020 12:41:24 AM	55019
Surr: DNOP	85.6	30.4-154		%Rec	1	9/11/2020 12:41:24 AM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 7:25:51 PM	54986
Surr: BFB	92.6	75.3-105		%Rec	1	9/11/2020 7:25:51 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 5:52:14 AM	54986
Toluene	ND	0.049		mg/Kg	1	9/11/2020 5:52:14 AM	54986
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 5:52:14 AM	54986
Xylenes, Total	ND	0.098		mg/Kg	1	9/11/2020 5:52:14 AM	54986
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	9/11/2020 5:52:14 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-11 South West

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 2:05:00 PM

Lab ID: 2009395-011

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 6:39:56 PM	55140
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	9/11/2020 1:05:27 AM	55019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/11/2020 1:05:27 AM	55019
Surr: DNOP	81.1	30.4-154		%Rec	1	9/11/2020 1:05:27 AM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	9/11/2020 7:49:13 PM	54986
Surr: BFB	92.0	75.3-105		%Rec	1	9/11/2020 7:49:13 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	9/11/2020 6:15:41 AM	54986
Toluene	ND	0.050		mg/Kg	1	9/11/2020 6:15:41 AM	54986
Ethylbenzene	ND	0.050		mg/Kg	1	9/11/2020 6:15:41 AM	54986
Xylenes, Total	ND	0.10		mg/Kg	1	9/11/2020 6:15:41 AM	54986
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	9/11/2020 6:15:41 AM	54986

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

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

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Analytical Report

Lab Order 2009395

Date Reported: 9/16/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-12 North West

Project: Devon Lusitmo 27-34 Fed Com 718H

Collection Date: 9/3/2020 2:15:00 PM

Lab ID: 2009395-012

Matrix: SOIL

Received Date: 9/5/2020 7:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	9/14/2020 6:52:17 PM	55140
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	9/11/2020 1:29:23 AM	55019
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	9/11/2020 1:29:23 AM	55019
Surr: DNOP	72.5	30.4-154		%Rec	1	9/11/2020 1:29:23 AM	55019
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	9/11/2020 8:12:32 PM	54986
Surr: BFB	91.2	75.3-105		%Rec	1	9/11/2020 8:12:32 PM	54986
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	9/11/2020 8:12:32 PM	54986
Toluene	ND	0.049		mg/Kg	1	9/11/2020 8:12:32 PM	54986
Ethylbenzene	ND	0.049		mg/Kg	1	9/11/2020 8:12:32 PM	54986
Xylenes, Total	ND	0.097		mg/Kg	1	9/11/2020 8:12:32 PM	54986
Surr: 4-Bromofluorobenzene	99.0	80-120		%Rec	1	9/11/2020 8:12:32 PM	54986

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

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

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

WO#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions
Project: Devon Lusitmo 27-34 Fed Com 718H

Sample ID: MB-55134	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 55134	RunNo: 71841								
Prep Date: 9/14/2020	Analysis Date: 9/14/2020	SeqNo: 2514372 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-55134	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 55134	RunNo: 71841								
Prep Date: 9/14/2020	Analysis Date: 9/14/2020	SeqNo: 2514373 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.2	90	110			

Sample ID: MB-55140	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 55140	RunNo: 71848								
Prep Date: 9/14/2020	Analysis Date: 9/14/2020	SeqNo: 2514826 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-55140	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 55140	RunNo: 71848								
Prep Date: 9/14/2020	Analysis Date: 9/14/2020	SeqNo: 2514827 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.7	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#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions
Project: Devon Lusitmo 27-34 Fed Com 718H

Sample ID: LCS-55057	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 55057			RunNo: 71721						
Prep Date: 9/9/2020	Analysis Date: 9/10/2020			SeqNo: 2509065	Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.9		5.000		97.2	30.4	154			

Sample ID: MB-55057	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 55057			RunNo: 71721						
Prep Date: 9/9/2020	Analysis Date: 9/10/2020			SeqNo: 2509066	Units: %Rec					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		116	30.4	154			

Sample ID: 2009395-001AMS	SampType: MS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: H-1 East	Batch ID: 55019			RunNo: 71721						
Prep Date: 9/9/2020	Analysis Date: 9/10/2020			SeqNo: 2511293	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	9.3	46.30	0	102	47.4	136			
Surr: DNOP	4.4		4.630		94.4	30.4	154			

