Page 6

Oil Conservation Division

Incident ID	NMAP1826381249
District RP	
Facility ID	
Application ID	

Page 1 of 68

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.

<u>Closure Report Attachment Checklist</u> : Each of the following in	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 must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rea human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regula restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the C Printed Name: Dale Woodall	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Signature: Dale Woodall	Date: <u>11/9/2022</u>
email: <u>dale.woodall@dvn.com</u>	Telephone:575-748-1838
OCD Only	
Received by: OCD	Date: 11/9/2022
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible for regulations.
Closure Approved by: Ashley Maxwell	Date: <u>2/03/2023</u>
Printed Name: Ashley Maxwell	Title: Environmental Specialist

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Devon Energy Production Company Lusitano 27-34 Fed Com 235H

Closure Report UL H, Section 27, T25S, R31E Eddy County, New Mexico

NMAP1826381249

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 235H location concerning a 325 bbls release of treated produced water along the lease road and right of way. According to the C-141, a failed hose coupler caused the spill. 250 barrels of fluid was recovered. This site is situated in Eddy County, Section 27, Township 25S, and Range 31E.

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 400' 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 April 2020, SESI personnel performed sampling to determine vertical extent of the release. SESI advanced 9 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 235H											
Soil Sample Results: Hall Environmental Laboratories 4/16/20											
SAMPLE ID Chloride GRO DRO MRO Benzene Toluene Ethyl benzene Total Xylene											
AH-1 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-1 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-2 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-2 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-3 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-3 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-4 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-4 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-5 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-5 @ 2'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-6 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-6 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-7 @ SURFACE	94	ND									
AH-7 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-8 @ SURFACE	260	ND									
AH-8 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-13 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-13 @ 1'	72	ND									

Additional sampling was completed on 6/9/20 to ensure the total extent of the release had been surveyed. 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 235H											
Soil Sample Results: Hall Environmental Laboratories 6/9/20											
SAMPLE ID Chloride GRO DRO MRO Benzene Toluene Ethyl benzene Total Xylene											
AH-14 @ SURFACE	110	ND									
AH-14 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-15 @ SURFACE	620	ND									
AH-15 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-16 @ SURFACE	170	ND									
AH-16 @ 1'	60	ND									
AH-17 @ SURFACE	400	ND									
AH-17 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-18 @ SURFACE	430	ND									
AH-18 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH-19 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-19 @ 1'	65	ND									
AH-20 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND			
AH-20 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			

Remediation

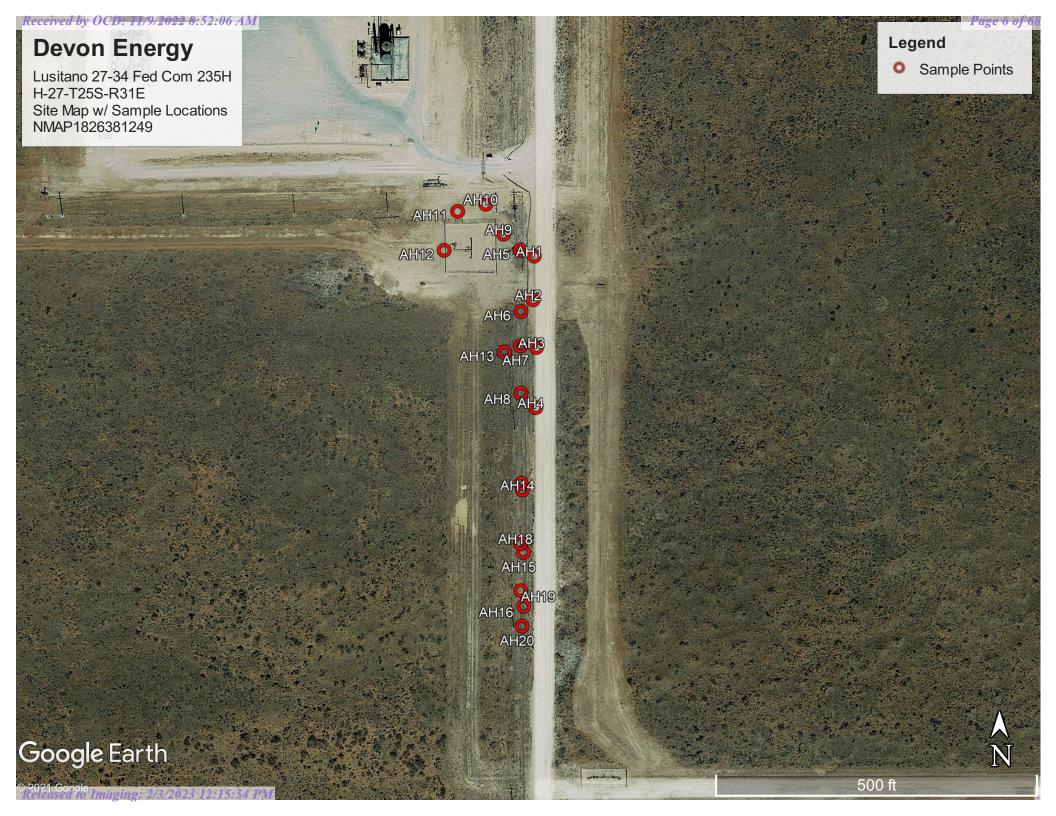
Based on the results of the delineation, SESI, determined no further action was needed at this time. Initial sampling events of the delineation indicated that soil was not impacted in a significant manner to necessitate a remediation of the release location. No further samples were collected for analysis.

Closure Request

Based on the confirmation 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 GW 0.5mi Radius Map Laboratory Analysis C-141



OSE PUBLIC PRINT



8/24/2021, 1:33:18 PM

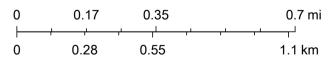




New Mexico State Trust Lands



SiteBoundaries



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

Printed from Public Web Map Unofficial Map from OSE POD Locations Web Application



National Water Information System: Map View



Devon Energy

Lusitano 27-34 Fed Com 235H Site Photos









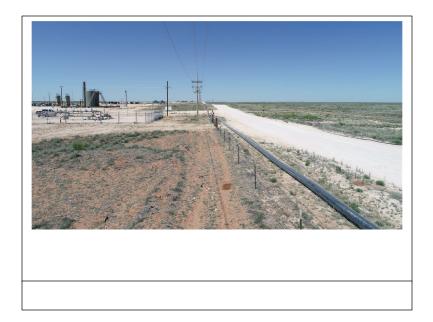
Devon Energy

Lusitano 27-34 Fed Com 235H Site Photos









Devon Energy

Lusitano 27-34 Fed Com 235H Site Photos





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

June 18, 2020

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

RE: Devon Lusitano 27-34 235H

OrderNo.: 2006684

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 14 sample(s) on 6/12/2020 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,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-001

Devon Lusitano 27-34 235H

Client Sample ID: AH-14 Surface Collection Date: 6/9/2020 9:30:00 AM Received Date: 6/12/2020 9:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	110	60	mg/Kg	20	6/17/2020 2:09:37 AM	53111
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	6/13/2020 5:39:36 PM	53056
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/13/2020 5:39:36 PM	53056
Surr: DNOP	101	55.1-146	%Rec	1	6/13/2020 5:39:36 PM	53056
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/14/2020 11:32:32 AM	53054
Surr: BFB	81.8	66.6-105	%Rec	1	6/14/2020 11:32:32 AM	53054
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/14/2020 11:32:32 AM	53054
Toluene	ND	0.049	mg/Kg	1	6/14/2020 11:32:32 AM	53054
Ethylbenzene	ND	0.049	mg/Kg	1	6/14/2020 11:32:32 AM	53054
Xylenes, Total	ND	0.098	mg/Kg	1	6/14/2020 11:32:32 AM	53054
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	6/14/2020 11:32:32 AM	53054

Matrix: SOIL

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 1 of 21

Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

Devon Lusitano 27-34 235H

2006684-002

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-14 1ft Collection Date: 6/9/2020 9:50:00 AM Matrix: SOIL Received Date: 6/12/2020 9:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	6/17/2020 2:21:58 AM	53111
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/13/2020 5:49:42 PM	53056
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/13/2020 5:49:42 PM	53056
Surr: DNOP	123	55.1-146	%Rec	1	6/13/2020 5:49:42 PM	53056
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/14/2020 11:56:11 AM	53054
Surr: BFB	80.7	66.6-105	%Rec	1	6/14/2020 11:56:11 AM	53054
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/14/2020 11:56:11 AM	53054
Toluene	ND	0.050	mg/Kg	1	6/14/2020 11:56:11 AM	53054
Ethylbenzene	ND	0.050	mg/Kg	1	6/14/2020 11:56:11 AM	53054
Xylenes, Total	ND	0.10	mg/Kg	1	6/14/2020 11:56:11 AM	53054
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	6/14/2020 11:56:11 AM	53054

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit
- Page 2 of 21

Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-003

Devon Lusitano 27-34 235H

Client Sample ID: AH-15 Surface Collection Date: 6/9/2020 10:15:00 AM Received Date: 6/12/2020 9:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	620	60	mg/Kg	20	6/17/2020 2:34:17 AM	53111
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	6/13/2020 5:59:44 PM	53056
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/13/2020 5:59:44 PM	53056
Surr: DNOP	125	55.1-146	%Rec	1	6/13/2020 5:59:44 PM	53056
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/14/2020 12:19:39 PM	53054
Surr: BFB	82.0	66.6-105	%Rec	1	6/14/2020 12:19:39 PM	53054
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/14/2020 12:19:39 PM	53054
Toluene	ND	0.050	mg/Kg	1	6/14/2020 12:19:39 PM	53054
Ethylbenzene	ND	0.050	mg/Kg	1	6/14/2020 12:19:39 PM	53054
Xylenes, Total	ND	0.10	mg/Kg	1	6/14/2020 12:19:39 PM	53054
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	6/14/2020 12:19:39 PM	53054

Matrix: SOIL

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 Quanitative 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 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-15 1ft **Project:** Devon Lusitano 27-34 235H Collection Date: 6/9/2020 10:30:00 AM Lab ID: 2006684-004 Matrix: SOIL Received Date: 6/12/2020 9:35:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 mg/Kg 20 6/17/2020 2:46:38 AM 53111 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.0 mg/Kg 1 6/13/2020 6:09:49 PM 53056 Motor Oil Range Organics (MRO) ND 45 mg/Kg 1 6/13/2020 6:09:49 PM 53056 Surr: DNOP %Rec 6/13/2020 6:09:49 PM 53056 136 55.1-146 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB Casoline Range Organics (CPO) 6/14/2020 12:43:10 PM 53054 - 0 -----PM 53054 Ε st: NSB

Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/14/2020 12:43:10 PM 53054	
Surr: BFB	83.2	66.6-105	%Rec	1	6/14/2020 12:43:10 PM 53054	
EPA METHOD 8021B: VOLATILES					Analyst: NSB	
Benzene	ND	0.025	mg/Kg	1	6/14/2020 12:43:10 PM 53054	
Toluene	ND	0.050	mg/Kg	1	6/14/2020 12:43:10 PM 53054	
Ethylbenzene	ND	0.050	mg/Kg	1	6/14/2020 12:43:10 PM 53054	
Xylenes, Total	ND	0.10	mg/Kg	1	6/14/2020 12:43:10 PM 53054	
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	6/14/2020 12:43:10 PM 53054	

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Analytical Report Lab Order 2006684

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Devon Lusitano 27-34 235H

Date Reported: 6/18/2020 Client Sample ID: AH-16 Surface Collection Date: 6/9/2020 11:00:00 AM Received Date: 6/12/2020 9:35:00 AM

Lab ID: 2006684-005	Matrix: SOIL		Received Dat	e: 6/	12/2020 9:35:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	170	60	mg/Kg	20	6/17/2020 2:58:59 AM	53111
EPA METHOD 8015M/D: DIESEL RANG	BE ORGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.6	mg/Kg	1	6/13/2020 6:19:57 PM	53056
Motor Oil Range Organics (MRO)	ND	43	mg/Kg	1	6/13/2020 6:19:57 PM	53056
Surr: DNOP	116	55.1-146	%Rec	1	6/13/2020 6:19:57 PM	53056
EPA METHOD 8015D: GASOLINE RAN	GE				Analyst	: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/14/2020 1:06:42 PM	53054
Surr: BFB	82.2	66.6-105	%Rec	1	6/14/2020 1:06:42 PM	53054
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	1	6/14/2020 1:06:42 PM	53054
Toluene	ND	0.050	mg/Kg	1	6/14/2020 1:06:42 PM	53054
Ethylbenzene	ND	0.050	mg/Kg	1	6/14/2020 1:06:42 PM	53054
Xylenes, Total	ND	0.099	mg/Kg	1	6/14/2020 1:06:42 PM	53054
Surr: 4-Bromofluorobenzene	105	80-120	%Rec	1	6/14/2020 1:06:42 PM	53054