Sample ID: 2009395-001AMSD	SampType: MSD			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: H-1 East	Batch ID: 55019			RunNo: 71721						
Prep Date: 9/9/2020	Analysis Date: 9/10/2020			SeqNo: 2511294	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.3	46.38	0	99.4	47.4	136	2.39	43.4	
Surr: DNOP	4.2		4.638		91.2	30.4	154	0	0	

Sample ID: LCS-55019	SampType: LCS			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 55019			RunNo: 71721						
Prep Date: 9/9/2020	Analysis Date: 9/10/2020			SeqNo: 2511324	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47	10	50.00	0	94.4	70	130			
Surr: DNOP	4.3		5.000		85.1	30.4	154			

Sample ID: MB-55019	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 55019			RunNo: 71721						
Prep Date: 9/9/2020	Analysis Date: 9/10/2020			SeqNo: 2511325	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								

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#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions

Project: Devon Lusitmo 27-34 Fed Com 718H

Sample ID: MB-55019		SampType: MBLK		TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS		Batch ID: 55019		RunNo: 71721						
Prep Date: 9/9/2020		Analysis Date: 9/10/2020		SeqNo: 2511325			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.3		10.00		92.5	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#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions
Project: Devon Lusitmo 27-34 Fed Com 718H

Sample ID: ics-54985	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 54985			RunNo: 71774						
Prep Date: 9/6/2020	Analysis Date: 9/10/2020			SeqNo: 2511365		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	81.6	72.5	106			
Surr: BFB	1000		1000		104	75.3	105			

Sample ID: mb-54985	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 54985			RunNo: 71774						
Prep Date: 9/6/2020	Analysis Date: 9/10/2020			SeqNo: 2511366		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	920		1000		91.8	75.3	105			

Sample ID: 2009395-004ams	SampType: MS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: AH-4 Surface	Batch ID: 54986			RunNo: 71790						
Prep Date: 9/6/2020	Analysis Date: 9/11/2020			SeqNo: 2511799		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.9	24.58	0	77.9	61.3	114			
Surr: BFB	990		983.3		101	75.3	105			

Sample ID: 2009395-004amsd	SampType: MSD			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: AH-4 Surface	Batch ID: 54986			RunNo: 71790						
Prep Date: 9/6/2020	Analysis Date: 9/11/2020			SeqNo: 2511800		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	24.78	0	80.1	61.3	114	3.57	20	
Surr: BFB	1000		991.1		101	75.3	105	0	0	

Sample ID: ics-54986	SampType: LCS			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: LCSS	Batch ID: 54986			RunNo: 71790						
Prep Date: 9/6/2020	Analysis Date: 9/11/2020			SeqNo: 2511831		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.4	72.5	106			
Surr: BFB	1200		1000		116	75.3	105			S

Sample ID: mb-54986	SampType: MBLK			TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 54986			RunNo: 71790						
Prep Date: 9/6/2020	Analysis Date: 9/11/2020			SeqNo: 2511833		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

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#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions

Project: Devon Lusitmo 27-34 Fed Com 718H

Sample ID: mb-54986	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 54986	RunNo: 71790								
Prep Date: 9/6/2020	Analysis Date: 9/11/2020	SeqNo: 2511833		Units: mg/Kg						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		108	75.3	105			S

Qualifiers:

- * Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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

WO#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions**Project:** Devon Lusitmo 27-34 Fed Com 718H

Sample ID: 2009395-003ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: H-3 North East	Batch ID: 54986	RunNo: 71774								
Prep Date: 9/6/2020	Analysis Date: 9/11/2020	SeqNo: 2511415	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.025	0.9901	0	80.0	76.3	120			
Toluene	0.83	0.050	0.9901	0	83.6	78.5	120			
Ethylbenzene	0.84	0.050	0.9901	0	84.6	78.1	124			
Xylenes, Total	2.5	0.099	2.970	0	84.9	79.3	125			
Surr: 4-Bromofluorobenzene	1.0		0.9901		102	80	120			