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-006

Devon Lusitano 27-34 235H

 Client Sample ID: AH-16 1ft

 Collection Date: 6/9/2020 11:20:00 AM

 Matrix: SOIL
 Received Date: 6/12/2020 9:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	60	60	mg/Kg	20	6/17/2020 3:11:20 AM	53111
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2020 1:22:43 PM	53057
Surr: BFB	102	70-130	%Rec	1	6/13/2020 1:22:43 PM	53057
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/14/2020 11:03:24 AM	53059
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	6/14/2020 11:03:24 AM	53059
Surr: DNOP	112	55.1-146	%Rec	1	6/14/2020 11:03:24 AM	53059
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.025	mg/Kg	1	6/13/2020 1:22:43 PM	53057
Toluene	ND	0.049	mg/Kg	1	6/13/2020 1:22:43 PM	53057
Ethylbenzene	ND	0.049	mg/Kg	1	6/13/2020 1:22:43 PM	53057
Xylenes, Total	ND	0.099	mg/Kg	1	6/13/2020 1:22:43 PM	53057
Surr: 1,2-Dichloroethane-d4	97.1	70-130	%Rec	1	6/13/2020 1:22:43 PM	53057
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	6/13/2020 1:22:43 PM	53057
Surr: Dibromofluoromethane	102	70-130	%Rec	1	6/13/2020 1:22:43 PM	53057
Surr: Toluene-d8	101	70-130	%Rec	1	6/13/2020 1:22:43 PM	53057

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-007

Devon Lusitano 27-34 235H

Client Sample ID: AH-17 Surface Collection Date: 6/9/2020 11:50:00 AM Received Date: 6/12/2020 9:35:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch				
				Analyst	CAS				
400	60	mg/Kg	20	6/17/2020 1:07:27 PM	53126				
				Analyst	DJF				
ND	4.9	mg/Kg	1	6/13/2020 2:48:44 PM	53057				
102	70-130	%Rec	1	6/13/2020 2:48:44 PM	53057				
NICS				Analyst	BRM				
ND	9.6	mg/Kg	1	6/14/2020 11:13:31 AM	53059				
ND	48	mg/Kg	1	6/14/2020 11:13:31 AM	53059				
115	55.1-146	%Rec	1	6/14/2020 11:13:31 AM	53059				
Г				Analyst	DJF				
ND	0.025	mg/Kg	1	6/13/2020 2:48:44 PM	53057				
ND	0.049	mg/Kg	1	6/13/2020 2:48:44 PM	53057				
ND	0.049	mg/Kg	1	6/13/2020 2:48:44 PM	53057				
ND	0.099	mg/Kg	1	6/13/2020 2:48:44 PM	53057				
94.0	70-130	%Rec	1	6/13/2020 2:48:44 PM	53057				
94.4	70-130	%Rec	1	6/13/2020 2:48:44 PM	53057				
104	70-130	%Rec	1	6/13/2020 2:48:44 PM	53057				
100	70-130	%Rec	1	6/13/2020 2:48:44 PM	53057				
	400 ND 102 ND ND 115 ND ND ND ND ND 94.0 94.4 104	400 60 ND 4.9 102 70-130 ND 9.6 ND 48 115 55.1-146 ND 0.025 ND 0.049 ND 0.049 ND 0.049 ND 0.049 ND 0.099 94.0 70-130 94.4 70-130	400 60 mg/Kg ND 4.9 mg/Kg 102 70-130 %Rec ND 9.6 mg/Kg ND 48 mg/Kg 115 55.1-146 %Rec ND 0.025 mg/Kg ND 0.049 mg/Kg 104 70-130 %Rec	400 60 mg/Kg 20 ND 4.9 mg/Kg 1 102 70-130 %Rec 1 ND 9.6 mg/Kg 1 ND 48 mg/Kg 1 115 55.1-146 %Rec 1 ND 0.025 mg/Kg 1 ND 0.049 mg/Kg 1 94.0 70-130 %Rec 1 94.4 70-130 %Rec 1	Analyst 400 60 mg/Kg 20 6/17/2020 1:07:27 PM Analyst MD 4.9 mg/Kg 1 6/13/2020 2:48:44 PM 102 70-130 %Rec 1 6/13/2020 2:48:44 PM ND 4.9 mg/Kg 1 6/13/2020 2:48:44 PM ND 70-130 %Rec 1 6/13/2020 2:48:44 PM ND 9.6 mg/Kg 1 6/14/2020 11:13:31 AM ND 48 mg/Kg 1 6/14/2020 11:13:31 AM ND 48 mg/Kg 1 6/14/2020 11:13:31 AM ND 48 mg/Kg 1 6/13/2020 2:48:44 PM ND 0.025 mg/Kg 1 6/13/2020 2:48:44 PM ND 0.049 mg/Kg 1 6/13/2020 2:48:44 PM ND 0.099 mg/Kg 1 6/13/2020 2:48:44 PM ND 0.099 mg/Kg 1 6/13/2020 2:48:44 PM ND 0.099 mg/Kg 1 6/13/2020 2:48:44 PM				

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-008

Devon Lusitano 27-34 235H

 Client Sample ID: AH-17 1ft

 Collection Date: 6/9/2020 12:10:00 PM

 Matrix: SOIL
 Received Date: 6/12/2020 9:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	6/17/2020 1:44:29 PM	53126
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2020 4:14:35 PM	53057
Surr: BFB	103	70-130	%Rec	1	6/13/2020 4:14:35 PM	53057
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	6/14/2020 11:23:44 AM	53059
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	6/14/2020 11:23:44 AM	53059
Surr: DNOP	112	55.1-146	%Rec	1	6/14/2020 11:23:44 AM	53059
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.025	mg/Kg	1	6/13/2020 4:14:35 PM	53057
Toluene	ND	0.050	mg/Kg	1	6/13/2020 4:14:35 PM	53057
Ethylbenzene	ND	0.050	mg/Kg	1	6/13/2020 4:14:35 PM	53057
Xylenes, Total	ND	0.10	mg/Kg	1	6/13/2020 4:14:35 PM	53057
Surr: 1,2-Dichloroethane-d4	97.7	70-130	%Rec	1	6/13/2020 4:14:35 PM	53057
Surr: 4-Bromofluorobenzene	92.7	70-130	%Rec	1	6/13/2020 4:14:35 PM	53057
Surr: Dibromofluoromethane	103	70-130	%Rec	1	6/13/2020 4:14:35 PM	53057
Surr: Toluene-d8	102	70-130	%Rec	1	6/13/2020 4:14:35 PM	53057

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-009

Devon Lusitano 27-34 235H

Client Sample ID: AH-18 Surface Collection Date: 6/9/2020 12:20:00 PM Received Date: 6/12/2020 9:35:00 AM

	Soll		Iteeen eu Dut		2,2020 7:35:00 1101	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	430	60	mg/Kg	20	6/17/2020 2:21:31 PM	53126
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2020 4:43:12 PM	53057
Surr: BFB	101	70-130	%Rec	1	6/13/2020 4:43:12 PM	53057
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	6/14/2020 11:34:08 AM	53059
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	6/14/2020 11:34:08 AM	53059
Surr: DNOP	120	55.1-146	%Rec	1	6/14/2020 11:34:08 AM	53059
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.025	mg/Kg	1	6/13/2020 4:43:12 PM	53057
Toluene	ND	0.050	mg/Kg	1	6/13/2020 4:43:12 PM	53057
Ethylbenzene	ND	0.050	mg/Kg	1	6/13/2020 4:43:12 PM	53057
Xylenes, Total	ND	0.10	mg/Kg	1	6/13/2020 4:43:12 PM	53057
Surr: 1,2-Dichloroethane-d4	96.8	70-130	%Rec	1	6/13/2020 4:43:12 PM	53057
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	6/13/2020 4:43:12 PM	53057
Surr: Dibromofluoromethane	96.3	70-130	%Rec	1	6/13/2020 4:43:12 PM	53057
Surr: Toluene-d8	97.7	70-130	%Rec	1	6/13/2020 4:43:12 PM	53057

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-010

Devon Lusitano 27-34 235H

Client Sample ID: AH-18 1ft Collection Date: 6/9/2020 12:40:00 PM Received Date: 6/12/2020 9:35:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	6/17/2020 2:33:52 PM	53126
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	6/13/2020 5:11:45 PM	53057
Surr: BFB	103	70-130	%Rec	1	6/13/2020 5:11:45 PM	53057
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	6/14/2020 11:44:30 AM	53059
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/14/2020 11:44:30 AM	53059
Surr: DNOP	110	55.1-146	%Rec	1	6/14/2020 11:44:30 AM	53059
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.025	mg/Kg	1	6/13/2020 5:11:45 PM	53057
Toluene	ND	0.049	mg/Kg	1	6/13/2020 5:11:45 PM	53057
Ethylbenzene	ND	0.049	mg/Kg	1	6/13/2020 5:11:45 PM	53057
Xylenes, Total	ND	0.099	mg/Kg	1	6/13/2020 5:11:45 PM	53057
Surr: 1,2-Dichloroethane-d4	95.4	70-130	%Rec	1	6/13/2020 5:11:45 PM	53057
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	6/13/2020 5:11:45 PM	53057
Surr: Dibromofluoromethane	100	70-130	%Rec	1	6/13/2020 5:11:45 PM	53057
Surr: Toluene-d8	103	70-130	%Rec	1	6/13/2020 5:11:45 PM	53057

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-011

Devon Lusitano 27-34 235H

Client Sample ID: AH-19 Surface Collection Date: 6/9/2020 12:50:00 PM Received Date: 6/12/2020 9:35:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch				
				Analyst	CAS				
ND	60	mg/Kg	20	6/17/2020 3:10:56 PM	53126				
				Analyst	DJF				
ND	4.8	mg/Kg	1	6/13/2020 5:40:15 PM	53057				
103	70-130	%Rec	1	6/13/2020 5:40:15 PM	53057				
NICS				Analyst	BRM				
ND	10	mg/Kg	1	6/14/2020 11:54:58 AM	53059				
ND	50	mg/Kg	1	6/14/2020 11:54:58 AM	53059				
99.0	55.1-146	%Rec	1	6/14/2020 11:54:58 AM	53059				
-				Analyst	DJF				
ND	0.024	mg/Kg	1	6/13/2020 5:40:15 PM	53057				
ND	0.048	mg/Kg	1	6/13/2020 5:40:15 PM	53057				
ND	0.048	mg/Kg	1	6/13/2020 5:40:15 PM	53057				
ND	0.097	mg/Kg	1	6/13/2020 5:40:15 PM	53057				
98.8	70-130	%Rec	1	6/13/2020 5:40:15 PM	53057				
94.2	70-130	%Rec	1	6/13/2020 5:40:15 PM	53057				
102	70-130	%Rec	1	6/13/2020 5:40:15 PM	53057				
102	70-130	%Rec	1	6/13/2020 5:40:15 PM	53057				
	ND 103 NICS ND 99.0 - ND ND ND ND 98.8 94.2 102	ND 60 ND 4.8 103 70-130 ND 10 ND 50 99.0 55.1-146 ND 0.024 ND 0.048 ND 0.048 ND 0.097 98.8 70-130 94.2 70-130 102 70-130	ND 60 mg/Kg ND 4.8 mg/Kg 103 70-130 %Rec ND 10 mg/Kg ND 50 mg/Kg 99.0 55.1-146 %Rec ND 0.024 mg/Kg ND 0.048 mg/Kg ND 0.048 mg/Kg ND 0.097 mg/Kg 98.8 70-130 %Rec 94.2 70-130 %Rec	ND 60 mg/Kg 20 ND 4.8 mg/Kg 1 103 70-130 %Rec 1 ND 10 mg/Kg 1 ND 50 mg/Kg 1 ND 50 mg/Kg 1 99.0 55.1-146 %Rec 1 ND 0.024 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.097 mg/Kg 1 98.8 70-130 %Rec 1 94.2 70-130 %Rec 1 102 70-130 %Rec 1	ND 60 mg/Kg 20 6/17/2020 3:10:56 PM ND 60 mg/Kg 1 6/17/2020 3:10:56 PM ND 4.8 mg/Kg 1 6/13/2020 5:40:15 PM 103 70-130 %Rec 1 6/13/2020 5:40:15 PM ND 4.8 mg/Kg 1 6/13/2020 5:40:15 PM ND 10 mg/Kg 1 6/13/2020 5:40:15 PM NNICS Analyst ND 10 mg/Kg 1 6/14/2020 11:54:58 AM 99.0 55.1-146 %Rec 1 6/13/2020 5:40:15 PM ND 0.024 mg/Kg 1 6/13/2020 5:40:15 PM ND 0.048 mg/Kg 1 6/13/2020 5:40:15 PM ND 0.048 mg/Kg 1 6/13/2020 5:40:15 PM ND 0.097 mg/Kg 1 6/13/2020 5:40:15 PM ND 0.097 mg/Kg 1 6/13/2020 5:40:15 PM 98.8 70-130 %Rec 1 6/13/2020 5:40:15 PM </td				

Matrix: SOIL

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 Quanitative 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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2006684-012

Project:

Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-19 1ft Devon Lusitano 27-34 235H Collection Date: 6/9/2020 1:00:00 PM Matrix: SOIL Received Date: 6/12/2020 9:35:00 AM 1 17 14 . ~ _ . _

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	65	60	mg/Kg	20	6/17/2020 3:23:17 PM	53126
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	6/13/2020 6:08:44 PM	53057
Surr: BFB	99.3	70-130	%Rec	1	6/13/2020 6:08:44 PM	53057
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	6/14/2020 12:05:20 PM	53059
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	6/14/2020 12:05:20 PM	53059
Surr: DNOP	122	55.1-146	%Rec	1	6/14/2020 12:05:20 PM	53059
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.025	mg/Kg	1	6/13/2020 6:08:44 PM	53057
Toluene	ND	0.050	mg/Kg	1	6/13/2020 6:08:44 PM	53057
Ethylbenzene	ND	0.050	mg/Kg	1	6/13/2020 6:08:44 PM	53057
Xylenes, Total	ND	0.10	mg/Kg	1	6/13/2020 6:08:44 PM	53057
Surr: 1,2-Dichloroethane-d4	98.8	70-130	%Rec	1	6/13/2020 6:08:44 PM	53057
Surr: 4-Bromofluorobenzene	97.3	70-130	%Rec	1	6/13/2020 6:08:44 PM	53057
Surr: Dibromofluoromethane	102	70-130	%Rec	1	6/13/2020 6:08:44 PM	53057
Surr: Toluene-d8	95.3	70-130	%Rec	1	6/13/2020 6:08:44 PM	53057

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit Page 12 of 21

Lab ID:

Analytical Report Lab Order 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2006684-013

Devon Lusitano 27-34 235H

Client Sample ID: AH-20 Surface Collection Date: 6/9/2020 1:10:00 PM Received Date: 6/12/2020 9:35:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch			
				Analyst	CAS			
ND	60	mg/Kg	20	6/17/2020 3:35:37 PM	53126			
				Analyst	DJF			
ND	4.9	mg/Kg	1	6/13/2020 6:37:13 PM	53057			
105	70-130	%Rec	1	6/13/2020 6:37:13 PM	53057			
NICS				Analyst	BRM			
ND	9.7	mg/Kg	1	6/14/2020 12:15:50 PM	53059			
ND	49	mg/Kg	1	6/14/2020 12:15:50 PM	53059			
115	55.1-146	%Rec	1	6/14/2020 12:15:50 PM	53059			
				Analyst	DJF			
ND	0.024	mg/Kg	1	6/13/2020 6:37:13 PM	53057			
ND	0.049	mg/Kg	1	6/13/2020 6:37:13 PM	53057			
ND	0.049	mg/Kg	1	6/13/2020 6:37:13 PM	53057			
ND	0.097	mg/Kg	1	6/13/2020 6:37:13 PM	53057			
102	70-130	%Rec	1	6/13/2020 6:37:13 PM	53057			
98.2	70-130	%Rec	1	6/13/2020 6:37:13 PM	53057			
106	70-130	%Rec	1	6/13/2020 6:37:13 PM	53057			
101	70-130	%Rec	1	6/13/2020 6:37:13 PM	53057			
	ND 105 NICS ND 115	ND 60 ND 4.9 105 70-130 ND 9.7 ND 49 115 55.1-146 ND 0.024 ND 0.049 ND 0.049 ND 0.049 ND 0.097 102 70-130 98.2 70-130 106 70-130	ND 60 mg/Kg ND 4.9 mg/Kg 105 70-130 %Rec ND 9.7 mg/Kg ND 49 mg/Kg 115 55.1-146 %Rec ND 0.024 mg/Kg ND 0.049 mg/Kg ND 0.049 mg/Kg ND 0.097 mg/Kg	ND 60 mg/Kg 20 ND 4.9 mg/Kg 1 105 70-130 %Rec 1 INICS ND 9.7 mg/Kg 1 IND 49 mg/Kg 1 115 55.1-146 %Rec 1 ND 0.024 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.049 mg/Kg 1 ND 0.097 mg/Kg 1 ND 0.097 mg/Kg 1 102 70-130 %Rec 1 MD 0.097 mg/Kg 1 30.2 70-130 %Rec 1 MD 0.097 Mg/Kg 1 <td>ND 60 mg/Kg 20 6/17/2020 3:35:37 PM ND 60 mg/Kg 1 6/17/2020 3:35:37 PM ND 4.9 mg/Kg 1 6/13/2020 6:37:13 PM 105 70-130 %Rec 1 6/13/2020 6:37:13 PM INICS Analyst ND 9.7 mg/Kg 1 6/14/2020 12:15:50 PM ND 49 mg/Kg 1 6/14/2020 12:15:50 PM ND 49 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.024 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.024 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.049 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.049 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.049 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.097 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.097 mg/Kg 1 6/13/2020 6:37:13 PM</td>	ND 60 mg/Kg 20 6/17/2020 3:35:37 PM ND 60 mg/Kg 1 6/17/2020 3:35:37 PM ND 4.9 mg/Kg 1 6/13/2020 6:37:13 PM 105 70-130 %Rec 1 6/13/2020 6:37:13 PM INICS Analyst ND 9.7 mg/Kg 1 6/14/2020 12:15:50 PM ND 49 mg/Kg 1 6/14/2020 12:15:50 PM ND 49 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.024 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.024 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.049 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.049 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.049 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.097 mg/Kg 1 6/13/2020 6:37:13 PM ND 0.097 mg/Kg 1 6/13/2020 6:37:13 PM			

Matrix: SOIL

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 Quanitative 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 2006684

Date Reported: 6/18/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-20 1ft **Project:** Devon Lusitano 27-34 235H Collection Date: 6/9/2020 1:20:00 PM Lab ID: 2006684-014 Matrix: SOIL Received Date: 6/12/2020 9:35:00 AM Result **RL** Oual Units **DF** Date Analyzed Batch Analyses **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride ND 59 mg/Kg 20 6/17/2020 3:47:58 PM 53126 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 6/13/2020 7:05:47 PM 53057 Surr: BFB 6/13/2020 7:05:47 PM 53057 98.7 70-130 %Rec 1 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 6/14/2020 12:26:13 PM 53059 Motor Oil Range Organics (MRO) ND 6/14/2020 12:26:13 PM 53059 49 mg/Kg 1 Surr: DNOP 55.1-146 %Rec 6/14/2020 12:26:13 PM 53059 111 1 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF

Benzene	ND	0.025	mg/Kg	1	6/13/2020 7:05:47 PM	53057
Toluene	ND	0.050	mg/Kg	1	6/13/2020 7:05:47 PM	53057
Ethylbenzene	ND	0.050	mg/Kg	1	6/13/2020 7:05:47 PM	53057
Xylenes, Total	ND	0.10	mg/Kg	1	6/13/2020 7:05:47 PM	53057
Surr: 1,2-Dichloroethane-d4	97.9	70-130	%Rec	1	6/13/2020 7:05:47 PM	53057
Surr: 4-Bromofluorobenzene	91.9	70-130	%Rec	1	6/13/2020 7:05:47 PM	53057
Surr: Dibromofluoromethane	103	70-130	%Rec	1	6/13/2020 7:05:47 PM	53057
Surr: Toluene-d8	97.4	70-130	%Rec	1	6/13/2020 7:05:47 PM	53057

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL
 - Reporting Limit

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Client:	Safet	y & Environmental Sol	utions							
Project:	Devo	on Lusitano 27-34 235H	[
Sample ID:	MB-53111	SampType: mbl	k	Tes	tCode: EF	PA Method	300.0: Anions			
•	PBS	Batch ID: 531		P	unNo: 69	0670				
							liste de			
Prep Date:	6/16/2020	Analysis Date: 6/1	6/2020	5	eqNo: 24	419293	Units: mg/Kg)		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-53111	SampType: Ics		Tes	tCode: EF	PA Method	300.0: Anions	i		
Client ID:	LCSS	Batch ID: 531	11	R	unNo: 69	9670				
Prep Date:	6/16/2020	Analysis Date: 6/1	6/2020	S	eqNo: 24	419294	Units: mg/Kg	J		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	93.3	90	110			
Sample ID:	MB-53126	SampType: mbl	k	Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	PBS	Batch ID: 5312	26	R	unNo: 69	9715				
Prep Date:	6/17/2020	Analysis Date: 6/1	7/2020	S	eqNo: 24	420528	Units: mg/Kg	9		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND 1.5								
Sample ID:	LCS-53126	SampType: Ics		Tes	tCode: EF	PA Method	300.0: Anions			
Client ID:	LCSS	Batch ID: 5312	26	R	unNo: 69	9715				
Prep Date:	6/17/2020	Analysis Date: 6/1	7/2020	S	eqNo: 24	420529	Units: mg/Kg	3		
Analyte		Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14 1.5	15.00	0	95.8	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 Quanitative 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

2006684

18-Jun-20

Client: Project:	Safety & Environ Devon Lusitano									
Sample ID: LCS-53	0 56 Sar	npType: L	cs	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	В	atch ID: 53	8056	F	RunNo: 69	9614				
Prep Date: 6/12/20	020 Analys	s Date: 6	/13/2020	S	SeqNo: 24	416335	Units: mg/K	g		
Analyte	Resu	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	DRO) 5	7 10	50.00	0	115	70	130			
Surr: DNOP	6.0)	5.000		121	55.1	146			
Sample ID: MB-530	56 Sar	прТуре: М	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	В	atch ID: 5	8056	F	RunNo: 69	9614				
Prep Date: 6/12/20	020 Analys	s Date: 6	/13/2020	S	SeqNo: 24	416336	Units: mg/K	g		
Analyte	Resu	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	,									
Motor Oil Range Organics										
Surr: DNOP	1:	2	10.00		124	55.1	146			
Sample ID: MB-530	59 Sar	прТуре: М	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	В	atch ID: 5:	8059	F	RunNo: 69	9626				
Prep Date: 6/13/20	020 Analys	s Date: 6	/14/2020	5	SeqNo: 24	416601	Units: mg/K	g		
Analyte	Resu	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	,) 10								
Motor Oil Range Organics										
Surr: DNOP	1:	2	10.00		121	55.1	146			
Sample ID: LCS-53	059 Sar	npType: L	cs	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	В	atch ID: 5	8059	F	RunNo: 69	9623				
Prep Date: 6/13/20	020 Analys	s Date: 6	/14/2020	S	SeqNo: 24	416881	Units: mg/K	g		
Analyte	Resu	t PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (D	0RO) 60) 10	50.00	0	120	70	130			
Surr: DNOP	5.9)	5.000		119	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 Quanitative 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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18-Jun-20

	t Environm Lusitano 27-									
Sample ID: mb-53054	SampT	ype: ME	BLK	Tes	Code: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: PBS	Batch	h ID: 53	054	R	unNo: 69	9632				
Prep Date: 6/12/2020	Analysis D	0ate: 6/	14/2020	S	eqNo: 24	416989	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	820		1000		81.5	66.6	105			
Sample ID: Ics-53054	SampT	ype: LC	S	Tes	Code: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCSS	Batch	h ID: 53	054	R	unNo: 69	9632				
Prep Date: 6/12/2020	Analysis D	Date: 6/	14/2020	S	eqNo: 24	416990	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	5.0	25.00	0	83.7	80	120			
Surr: BFB	910		1000		91.1	66.6	105			

Qualifiers:

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

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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	Safety & Environn Devon Lusitano 27									
Sample ID: mb-5305	4 Samp	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Bate	ch ID: 53	054	F	RunNo: 6 9	9632				
Prep Date: 6/12/20	20 Analysis	Date: 6/	14/2020	SeqNo: 2417174 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-Bromofluoroben:	zene 1.0		1.000		104	80	120			
Sample ID: LCS-530	54 Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Bato	ch ID: 53	054	F	RunNo: 6 9	9632				
Prep Date: 6/12/20	20 Analysis	Date: 6/	14/2020	S	SeqNo: 24	417175	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.1	80	120			
Toluene	0.98	0.050	1.000	0	97.7	80	120			
Ethylbenzene	0.97	0.050	1.000	0	97.3	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.8	80	120			
Surr: 4-Bromofluoroben:	zene 1.1		1.000		107	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 Quanitative 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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18-Jun-20