Sample ID: 2009395-003amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: H-3 North East	Batch ID: 54986	RunNo: 71774								
Prep Date: 9/6/2020	Analysis Date: 9/11/2020	SeqNo: 2511416	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.79	0.024	0.9785	0	80.6	76.3	120	0.371	20	
Toluene	0.80	0.049	0.9785	0	81.8	78.5	120	3.26	20	
Ethylbenzene	0.81	0.049	0.9785	0	83.2	78.1	124	2.83	20	
Xylenes, Total	2.4	0.098	2.935	0	83.0	79.3	125	3.44	20	
Surr: 4-Bromofluorobenzene	0.99		0.9785		101	80	120	0	0	

Sample ID: LCS-54985	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 54985	RunNo: 71774								
Prep Date: 9/6/2020	Analysis Date: 9/10/2020	SeqNo: 2511425	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.89	0.025	1.000	0	88.8	80	120			
Toluene	0.89	0.050	1.000	0	89.3	80	120			
Ethylbenzene	0.90	0.050	1.000	0	89.9	80	120			
Xylenes, Total	2.7	0.10	3.000	0	90.1	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID: LCS-54986	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 54986	RunNo: 71774								
Prep Date: 9/6/2020	Analysis Date: 9/11/2020	SeqNo: 2511426	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.0	80	120			
Toluene	0.91	0.050	1.000	0	91.0	80	120			
Ethylbenzene	0.92	0.050	1.000	0	91.5	80	120			
Xylenes, Total	2.8	0.10	3.000	0	92.3	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		104	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

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

WO#: 2009395

16-Sep-20

Client: Safety & Environmental Solutions**Project:** Devon Lusitmo 27-34 Fed Com 718H

Sample ID: mb-54985	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 54985	RunNo: 71774								
Prep Date: 9/6/2020	Analysis Date: 9/10/2020	SeqNo: 2511427	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		99.9	80	120			

Sample ID: mb-54986	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 54986	RunNo: 71774								
Prep Date: 9/6/2020	Analysis Date: 9/11/2020	SeqNo: 2511428	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	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: 2009395

RcptNo: 1

Received By: Juan Rojas

9/5/2020 7:45:00 AM

Juan Rojas

Completed By: Juan Rojas

9/5/2020 8:45:06 AM

Juan Rojas

Reviewed By:

JR 9/5/20

Chain of Custody

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

Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of $>0^{\circ}\text{C}$ to 6.0°C ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace $<1/4"$ for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels? 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: *SPA 9.5.20*

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	1.4	Good				
2	1.3	Good				

Chain-of-Custody Record

Client: Safety & Environmental Solutions

Mailing Address: 703 E. Chanton

1 Hobbs NW 88280

Phone #: 575-397-0570

email or Fax#:

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5 days

☒ Standard ☐ Rush

Project Name: Devon

custno 27-34 Telcom 718H

Project #: Dev-20-026

Project Manager: Allen Bob

Sampler: Sam Perry

On Ice: ☐ Yes ☒ No

of Coolers: 2

Cooler Temp (including CF): 1.5-0.1=1.4 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
09/03	1045	S	H-1 EAST	1	Free	1.4-0.1=1.3
09/03	1105	S	H-2 EAST	1	Dust	7009395
09/03	1130	S	H-3 NORTH EAST	1		-001
09/03	1140	S	H-4 Surface	1		-002
09/03	1155	S	H-5 Surface	1		-003
09/03	1220	S	H-6 Surface	1		-004
09/03	1245	S	H-7 North	1		-005
09/03	1305	S	H-8 South	1		-006
09/03	1330	S	H-9 Surface	1		-007
09/03	1345	S	H-10 Surface	1		-008
09/03	1405	S	H-11 SOUTH WEST	1		-009
09/03	1415	S	H-12 NORTH WEST	1		-010
09/03	1415	S	H-12 NORTH WEST	1		-011
09/03	1415	S	H-12 NORTH WEST	1		-012

Date: 09/03 Time: 0800

Relinquished by: Sam Perry

Date: 09/03 Time: 1900

Relinquished by: Sam Perry

Analysis Request

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

Remarks:

Bill to Devon

Incident ID	NOY1817145696
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: 11/14/2022
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 159551

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 159551
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/17/2023