•	Environm usitano 27									
Sample ID: mb-53057	Samp ⁻	Туре: МЕ	BLK	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: PBS	Batc	h ID: 53	057	F	RunNo: 6	9620				
Prep Date: 6/12/2020	Analysis [Date: 6/	13/2020	S	SeqNo: 24	416339	Units: mg/K	g		
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: 1,2-Dichloroethane-d4	0.48		0.5000		97.0	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		98.9	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		103	70	130			
Surr: Toluene-d8	0.52		0.5000		104	70	130			
Sample ID: Ics-53057	Samp	Type: LC	S4	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: BatchQC	•	h ID: 53		F	RunNo: 6	9620				
Prep Date: 6/12/2020	Analysis [Date: 6/	13/2020	S	SeqNo: 24	416340	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	102	80	120			
Toluene	1.0	0.050	1.000	0	103	80	120			
Ethylbenzene	1.0	0.050	1.000	0	105	80	120			
Xylenes, Total	3.3	0.10	3.000	0	110	80	120			
Surr: 1,2-Dichloroethane-d4	0.47		0.5000		93.7	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.0	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		100	70	130			
Surr: Toluene-d8	0.51		0.5000		103	70	130			
Sample ID: 2006684-006ams	Samp	Type: MS	64	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: AH-16 1ft	Batc	h ID: 53	057	F	RunNo: 6	9620				
Prep Date: 6/12/2020	Analysis [Date: 6/	13/2020	S	SeqNo: 24	416342	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.025	0.9960	0	116	71.1	115			S
Toluene	1.1	0.050	0.9960	0	109	79.6	132			
Ethylbenzene	1.1	0.050	0.9960	0	106	83.8	134			
Xylenes, Total	3.4	0.10	2.988	0	115	82.4	132			
Surr: 1,2-Dichloroethane-d4	0.49		0.4980		99.0	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.4980		97.9	70	130			

Qualifiers:

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- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

Surr: Dibromofluoromethane

Surr: Toluene-d8

% Recovery outside of range due to dilution or matrix S

в Analyte detected in the associated Method Blank

109

103

70

70

130

130

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

0.4980

0.4980

2006684

18-Jun-20

WO#:

0.54

0.52

Client:

Project:

Qualifiers:

* D

Н

ND

PQL

S

Value exceeds Maximum Contaminant Level.

Holding times for preparation or analysis exceeded

% Recovery outside of range due to dilution or matrix

Sample Diluted Due to Matrix

Practical Quanitative Limit

Not Detected at the Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

Devon Lusitano 27-34 235H

1

В	Analyte detected in the associated Method Blank
---	---

Е

Р Sample pH Not In Range

- Value above quantitation range
- J Analyte detected below quantitation limits
- Reporting Limit RL

18-Jun-20

Sample ID: 2006684-006ams	d Samp	I SampType: MSD4 Batch ID: 53057			TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: AH-16 1ft	Batc				RunNo: 69	9620						
Prep Date: 6/12/2020	Analysis [Date: 6/	13/2020	S	SeqNo: 24	416343	Units: mg/k	٤g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.96	0.024	0.9756	0	98.0	71.1	115	18.7	20			
Toluene	0.84	0.049	0.9756	0	85.8	79.6	132	26.2	20	R		
Ethylbenzene	0.89	0.049	0.9756	0	91.0	83.8	134	17.6	20			
Xylenes, Total	2.7	0.098	2.927	0	92.8	82.4	132	23.5	20	R		
Surr: 1,2-Dichloroethane-d4	0.49		0.4878		100	70	130	0	0			
Surr: 4-Bromofluorobenzene	0.45		0.4878		93.2	70	130	0	0			
Surr: Dibromofluoromethane	0.52		0.4878		107	70	130	0	0			
Surr: Toluene-d8	0.48		0.4878		99.0	70	130	0	0			

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	Safety &	Environme	ental Sc	olutions							
Project:	Devon Lu	isitano 27-	34 235	Н							
Sample ID: mb-5	53057	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS		Batch	n ID: 53	057	F	RunNo: 69	9620				
Prep Date: 6/12	2/2020	Analysis D	ate: 6/	13/2020	S	SeqNo: 24	416365	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga Surr: BFB	nics (GRO)	ND 520	5.0	500.0		103	70	130			
Sample ID: Ics-5	3057	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCS	S	Batch	n ID: 53	057	F	RunNo: 69	9620				
Prep Date: 6/12	2/2020	Analysis D	ate: 6/	13/2020	S	SeqNo: 24	416366	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga	nics (GRO)	19	5.0	25.00	0	76.1	70	130			
Surr: BFB		500		500.0		99.4	70	130			
Sample ID: 2006	684-007ams	SampT	ype: MS	3	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: AH-1	7 Surface	Batch	n ID: 53	057	F	RunNo: 69	9620				
Prep Date: 6/12	2/2020	Analysis D	ate: 6/	13/2020	S	SeqNo: 24	416369	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga	nics (GRO)	20	5.0	24.90	0	82.0	70	130			
Surr: BFB		500		498.0		99.6	70	130			
Sample ID: 2006	684-007amsd	SampT	ype: MS	SD	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range	
Client ID: AH-1	7 Surface	Batch	n ID: 53	057	F	RunNo: 6 9	9620				
Prep Date: 6/12	2/2020	Analysis D	ate: 6/	13/2020	S	SeqNo: 24	416370	Units: mg/K	g		

	,				•		5	5		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.9	24.61	0	84.5	70	130	1.84	20	
Surr: BFB	500		492.1		102	70	130	0	0	

Qualifiers:

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- Н Holding times for preparation or analysis exceeded
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- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

2006684

18-Jun-20

HALL ENVIRONMENTAL ANALYSIS LABORATORY			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 Soluti	ons	Work (Order Num	ber: 2006	684			RcptNo	: 1		
Received By:	Juan Rojas		6/12/202	0 9:35:00	AM		4	anay anay				
Completed By:	Juan Rojas		6/12/202	0 10:44:57	7 AM		44	aneg	-			
Reviewed By:	Em cell	2/20										
Chain of Cus	stody											
1. Is Chain of C	Custody complete?				Yes	\checkmark	1	No 🗌	Not Present			
2. How was the	sample delivered?				Cour	ier						
<u>Log In</u>												
3. Was an atten	npt made to cool the	e samples?			Yes	\checkmark	١	No 🗌	NA 🗌			
4. Were all sam	ples received at a te	emperature	of >0°C to	o 6.0°C	Yes	✓	Ν	10 □	NA 🗌			
5. Sample(s) in	proper container(s)	?			Yes	\checkmark	Ν	10 🗌				
6. Sufficient sam	nple volume for indic	cated test(s))?		Yes	✓	N	lo 🗌				
7. Are samples ((except VOA and Of	NG) properly	y preserved	1?	Yes	\checkmark	N	lo 🗌				
8. Was preserva	ative added to bottle	s?			Yes		Ν	lo 🔽	NA 🗌			
9. Received at le	east 1 vial with head	space <1/4	" for AQ VC	DA?	Yes		N	o 🗌	NA 🗹	10		
10. Were any sar	mple containers rece	eived broke	n?		Yes		Ν	10 🔽 🏻	# of preserved	11		
	ork match bottle labe				Yes	✓	Ν	lo 🗆	bottles checked for pH:	6(17 20		
	ancies on chain of c correctly identified o		Custody?		Yes	√	N	o 🗆	Adjusted?	>12 driless floted)		
	t analyses were req		Sustouy!			 	N	_				
14. Were all holdi	ng times able to be ustomer for authoriz	met?				✓	N	_	Checked by:			
Special Handl	ling (if applicab	le)										
and and a set of the set	otified of all discrepa		his order?		Yes		Ν	lo 🗌	NA 🔽			
Person	Notified:			Date]		
By Who	om:			Via:	eMa	il 🗌	Phone	Fax	In Person			
Regard	ing:											
Client I	nstructions:											
16. Additional re	marks:									-		
17. Cooler Infor	mation											
Cooler No	Temp °C Con		al Intact	Seal No	Seal Da	ite	Signe	d By				
1	3.5 Good											

Page 1 of 1

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 CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8260 (VOA) Total Coliform (Present/Absent) Total Coliform (Present/Absent)	K K K K K K K K Marks: K
Turn-Around Time: 5 dey [lef] Standard Rush Project Name: Deven 27-34 23514 Project #: Project #:	Project Manager:	The Tool Image: Second state -000 Image: Second state -000 Image: Second state -000 Image: Second state -010 Image: Second state -010 <td< td=""></td<>
Chain-of-Custody Record Client: Start An Unumed Address: 702 E Climbol Mailing Address: 703 E Climbol Phone #: 575.297.0570	email or Fax#: advact Package: advact Package: advact Package: advact Package: Canal and Accreditation: Accreditation: NELAC NELAC NELAC Other EDD (Type) Date Time Matrix Sample Name	

Received by OCD: 11/9/2022 8	8:52:06 AM		Page 36 of 6
L ENVIRONMENTAL LYSIS LABORATORY allenvironmental.com - Albuquerque, NM 87109 5 Fax 505-345-4107 Analysis Request	RCRA 8 Metals Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent) CMCMM		
HALL ANA www.h 4901 Hawkins NE Tel. 505-345-3975	EDB (Method 504.1) PAHs by 8310 or 8270SIMS		contract
1 Har	8081 Pesticides/8082 PCB's		
490 Te	ТРН:8015D(GRO / DRO / MRO)		Remarks:
	BTEX / MTBE / TMB's (8021)		lis possi
nd Time: 5 duy [lufind and 1 Rush Ime: Dev out Thew 27-34 - 2354	Project Manager: A.M. R.J. S.J. Sampler: Sampler: On Ice: D-Yes D No # of Coolers: 1 Cooler Temp(Including cr): 3.U10.123.5.(°C) Cooler Temp(Including cr): 3.U10.123.5.(°C) Container Preservative HEAL No. Type and # Type	TO- 10-	Via: Date Time Via: Childe Time Date Time CONFLOV CLUD 9.35
Turn-Around Time:	Project Manager Autor Sampler: On Ice: # of Coolers: Cooler Temp ^{(induw} Type and # Type		Received by: Received by:
Client: Stat + Grunonmull Client: Stat + Grunonmull Solution & Mailing Address: 702 & Clunon Mailing Address: 702 & Clunon Mailing Address: 702 & Clunon Phone #: 575 - 397 - 0510	email or Fax#: QA/QC Package: Call Validation) Accreditation: Az Compliance Accreditation: Az Compliance I NELAC Other Delta Sample Name Date Time Matrix Sample Name		Date Time: Relinquished by: Received by: Via: Date Time Remarks: Date: Time: Relinquished by: Received by: Via: Date Time Date: Time: Relinquished by: Received by: Via: Date Time Date: Time: Relinquished by: Received by: Via: Date Time If Date: Time: Relinquished by: Received by: Via: Date Received by: If Date: Time: Relinquished by: Received by: Via: Date Received by: If Date: Time: Relinquished by: Received by: Via: Date Received by: If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted on the analytical report.



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

April 27, 2020

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

RE: Devon Lusttano 27 34 Fed 235H

OrderNo.: 2004886

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 18 sample(s) on 4/21/2020 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,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Surr: Toluene-d8

Analytical Report Lab Order 2004886

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Project: Devon Lusttano 27 34 Fed 235H

Date Reported: 4/27/2020 Client Sample ID: AH-1 Surface Collection Date: 4/15/2020 10:35:00 AM

Lab ID: 2004886-001	Matrix: SOIL	Received Date: 4/21/2020 11:05:00 AM					
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA METHOD 300.0: ANIONS					Analyst	: JMT	
Chloride	ND	60	mg/Kg	20	4/22/2020 9:24:06 AM	52006	
EPA METHOD 8015D MOD: GASOLIN	NE RANGE				Analyst	DJF	
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/23/2020 3:58:23 PM	51988	
Surr: BFB	98.7	70-130	%Rec	1	4/23/2020 3:58:23 PM	51988	
EPA METHOD 8015M/D: DIESEL RAM	NGE ORGANICS				Analyst	BRM	
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	4/22/2020 7:53:59 AM	51992	
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	4/22/2020 7:53:59 AM	51992	
Surr: DNOP	95.5	55.1-146	%Rec	1	4/22/2020 7:53:59 AM	51992	
EPA METHOD 8260B: VOLATILES SH	HORT LIST				Analyst	DJF	
Benzene	ND	0.024	mg/Kg	1	4/23/2020 3:58:23 PM	51988	
Toluene	ND	0.047	mg/Kg	1	4/23/2020 3:58:23 PM	51988	
Ethylbenzene	ND	0.047	mg/Kg	1	4/23/2020 3:58:23 PM	51988	
Xylenes, Total	ND	0.095	mg/Kg	1	4/23/2020 3:58:23 PM	51988	
Surr: 1,2-Dichloroethane-d4	88.0	70-130	%Rec	1	4/23/2020 3:58:23 PM	51988	
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	4/23/2020 3:58:23 PM	51988	
Surr: Dibromofluoromethane	94.3	70-130	%Rec	1	4/23/2020 3:58:23 PM	51988	

96.8

70-130

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

%Rec

1

4/23/2020 3:58:23 PM

51988

RL Reporting Limit Page 1 of 23

Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-002

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-1 2ft Collection Date: 4/15/2020 10:55:00 AM Received Date: 4/21/2020 11:05:00 AM

	M SOIL							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	JMT		
Chloride	ND	60	mg/Kg	20	4/22/2020 10:01:19 AM	52006		
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF		
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	4/23/2020 5:24:08 PM	51988		
Surr: BFB	99.3	70-130	%Rec	1	4/23/2020 5:24:08 PM	51988		
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM		
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/22/2020 9:06:25 AM	51992		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 9:06:25 AM	51992		
Surr: DNOP	79.0	55.1-146	%Rec	1	4/22/2020 9:06:25 AM	51992		
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF		
Benzene	ND	0.024	mg/Kg	1	4/23/2020 5:24:08 PM	51988		
Toluene	ND	0.049	mg/Kg	1	4/23/2020 5:24:08 PM	51988		
Ethylbenzene	ND	0.049	mg/Kg	1	4/23/2020 5:24:08 PM	51988		
Xylenes, Total	ND	0.098	mg/Kg	1	4/23/2020 5:24:08 PM	51988		
Surr: 1,2-Dichloroethane-d4	89.6	70-130	%Rec	1	4/23/2020 5:24:08 PM	51988		
Surr: 4-Bromofluorobenzene	97.9	70-130	%Rec	1	4/23/2020 5:24:08 PM	51988		
Surr: Dibromofluoromethane	95.0	70-130	%Rec	1	4/23/2020 5:24:08 PM	51988		
Surr: Toluene-d8	98.1	70-130	%Rec	1	4/23/2020 5:24:08 PM	51988		

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-003

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-2 Surface Collection Date: 4/15/2020 11:10:00 AM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	4/22/2020 10:13:44 AM	52006
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/23/2020 6:50:02 PM	51988
Surr: BFB	98.2	70-130	%Rec	1	4/23/2020 6:50:02 PM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/22/2020 10:19:17 AM	51992
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 10:19:17 AM	51992
Surr: DNOP	61.8	55.1-146	%Rec	1	4/22/2020 10:19:17 AM	51992
EPA METHOD 8260B: VOLATILES SHORT LIST	г				Analyst	DJF
Benzene	ND	0.024	mg/Kg	1	4/23/2020 6:50:02 PM	51988
Toluene	ND	0.047	mg/Kg	1	4/23/2020 6:50:02 PM	51988
Ethylbenzene	ND	0.047	mg/Kg	1	4/23/2020 6:50:02 PM	51988
Xylenes, Total	ND	0.095	mg/Kg	1	4/23/2020 6:50:02 PM	51988
Surr: 1,2-Dichloroethane-d4	88.5	70-130	%Rec	1	4/23/2020 6:50:02 PM	51988
Surr: 4-Bromofluorobenzene	98.4	70-130	%Rec	1	4/23/2020 6:50:02 PM	51988
Surr: Dibromofluoromethane	96.9	70-130	%Rec	1	4/23/2020 6:50:02 PM	51988
Surr: Toluene-d8	96.5	70-130	%Rec	1	4/23/2020 6:50:02 PM	51988

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-004

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-2 1ft Collection Date: 4/15/2020 11:20:00 AM Received Date: 4/21/2020 11:05:00 AM

	IA. DOIL							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	JMT		
Chloride	ND	59	mg/Kg	20	4/22/2020 10:26:09 AM	52006		
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF		
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/23/2020 7:18:32 PM	51988		
Surr: BFB	98.3	70-130	%Rec	1	4/23/2020 7:18:32 PM	51988		
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/22/2020 10:43:40 AM	51992		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 10:43:40 AM	51992		
Surr: DNOP	94.0	55.1-146	%Rec	1	4/22/2020 10:43:40 AM	51992		
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF		
Benzene	ND	0.024	mg/Kg	1	4/23/2020 7:18:32 PM	51988		
Toluene	ND	0.048	mg/Kg	1	4/23/2020 7:18:32 PM	51988		
Ethylbenzene	ND	0.048	mg/Kg	1	4/23/2020 7:18:32 PM	51988		
Xylenes, Total	ND	0.096	mg/Kg	1	4/23/2020 7:18:32 PM	51988		
Surr: 1,2-Dichloroethane-d4	92.9	70-130	%Rec	1	4/23/2020 7:18:32 PM	51988		
Surr: 4-Bromofluorobenzene	98.8	70-130	%Rec	1	4/23/2020 7:18:32 PM	51988		
Surr: Dibromofluoromethane	98.2	70-130	%Rec	1	4/23/2020 7:18:32 PM	51988		
Surr: Toluene-d8	96.5	70-130	%Rec	1	4/23/2020 7:18:32 PM	51988		

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-005

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-3 Surface Collection Date: 4/15/2020 11:35:00 AM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	4/22/2020 10:38:33 AM	52006
EPA METHOD 8015D MOD: GASOLINE RANGE	i i				Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/23/2020 7:46:58 PM	51988
Surr: BFB	96.9	70-130	%Rec	1	4/23/2020 7:46:58 PM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/22/2020 11:07:49 AM	51992
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/22/2020 11:07:49 AM	51992
Surr: DNOP	86.4	55.1-146	%Rec	1	4/22/2020 11:07:49 AM	51992
EPA METHOD 8260B: VOLATILES SHORT LIST	г				Analyst	DJF
Benzene	ND	0.023	mg/Kg	1	4/23/2020 7:46:58 PM	51988
Toluene	ND	0.046	mg/Kg	1	4/23/2020 7:46:58 PM	51988
Ethylbenzene	ND	0.046	mg/Kg	1	4/23/2020 7:46:58 PM	51988
Xylenes, Total	ND	0.092	mg/Kg	1	4/23/2020 7:46:58 PM	51988
Surr: 1,2-Dichloroethane-d4	87.2	70-130	%Rec	1	4/23/2020 7:46:58 PM	51988
Surr: 4-Bromofluorobenzene	97.8	70-130	%Rec	1	4/23/2020 7:46:58 PM	51988
Surr: Dibromofluoromethane	92.5	70-130	%Rec	1	4/23/2020 7:46:58 PM	51988
Surr: Toluene-d8	95.4	70-130	%Rec	1	4/23/2020 7:46:58 PM	51988

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-006

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-3 2ft Collection Date: 4/15/2020 11:50:00 AM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Uni	ts DI	F Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/	<g 20<="" td=""><td>0 4/22/2020 10:50:58 AM</td><td>A 52006</td></g>	0 4/22/2020 10:50:58 AM	A 52006
EPA METHOD 8015D MOD: GASOLINE RANGE					Analys	t: DJF
Gasoline Range Organics (GRO)	ND	4.9	mg/	≺g 1	4/23/2020 8:15:40 PM	51988
Surr: BFB	96.5	70-130	%Re	ec 1	4/23/2020 8:15:40 PM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.7	mg/	≺g 1	4/22/2020 11:31:54 AM	A 51992
Motor Oil Range Organics (MRO)	ND	49	mg/	<g 1<="" td=""><td>4/22/2020 11:31:54 AM</td><td>A 51992</td></g>	4/22/2020 11:31:54 AM	A 51992
Surr: DNOP	95.0	55.1-146	%Re	ec 1	4/22/2020 11:31:54 AM	M 51992
EPA METHOD 8260B: VOLATILES SHORT LIST					Analys	t: DJF
Benzene	ND	0.025	mg/	≺g 1	4/23/2020 8:15:40 PM	51988
Toluene	ND	0.049	mg/	<g 1<="" td=""><td>4/23/2020 8:15:40 PM</td><td>51988</td></g>	4/23/2020 8:15:40 PM	51988
Ethylbenzene	ND	0.049	mg/	<g 1<="" td=""><td>4/23/2020 8:15:40 PM</td><td>51988</td></g>	4/23/2020 8:15:40 PM	51988
Xylenes, Total	ND	0.098	mg/	≺g 1	4/23/2020 8:15:40 PM	51988
Surr: 1,2-Dichloroethane-d4	88.7	70-130	%Re	ec 1	4/23/2020 8:15:40 PM	51988
Surr: 4-Bromofluorobenzene	98.5	70-130	%Re	ec 1	4/23/2020 8:15:40 PM	51988
Surr: Dibromofluoromethane	97.0	70-130	%Re	ec 1	4/23/2020 8:15:40 PM	51988
Surr: Toluene-d8	97.2	70-130	%Re	ec 1	4/23/2020 8:15:40 PM	51988

Matrix: SOIL

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 Quanitative 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 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-4 Surface Collection Date: 4/15/2020 11:55:00 AM Received Date: 4/21/2020 11:05:00 AM

Lab ID:	2004886-007	Matrix: SOIL		Received Dat	t e: 4/2	21/2020 11:05:00 AM	
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA MET	THOD 300.0: ANIONS					Analyst:	ЈМТ
Chloride		ND	60	mg/Kg	20	4/22/2020 11:03:22 AM	52006
EPA MET	THOD 8015D MOD: GASOLI	NE RANGE				Analyst:	DJF
Gasoline	e Range Organics (GRO)	ND	4.8	mg/Kg	1	4/23/2020 8:44:12 PM	51988
Surr: I	BFB	101	70-130	%Rec	1	4/23/2020 8:44:12 PM	51988
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst:	BRM
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	4/22/2020 11:56:10 AM	51992
Motor Oi	Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 11:56:10 AM	51992
Surr: I	DNOP	123	55.1-146	%Rec	1	4/22/2020 11:56:10 AM	51992
EPA MET	THOD 8260B: VOLATILES S	HORT LIST				Analyst:	DJF
Benzene)	ND	0.024	mg/Kg	1	4/23/2020 8:44:12 PM	51988
Toluene		ND	0.048	mg/Kg	1	4/23/2020 8:44:12 PM	51988
Ethylben	izene	ND	0.048	mg/Kg	1	4/23/2020 8:44:12 PM	51988
Xylenes,	Total	ND	0.095	mg/Kg	1	4/23/2020 8:44:12 PM	51988
Surr: 7	1,2-Dichloroethane-d4	91.5	70-130	%Rec	1	4/23/2020 8:44:12 PM	51988
Surr: 4	4-Bromofluorobenzene	102	70-130	%Rec	1	4/23/2020 8:44:12 PM	51988
Surr: I	Dibromofluoromethane	97.7	70-130	%Rec	1	4/23/2020 8:44:12 PM	51988
Surr: 7	Toluene-d8	99.9	70-130	%Rec	1	4/23/2020 8:44:12 PM	51988

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-008

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-4 1ft Collection Date: 4/15/2020 12:10:00 PM Received Date: 4/21/2020 11:05:00 AM

	IA. DOIL							
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch		
EPA METHOD 300.0: ANIONS					Analyst	JMT		
Chloride	ND	60	mg/Kg	20	4/22/2020 11:15:46 AM	52006		
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF		
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/23/2020 9:12:55 PM	51988		
Surr: BFB	98.5	70-130	%Rec	1	4/23/2020 9:12:55 PM	51988		
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM		
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/22/2020 12:20:21 PM	51992		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 12:20:21 PM	51992		
Surr: DNOP	111	55.1-146	%Rec	1	4/22/2020 12:20:21 PM	51992		
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF		
Benzene	ND	0.024	mg/Kg	1	4/23/2020 9:12:55 PM	51988		
Toluene	ND	0.047	mg/Kg	1	4/23/2020 9:12:55 PM	51988		
Ethylbenzene	ND	0.047	mg/Kg	1	4/23/2020 9:12:55 PM	51988		
Xylenes, Total	ND	0.095	mg/Kg	1	4/23/2020 9:12:55 PM	51988		
Surr: 1,2-Dichloroethane-d4	89.9	70-130	%Rec	1	4/23/2020 9:12:55 PM	51988		
Surr: 4-Bromofluorobenzene	99.9	70-130	%Rec	1	4/23/2020 9:12:55 PM	51988		
Surr: Dibromofluoromethane	96.7	70-130	%Rec	1	4/23/2020 9:12:55 PM	51988		
Surr: Toluene-d8	98.5	70-130	%Rec	1	4/23/2020 9:12:55 PM	51988		

Matrix: SOIL

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 Quanitative 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 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-5 Surface Collection Date: 4/15/2020 1:15:00 PM Received Date: 4/21/2020 11:05:00 AM

Lab ID: 2004886-009	Matrix: SOIL		Received Date	e: 4/2	21/2020 11:05:00 AM	
Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	ЈМТ
Chloride	ND	59	mg/Kg	20	4/22/2020 11:28:10 AM	52006
EPA METHOD 8015D MOD: GASOLI	NE RANGE				Analyst:	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/23/2020 9:41:46 PM	51988
Surr: BFB	98.0	70-130	%Rec	1	4/23/2020 9:41:46 PM	51988
EPA METHOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/22/2020 1:09:02 PM	51992
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 1:09:02 PM	51992
Surr: DNOP	89.1	55.1-146	%Rec	1	4/22/2020 1:09:02 PM	51992
EPA METHOD 8260B: VOLATILES S	HORT LIST				Analyst:	DJF
Benzene	ND	0.024	mg/Kg	1	4/23/2020 9:41:46 PM	51988
Toluene	ND	0.048	mg/Kg	1	4/23/2020 9:41:46 PM	51988
Ethylbenzene	ND	0.048	mg/Kg	1	4/23/2020 9:41:46 PM	51988
Xylenes, Total	ND	0.096	mg/Kg	1	4/23/2020 9:41:46 PM	51988
Surr: 1,2-Dichloroethane-d4	91.8	70-130	%Rec	1	4/23/2020 9:41:46 PM	51988
Surr: 4-Bromofluorobenzene	97.3	70-130	%Rec	1	4/23/2020 9:41:46 PM	51988
Surr: Dibromofluoromethane	97.9	70-130	%Rec	1	4/23/2020 9:41:46 PM	51988
Surr: Toluene-d8	99.8	70-130	%Rec	1	4/23/2020 9:41:46 PM	51988

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- Analyte detected in the associated Method Blank в
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 9 of 23

Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-010

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-5 2ft Collection Date: 4/15/2020 1:35:00 PM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual 1	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	ND	60		mg/Kg	20	4/22/2020 11:40:34 AM	52006
EPA METHOD 8015D MOD: GASOLINE RANGE						Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	4/23/2020 10:10:20 PM	51988
Surr: BFB	96.3	70-130		%Rec	1	4/23/2020 10:10:20 PM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS					Analyst	BRM
Diesel Range Organics (DRO)	ND	9.0		mg/Kg	1	4/22/2020 1:33:23 PM	51992
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	4/22/2020 1:33:23 PM	51992
Surr: DNOP	82.2	55.1-146		%Rec	1	4/22/2020 1:33:23 PM	51992
EPA METHOD 8260B: VOLATILES SHORT LIST						Analyst	DJF
Benzene	ND	0.025		mg/Kg	1	4/23/2020 10:10:20 PM	51988
Toluene	ND	0.049		mg/Kg	1	4/23/2020 10:10:20 PM	51988
Ethylbenzene	ND	0.049		mg/Kg	1	4/23/2020 10:10:20 PM	51988
Xylenes, Total	ND	0.099		mg/Kg	1	4/23/2020 10:10:20 PM	51988
Surr: 1,2-Dichloroethane-d4	89.3	70-130		%Rec	1	4/23/2020 10:10:20 PM	51988
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	4/23/2020 10:10:20 PM	51988
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	4/23/2020 10:10:20 PM	51988
Surr: Toluene-d8	95.9	70-130		%Rec	1	4/23/2020 10:10:20 PM	51988

Matrix: SOIL

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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

Page 10 of 23

Analytical Report Lab Order 2004886

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Date Reported: 4/27/2020 Client Sample ID: AH-6 Surface Collection Date: 4/15/2020 1:40:00 PM

Project: Devon Lusttano 27 34 Fed 235H Lab ID: 2004886-011 Matrix: SOIL Received Date: 4/21/2020 11:05:00 AM Result **RL** Oual Units **DF** Date Analyzed Analyses Batch **EPA METHOD 300.0: ANIONS** Analyst: JMT Chloride ND 60 mg/Kg 20 4/22/2020 11:52:59 AM 52006 **EPA METHOD 8015D MOD: GASOLINE RANGE** Analyst: DJF Gasoline Range Organics (GRO) ND 5.0 mg/Kg 1 4/24/2020 1:03:07 AM 51988 Surr: BFB 98.3 70-130 %Rec 1 4/24/2020 1:03:07 AM 51988 **EPA METHOD 8015M/D: DIESEL RANGE ORGANICS** Analyst: BRM **Diesel Range Organics (DRO)** ND 9.7 mg/Kg 1 4/22/2020 1:57:55 PM 51992 Motor Oil Range Organics (MRO) ND 1 4/22/2020 1:57:55 PM 51992 48 mg/Kg Surr: DNOP 102 55.1-146 %Rec 4/22/2020 1:57:55 PM 51992 1 **EPA METHOD 8260B: VOLATILES SHORT LIST** Analyst: DJF ND 4/24/2020 1:03:07 AM 51988 Benzene 0.025 mg/Kg 1 Toluene ND 0.050 mg/Kg 1 4/24/2020 1:03:07 AM 51988 Ethylbenzene ND 0.050 mg/Kg 1 4/24/2020 1:03:07 AM 51988 Xylenes, Total ND mg/Kg 4/24/2020 1:03:07 AM 51988 0.10 1 Surr: 1,2-Dichloroethane-d4 87.3 70-130 %Rec 1 4/24/2020 1:03:07 AM 51988 Surr: 4-Bromofluorobenzene 95.1 70-130 %Rec 1 4/24/2020 1:03:07 AM 51988 4/24/2020 1:03:07 AM Surr: Dibromofluoromethane 93.2 70-130 %Rec 1 51988 Surr: Toluene-d8 100 70-130 %Rec 1 4/24/2020 1:03:07 AM 51988

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 Quanitative 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 limitsP Sample pH Not In Range
- RL Reporting Limit

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Lab ID:

Analytical Report Lab Order 2004886

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-012

Devon Lusttano 27 34 Fed 235H

Date Reported: 4/27/2020 Client Sample ID: AH-6 1ft Collection Date: 4/15/2020 1:50:00 PM

Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: JMT
Chloride	ND	60	mg/Kg	20	4/22/2020 12:30:13 PM	1 52006
EPA METHOD 8015D MOD: GASOLINE RAM	IGE				Analys	t: DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/24/2020 1:31:56 AM	51988
Surr: BFB	97.4	70-130	%Rec	1	4/24/2020 1:31:56 AM	51988
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analys	t: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/22/2020 2:22:30 PM	51992
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 2:22:30 PM	51992
Surr: DNOP	118	55.1-146	%Rec	1	4/22/2020 2:22:30 PM	51992
EPA METHOD 8260B: VOLATILES SHORT I	IST				Analys	t: DJF
Benzene	ND	0.023	mg/Kg	1	4/24/2020 1:31:56 AM	51988
Toluene	ND	0.046	mg/Kg	1	4/24/2020 1:31:56 AM	51988
Ethylbenzene	ND	0.046	mg/Kg	1	4/24/2020 1:31:56 AM	51988
Xylenes, Total	ND	0.093	mg/Kg	1	4/24/2020 1:31:56 AM	51988
Surr: 1,2-Dichloroethane-d4	86.6	70-130	%Rec	1	4/24/2020 1:31:56 AM	51988
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	4/24/2020 1:31:56 AM	51988
Surr: Dibromofluoromethane	95.8	70-130	%Rec	1	4/24/2020 1:31:56 AM	51988
Surr: Toluene-d8	99.5	70-130	%Rec	1	4/24/2020 1:31:56 AM	51988

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-013

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-7 Surface Collection Date: 4/15/2020 1:55:00 PM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	94	60	mg/Kg	20	4/22/2020 12:42:38 PM	52006
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	4/24/2020 2:00:42 AM	51988
Surr: BFB	100	70-130	%Rec	1	4/24/2020 2:00:42 AM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/22/2020 2:46:59 PM	51992
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 2:46:59 PM	51992
Surr: DNOP	130	55.1-146	%Rec	1	4/22/2020 2:46:59 PM	51992
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.024	mg/Kg	1	4/24/2020 2:00:42 AM	51988
Toluene	ND	0.048	mg/Kg	1	4/24/2020 2:00:42 AM	51988
Ethylbenzene	ND	0.048	mg/Kg	1	4/24/2020 2:00:42 AM	51988
Xylenes, Total	ND	0.096	mg/Kg	1	4/24/2020 2:00:42 AM	51988
Surr: 1,2-Dichloroethane-d4	88.8	70-130	%Rec	1	4/24/2020 2:00:42 AM	51988
Surr: 4-Bromofluorobenzene	99.7	70-130	%Rec	1	4/24/2020 2:00:42 AM	51988
Surr: Dibromofluoromethane	94.5	70-130	%Rec	1	4/24/2020 2:00:42 AM	51988
Surr: Toluene-d8	103	70-130	%Rec	1	4/24/2020 2:00:42 AM	51988

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-014

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-7 1ft Collection Date: 4/15/2020 2:05:00 PM Received Date: 4/21/2020 11:05:00 AM

Result	RL	Qual Units	DF	Date Analyzed	Batch				
				Analyst	JMT				
ND	60	mg/Kg	20	4/22/2020 12:55:03 PM	52006				
				Analyst	DJF				
ND	4.8	mg/Kg	1	4/24/2020 2:29:33 AM	51988				
101	70-130	%Rec	1	4/24/2020 2:29:33 AM	51988				
NICS				Analyst	BRM				
ND	9.9	mg/Kg	1	4/22/2020 3:11:28 PM	51992				
ND	49	mg/Kg	1	4/22/2020 3:11:28 PM	51992				
121	55.1-146	%Rec	1	4/22/2020 3:11:28 PM	51992				
				Analyst	DJF				
ND	0.024	mg/Kg	1	4/24/2020 2:29:33 AM	51988				
ND	0.048	mg/Kg	1	4/24/2020 2:29:33 AM	51988				
ND	0.048	mg/Kg	1	4/24/2020 2:29:33 AM	51988				
ND	0.097	mg/Kg	1	4/24/2020 2:29:33 AM	51988				
85.7	70-130	%Rec	1	4/24/2020 2:29:33 AM	51988				
100	70-130	%Rec	1	4/24/2020 2:29:33 AM	51988				
94.0	70-130	%Rec	1	4/24/2020 2:29:33 AM	51988				
104	70-130	%Rec	1	4/24/2020 2:29:33 AM	51988				
	ND 101 NICS ND 121	ND 60 ND 4.8 101 70-130 NICS ND 9.9 ND 49 121 55.1-146 ND 0.024 ND 0.048 ND 0.048 ND 0.048 ND 0.097 85.7 70-130 100 70-130 94.0 70-130	ND 60 mg/Kg ND 4.8 mg/Kg 101 70-130 %Rec NICS ND 9.9 mg/Kg ND 49 mg/Kg 121 55.1-146 %Rec ND 0.024 mg/Kg ND 0.048 mg/Kg ND 0.097 mg/Kg ND 0.097 mg/Kg ND 0.097 mg/Kg ND 0.097 mg/Kg 94.0 70-130 %Rec	ND 60 mg/Kg 20 ND 4.8 mg/Kg 1 101 70-130 %Rec 1 NICS ND 9.9 mg/Kg 1 ND 49 mg/Kg 1 121 55.1-146 %Rec 1 ND 0.024 mg/Kg 1 ND 0.048 mg/Kg 1 ND 0.097 mg/Kg 1 ND 0.097 mg/Kg 1 00 70-130 %Rec 1 94.0 70-130 %Rec 1	ND 60 mg/Kg 20 4/22/2020 12:55:03 PM ND 60 mg/Kg 1 4/22/2020 12:55:03 PM ND 4.8 mg/Kg 1 4/24/2020 2:29:33 AM 101 70-130 %Rec 1 4/24/2020 2:29:33 AM ND 4.8 mg/Kg 1 4/24/2020 2:29:33 AM NICS Analyst ND 9.9 mg/Kg 1 4/22/2020 3:11:28 PM ND 49 mg/Kg 1 4/22/2020 3:11:28 PM 121 55.1-146 %Rec 1 4/22/2020 3:11:28 PM MD 0.024 mg/Kg 1 4/22/2020 3:11:28 PM MD 0.024 mg/Kg 1 4/22/2020 3:11:28 PM MD 0.048 mg/Kg 1 4/22/2020 3:11:28 PM MD 0.024 mg/Kg 1 4/22/2020 2:29:33 AM ND 0.048 mg/Kg 1 4/24/2020 2:29:33 AM ND 0.097 mg/Kg 1 4/24/2020 2:29:33 AM				

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-015

Devon Lusttano 27 34 Fed 235H

Date Reported: 4/27/2020 Client Sample ID: AH-8 Surface Collection Date: 4/15/2020 2:15:00 PM

Collection Date: 4/15/2020 2:15:00 PM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	260	60	mg/Kg	20	4/22/2020 1:07:27 PM	52006
EPA METHOD 8015D MOD: GASOLINE RANGE	1				Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/24/2020 2:58:26 AM	51988
Surr: BFB	97.2	70-130	%Rec	1	4/24/2020 2:58:26 AM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORG/	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.9	mg/Kg	1	4/22/2020 3:35:43 PM	51992
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/22/2020 3:35:43 PM	51992
Surr: DNOP	129	55.1-146	%Rec	1	4/22/2020 3:35:43 PM	51992
EPA METHOD 8260B: VOLATILES SHORT LIST	г				Analyst	DJF
Benzene	ND	0.023	mg/Kg	1	4/24/2020 2:58:26 AM	51988
Toluene	ND	0.046	mg/Kg	1	4/24/2020 2:58:26 AM	51988
Ethylbenzene	ND	0.046	mg/Kg	1	4/24/2020 2:58:26 AM	51988
Xylenes, Total	ND	0.092	mg/Kg	1	4/24/2020 2:58:26 AM	51988
Surr: 1,2-Dichloroethane-d4	86.0	70-130	%Rec	1	4/24/2020 2:58:26 AM	51988
Surr: 4-Bromofluorobenzene	94.2	70-130	%Rec	1	4/24/2020 2:58:26 AM	51988
Surr: Dibromofluoromethane	93.0	70-130	%Rec	1	4/24/2020 2:58:26 AM	51988
Surr: Toluene-d8	101	70-130	%Rec	1	4/24/2020 2:58:26 AM	51988

Matrix: SOIL

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 Quanitative 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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Surr: Toluene-d8

Project:

Analytical Report Lab Order 2004886

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Devon Lusttano 27 34 Fed 235H

Date Reported: 4/27/2020 Client Sample ID: AH-8 1ft Collection Date: 4/15/2020 2:20:00 PM Received Date: 4/21/2020 11:05:00 AM

Lab ID: 2004886-016	Matrix: SOIL Received Date: 4/21/2020 11:05:00 AM							
Analyses	Result	RL	RL Qual Units		DF Date Analyzed			
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ		
Chloride	ND	60	mg/Kg	20	4/22/2020 1:19:51 PM	52006		
EPA METHOD 8015D MOD: GASOL	INE RANGE				Analyst	DJF		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	4/24/2020 3:27:18 AM	51988		
Surr: BFB	99.9	70-130	%Rec	1	4/24/2020 3:27:18 AM	51988		
EPA METHOD 8015M/D: DIESEL RA	ANGE ORGANICS				Analyst	BRM		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	4/22/2020 4:00:15 PM	51992		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 4:00:15 PM	51992		
Surr: DNOP	113	55.1-146	%Rec	1	4/22/2020 4:00:15 PM	51992		
EPA METHOD 8260B: VOLATILES	SHORT LIST				Analyst	DJF		
Benzene	ND	0.025	mg/Kg	1	4/24/2020 3:27:18 AM	51988		
Toluene	ND	0.050	mg/Kg	1	4/24/2020 3:27:18 AM	51988		
Ethylbenzene	ND	0.050	mg/Kg	1	4/24/2020 3:27:18 AM	51988		
Xylenes, Total	ND	0.10	mg/Kg	1	4/24/2020 3:27:18 AM	51988		
Surr: 1,2-Dichloroethane-d4	89.6	70-130	%Rec	1	4/24/2020 3:27:18 AM	51988		
Surr: 4-Bromofluorobenzene	97.0	70-130	%Rec	1	4/24/2020 3:27:18 AM	51988		
Surr: Dibromofluoromethane	96.4	70-130	%Rec	1	4/24/2020 3:27:18 AM	51988		

103

70-130

%Rec

1

4/24/2020 3:27:18 AM 51988

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-017

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-13 Surface Collection Date: 4/16/2020 11:25:00 AM Received Date: 4/21/2020 11:05:00 AM

	IA. DOIL	Received Date: 4/21/2020 11:05:00 7101							
Analyses	Result		RL Qual Units		Date Analyzed	Batch			
EPA METHOD 300.0: ANIONS					Analyst	: JMT			
Chloride	ND	60	mg/Kg	20	4/22/2020 1:32:16 PM	52006			
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF			
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	4/24/2020 3:56:06 AM	51988			
Surr: BFB	99.5	70-130	%Rec	1	4/24/2020 3:56:06 AM	51988			
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM			
Diesel Range Organics (DRO)	ND	10	mg/Kg	1	4/22/2020 4:24:29 PM	51992			
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	4/22/2020 4:24:29 PM	51992			
Surr: DNOP	95.7	55.1-146	%Rec	1	4/22/2020 4:24:29 PM	51992			
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF			
Benzene	ND	0.023	mg/Kg	1	4/24/2020 3:56:06 AM	51988			
Toluene	ND	0.047	mg/Kg	1	4/24/2020 3:56:06 AM	51988			
Ethylbenzene	ND	0.047	mg/Kg	1	4/24/2020 3:56:06 AM	51988			
Xylenes, Total	ND	0.093	mg/Kg	1	4/24/2020 3:56:06 AM	51988			
Surr: 1,2-Dichloroethane-d4	85.9	70-130	%Rec	1	4/24/2020 3:56:06 AM	51988			
Surr: 4-Bromofluorobenzene	96.2	70-130	%Rec	1	4/24/2020 3:56:06 AM	51988			
Surr: Dibromofluoromethane	92.0	70-130	%Rec	1	4/24/2020 3:56:06 AM	51988			
Surr: Toluene-d8	102	70-130	%Rec	1	4/24/2020 3:56:06 AM	51988			

Matrix: SOIL

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 Quanitative 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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Lab ID:

Analytical Report Lab Order 2004886

Date Reported: 4/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

2004886-018

Devon Lusttano 27 34 Fed 235H

Client Sample ID: AH-13 1ft Collection Date: 4/16/2020 11:45:00 AM Received Date: 4/21/2020 11:05:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	72	60	mg/Kg	20	4/22/2020 10:53:54 AM	52011
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	DJF
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	4/24/2020 4:24:56 AM	51988
Surr: BFB	101	70-130	%Rec	1	4/24/2020 4:24:56 AM	51988
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	4/22/2020 4:48:48 PM	51992
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	4/22/2020 4:48:48 PM	51992
Surr: DNOP	110	55.1-146	%Rec	1	4/22/2020 4:48:48 PM	51992
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	DJF
Benzene	ND	0.023	mg/Kg	1	4/24/2020 4:24:56 AM	51988
Toluene	ND	0.046	mg/Kg	1	4/24/2020 4:24:56 AM	51988
Ethylbenzene	ND	0.046	mg/Kg	1	4/24/2020 4:24:56 AM	51988
Xylenes, Total	ND	0.092	mg/Kg	1	4/24/2020 4:24:56 AM	51988
Surr: 1,2-Dichloroethane-d4	87.7	70-130	%Rec	1	4/24/2020 4:24:56 AM	51988
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	4/24/2020 4:24:56 AM	51988
Surr: Dibromofluoromethane	93.0	70-130	%Rec	1	4/24/2020 4:24:56 AM	51988
Surr: Toluene-d8	100	70-130	%Rec	1	4/24/2020 4:24:56 AM	51988

Matrix: SOIL

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 Quanitative 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.

100

60

30.00

71.78

2004886

WO#:

Hall Envir	onmenta	l Analy	vsis I	Laborat	ory, Inc.						27-Apr-2
Client: Project:	Safety & I Devon Lu	Environme sttano 27 3									
Sample ID: MB-5	2006	SampTy	/pe: ml	olk	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID: PBS		Batch	ID: 52	006	F						
Prep Date: 4/22	2/2020	Analysis Da	ate: 4/	22/2020	5	SeqNo: 2	364826	Units: mg/K	g		
Analyte Chloride		Result ND	PQL 1.5	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Sample ID: LCS-	52006	SampTy	/pe: Ics	6	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID: LCSS	6	Batch	ID: 52	006	F	RunNo: 6	8333				
Prep Date: 4/22	2/2020	Analysis Da	ate: 4/	22/2020	5	SeqNo: 2	364827	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	93.6	90	110			
Sample ID: MB-5	52011	SampTy	/pe: ml	olk	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID: PBS		Batch	ID: 52	011	F	RunNo: 6	8324				
Prep Date: 4/22	2/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364875	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		ND	1.5								
Sample ID: LCS-	52011	SampTy	/pe: Ics	6	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID: LCSS	5	Batch	ID: 52	011	F	RunNo: 6	8324				
Prep Date: 4/22	2/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364876	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride		14	1.5	15.00	0	92.4	90	110			
Sample ID: 2004	886-018AMSD	SampTy	/pe: m	sd	Tes	tCode: E	PA Method	300.0: Anion	s		
Client ID: AH-1	3 1ft	Batch	ID: 52	011	F	RunNo: 6	8324				
Prep Date: 4/22	2/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364881	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Chloride

- * 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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

97.0

50.4

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

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20

0.643

161

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Project:	•	Environme 1sttano 27 3									
Sample ID:	2004886-001AMS	SampTy	pe: MS	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	AH-1 Surface	Batch	ID: 51	992	R	RunNo: 68326					
Prep Date:	4/21/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364051	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
	Organics (DRO)	47	9.9	49.50	0	95.9	47.4	136			
Surr: DNOP		3.9		4.950		78.4	55.1	146			
Sample ID:	2004886-001AMS) SampTy	pe: M \$	SD	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	AH-1 Surface	Batch	ID: 51	992	R	RunNo: 6	8326				
Prep Date:	4/21/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364053	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	51	9.9	49.70	0	103	47.4	136	7.79	43.4	
Surr: DNOP		4.1		4.970		83.4	55.1	146	0	0	
Sample ID:	LCS-51992	SampTy	pe: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	LCSS	Batch	ID: 51	992	R	RunNo: 6	8326				
Prep Date:	4/21/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364062	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	57	10	50.00	0	114	70	130			
Surr: DNOP		5.3		5.000		106	55.1	146			
Sample ID:	MB-51992	SampTy	pe: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:	PBS	Batch	ID: 51	992	R	RunNo: 6	8326				
Prep Date:	4/21/2020	Analysis Da	ate: 4/	22/2020	S	SeqNo: 2	364067	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range C	Organics (DRO)	ND	10								
Motor Oil Rang	e Organics (MRO)	ND	50								
Surr: DNOP		10		10.00		103	55.1	146			

Qualifiers:

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- D Sample Diluted Due to Matrix
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- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative 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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2004886

27-Apr-20

WO#:

Benzene

Toluene

Ethylbenzene

Xylenes, Total

Surr: 1,2-Dichloroethane-d4

QC SUMMARY REPORT Hall **E**

ND

ND

ND

ND

0.46

0.025

0.050

0.050

0.10

0.5000

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WO#: Hall Environmental Analysis Laboratory, Inc.								
Client:Safety & Environmental SolutionsProject:Devon Lusttano 27 34 Fed 235H								
Sample ID: mb-51988	SampType: MBLK TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: PBS	Batch ID: 51988 RunNo: 68389							
Prep Date: 4/21/2020	Analysis Date: 4/23/2020 SeqNo: 2366242 Units: mg/Kg							
Analyte	Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit C	Qual						

91.7

70

130

Surr: 4-Bromofluorobenzene Surr: Dibromofluoromethane Surr: Toluene-d8	0.51 0.49 0.49		0.5000 0.5000 0.5000		102 97.4 97.5	70 70 70	130 130 130			
Sample ID: Ics-51988	SampT	ype: LC	S4	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: BatchQC	Batc	h ID: 519	51988 RunNo: 68389							
Prep Date: 4/21/2020	Analysis E	Date: 4/	23/2020	S	SeqNo: 2	366246	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.94	0.025	1.000	0	93.8	80	120			
Toluene	1.0	0.050	1.000	0	105	80	120			
Ethylbenzene	1.1	0.050	1.000	0	112	80	120			
Xylenes, Total	3.2	0.10	3.000	0	108	80	120			
Surr: 1,2-Dichloroethane-d4	0.45		0.5000		89.2	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		96.9	70	130			
Surr: Dibromofluoromethane	0.47		0.5000		94.9	70	130			
Surr: Toluene-d8	0.47		0.5000		94.1	70	130			

Sample ID: 2004886-002ams	SampT	Гуре: МS	4	TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: AH-1 2ft	Batc	h ID: 519	988	R	RunNo: 68389					
Prep Date: 4/21/2020	Analysis E	Date: 4/2	23/2020	S	eqNo: 2	366255	Units: mg/K	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.023	0.9259	0	99.2	80	120			
Toluene	1.0	0.046	0.9259	0	113	80	120			
Ethylbenzene	1.1	0.046	0.9259	0	118	80	120			
Xylenes, Total	3.3	0.093	2.778	0	117	80	120			
Surr: 1,2-Dichloroethane-d4	0.41		0.4630		88.9	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.4630		100	70	130			
Surr: Dibromofluoromethane	0.45		0.4630		97.3	70	130			
Surr: Toluene-d8	0.44		0.4630		94.4	70	130			

Qualifiers:

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- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

RL Reporting Limit

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client:	Safety & Environmental Solutions
Project:	Devon Lusttano 27 34 Fed 235H

Sample ID: 2004886-002amsd SampType: MSD4			TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: AH-1 2ft	Batc	h ID: 519	988	F	RunNo: 68389						
Prep Date: 4/21/2020	Analysis E	Date: 4/2	23/2020	S	SeqNo: 2	366256	Units: mg/K	íg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	0.96	0.024	0.9479	0	101	80	120	4.02	20		
Toluene	1.1	0.047	0.9479	0	113	80	120	2.77	20		
Ethylbenzene	1.1	0.047	0.9479	0	118	80	120	3.00	20		
Xylenes, Total	3.4	0.095	2.844	0	120	80	120	5.04	20	S	
Surr: 1,2-Dichloroethane-d4	0.42		0.4739		88.2	70	130	0	0		
Surr: 4-Bromofluorobenzene	0.46		0.4739		97.2	70	130	0	0		
Surr: Dibromofluoromethane	0.44		0.4739		93.1	70	130	0	0		
Surr: Toluene-d8	0.44		0.4739		93.4	70	130	0	0		

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit PQL Practical Quanitative Limit

Qualifiers: *

> % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit RL

- Page 22 of 23

WO#: 2004886

27-Apr-20

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Client: Safety &	Environmental Se	olutions								
Project: Devon L	usttano 27 34 Fed	235H								
Sample ID: mb-51988	SampType: MI	BLK	TestCode: EPA Method 8015D Mod: Gasoline Range							
Client ID: PBS	Batch ID: 51	988	F	RunNo: 6	8389					
Prep Date: 4/21/2020	Analysis Date: 4	/23/2020	5	SeqNo: 2	366336	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 500	500.0		99.2	70	130				
Sample ID: Ics-51988	SampType: LC	s	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range		
Client ID: LCSS	Batch ID: 51	988	F	RunNo: 6	8389					
Prep Date: 4/21/2020	Analysis Date: 4	/23/2020	S	SeqNo: 2	366337	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	23 5.0	25.00	0	90.4	70	130				
Surr: BFB	490	500.0		97.9	70	130				
Sample ID: 2004886-001ams	SampType: M	S	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range		
Client ID: AH-1 Surface	Batch ID: 51	988	F	RunNo: 6	8389					
Prep Date: 4/21/2020	Analysis Date: 4	/23/2020	S	SeqNo: 2	366339	Units: mg/K	g			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Gasoline Range Organics (GRO)	25 4.9	24.44	0	104	70	130				
Surr: BFB	490	488.8		100	70	130				
Sample ID: 2004886-001ams	d SampType: M	SD	Tes	tCode: EF	PA Method	8015D Mod:	Gasoline	Range		
Client ID: AH-1 Surface	Batch ID: 51	988	F	RunNo: 6	8389					
Prep Date: 4/21/2020	Analysis Date: 4	/23/2020	S	SeqNo: 2	366342	Units: mg/K	a			

Prep Date: 4/21/2020	Analysis D	ale: 4/	23/2020	2		300342	Units: mg/k	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	25	4.9	24.61	0	103	70	130	0.358	20	
Surr: BFB	480		492.1		97.1	70	130	0	0	

Qualifiers:

- Value exceeds Maximum Contaminant Level. *
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
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- PQL Practical Quanitative Limit
- % Recovery outside of range due to dilution or matrix S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

2004886

27-Apr-20

WO#:

Page	61	of	68

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Alb TEL: 505-345-3973 Website: www.ha	49(uquero 5 FAX:	01 Hawi nue, NN 505-34	kins NE 1 87109 45-4107	Sample Log-In Check List			
Client Name: Safety Env Solutions W	/ork Order Number	: 200	4886			RcptNo: 1		
Received By: Desiree Dominguez 4/21	1/2020 11:05			T	Ž			
Completed By: Desiree Dominguez 4/21	1/2020 8:09:19 AM	ť.		Tt	-			
Reviewed By: DAD 4/21/20				1-4				
Chain of Custody								
1. Is Chain of Custody sufficiently complete?		Yes	\checkmark	N	•	Not Present		
2. How was the sample delivered?		<u>Cou</u>	rier					
Log In								
3. Was an attempt made to cool the samples?		Yes		N	b			
4. Were all samples received at a temperature of >0	° C to 6.0°C	Yes	\checkmark	N	b	NA 🗌		
5. Sample(s) in proper container(s)?		Yes	✓	N				
6. Sufficient sample volume for indicated test(s)?		Yes	\checkmark	No				
7. Are samples (except VOA and ONG) properly pres	erved?	Yes	~	No				
8. Was preservative added to bottles?		Yes		No	\checkmark	NA 🗌		
9. Received at least 1 vial with headspace <1/4" for A	Q VOA?	Yes		No		NA 🔽		
10. Were any sample containers received broken?		Yes		No		# of preserved		
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes	\checkmark	No		bottles checked for pH: (<2 or >12 unless noted)		
12. Are matrices correctly identified on Chain of Custor	dv?	Yes	\checkmark	No		Adjusted?		
13. Is it clear what analyses were requested?			V	No				
14. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes		No		Checked by: JR 4 21/2		
Special Handling (if applicable)								
15. Was client notified of all discrepancies with this or	der?	Yes		N		NA 🗸		
Person Notified:	Date:	inne ortagen	and the second second	an Gruppe andre Kopung	hevenheitenet			
By Whom:	Via:	eM	ail 🗔	Phone	Fax	In Person		
Regarding:		and the set of the						
Client Instructions:				Normal Partial Managers				
16. Additional remarks:								
17. <u>Cooler Information</u> Cooler No Temp °C Condition Seal Inter 1 Q.4% Good Not Prese		Seal D	ate	Signec	Ву			

Page 1 of 1

<i>Received by OCD: 11/9/2022 8</i>	::52:06 AM						Page 62 of 68
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IALL ENVIRON NALYSIS LABC www.hallenvironmental.com ns NE - Albuquerque, NM 5-3975 Fax 505-345-41 Analysis Request	Total Coliform (Present/Absent)	ted on
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- ENVIRO LYSIS LAE allenvironmental.cc - Albuquerque, NI - Fax 505-345- Analysis Request	(XOA) 08260 (VOA)	
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39.1	Leve Ipliance	d by:
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∪ ≥ Ē Released to Imaging: 2/3/202.		

ADDENDUM

Location name: Lusitano 27-34 Fed Com 235H OCD Spill Number: NMAP1826381249 From: Dale Woodall, Devon Energy Date: 11/9/2022

Since this report for the above referenced spill(s) was written, there has been an update in the status of the PODs for the location.

A review of New Mexico Office of the State Engineers (OSE) online water well database (New Mexico Office of the State Engineer (NMOSE) online water well database <u>https://gis.ose.state.nm.us/gisapps/ose_pod_locations/</u>).

One pod location is within $\frac{1}{2}$ mile radius and less than 25 years old.

C-4619 POD 1 (installed in 2022) did not encounter groundwater and is withing 0.5 miles of the location

The spill was remediated to criteria for DTW of 51-100 feet bgs.

Boring log of the well C-4619 POD1 is attached.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

							1.12.12.1.1.1.1.1.1.1						
ION	OSE POD NO POD 1 (TV	W-1)			WELL TAG ID NO. N/A			OSE FILE NO(3 C-4619	S).				
LOCAT	WELL OWN		S)					PHONE (OPTI 575-748-183	,				
GENERAL AND WELL LOCATION	WELL OWN 6488 7 Ri		IG ADDRESS Y					CITY Artesia		st NI	тате М 88210	ZIP	
Q	WELL		D	EGREES	MINUTES	SECOND	S						
TA	LOCATIO	N L	ATITUDE	DE 32 6 24.94 N * ACCURACY REQUIRED: ONE TENTH OF A SECOND									
ERA	(FROM GI	PS) LO	ONGITUDE	103	45	45.26	ó W	* DATUM REC	QUIRED: WGS 84	4			
GEN	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE												
1.0	→ NE NW NE Sec.27 T25S R31S NMPM												
	LICENSE NO. NAME OF LICENSED DRILLER NAME OF WELL DRILLING COMPANY												
	124	49			Jackie D. Atkins				Atkin	ns Enginee	ering Associates, In	nc.	
	DRILLING S 6/2/2		DRILLING ENDED 6/2/2022		MPLETED WELL (Finder Strength	Г) Е		le depth (ft) ±55	DEPTH WAT		NCOUNTERED (FT) N/A		
Z	COMPLETE	D WELL IS:	ARTESIAN	✓ DRY HOI	LE SHALLO	W (UNCONF	FINED)		L WATER LEVEL PLETED WELL	N/A	DATE STATIC		
TIO	DRILLING F	LUID:	AIR	MUD	ADDITIV	ES – SPECIF	Y:						
2. DRILLING & CASING INFORMATION	DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER-SPECIFY: Hollow Stem Auger												
INF	DEPTH	(feet bgl)	BORE HOLE	CASING	MATERIAL AND	D/OR	CA	SING	CASING	3 0	CASING WALL	SLOT	
NG	FROM	то	DIAM	(include	GRADE CONNECTION INSIDE DIA						THICKNESS	SIZE	
ISASI			(inches)		sections of screen)		add coupl	YPE ling diameter)	(inches)		(inches)	(inches)	
& (0	55	±6.5		Boring-HSA		_						
DNI													
IIII				-									
DF													
7													
		-							03800	JUNI	0 2022 ##9;2	-	
	DEPTH	(feet bgl)	BORE HOLE	LI	ST ANNULAR SE	EAL MATE	ERIAL A	ND	AMO	JNT	METHO	D OF	
IAL	FROM	то	DIAM. (inches)		VEL PACK SIZE-				(cubic		PLACEM		
ERI													
ANNULAR MATERIAL													
AR													
NUL													
ANN													
З.													
FOR	OSE INTER	NAL USE	3					WR-20	WELL REC	ORD & L	OG (Version 01/28	8/2022)	

FILE NO.	2 - 4/el	q - pi	DI	POD NO.	POD	TRN NO.	725951	1
LOCATION	295	312	27	2-1-	2	WELL TAG ID NO	. NIA	PAGE 1 OF 2
							1-1-	

	DEPTH (f	eet bgl) TO	THICKNESS (feet)	INCLUDE WATI	ER-BEARING	ATERIAL ENCOUN CAVITIES OR FRAC zets to fully describe a	TURE ZONES	B	WATER EARING? YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	4	4	Sand, Fine-g	rained, poorly	graded, 5 YR 5/3, Redo	dish Brown		Y √N	
	4	24	20			ded, with Caliche, 7.5			Y √N	
	24	55	31	Sand, Fine-grained, po				ellow	Y √N	
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,			Y N	
									Y N	
_									Y N	
4. HYDROGEOLOGIC LOG OF WELL									Y N	
DF V									Y N	
99									Y N	
CL									Y N	
OG									Y N	
EOI									Y N	
SOG									Y N	
IdX									Y N	
4. H									Y N	
									Y N	
									Y N	
									Y N	
									Y N	
									Y N	
				<u> </u>					Y N	
	METHOD U	SED TO ES	I STIMATE YIELI	DOF WATER-BEARIN	G STRATA:		1	TOTAL E	STIMATED	
					THER – SPEC	IFV.			ELD (gpm):	0.00
					THER – SPEC	IF 1:				
NOIS	WELL TES			TACH A COPY OF DA IME, AND A TABLE S						
TEST; RIG SUPERVIS	MISCELLA	NEOUS INI	24	· · · · · · · · · · · · · · · · · · ·	ogs), then hyd	nd soil boring backf Irated bentonite chir	os ten ieet bgs	to surface		
RIG			L	usitano 27 34 Fed Co	ш /34		US:	비고 나타 네	JN 10 202	2 HM 3: 22
EST;	DD INIT NIAN		DILL DIC SUDE	RVISOR(S) THAT PRO	WIDED ONE	TE CUDEDVICION O	EWELL CON	STRICTIC	N OTUFP T	IAN I ICENSEE.
5. TI	Shane Eldric			KVISOK(S) THAT PRO	JVIDED ONSI	TE SUPERVISION O	F WELL CON	STRUCTIO	IN OTHER IF	IAN LICENSEE:
SIGNATURE	CORRECT I	RECORD O	F THE ABOVE	FIES THAT, TO THE I DESCRIBED HOLE AI 30 DAYS AFTER COM	ND THAT HE	OR SHE WILL FILE				
	Jack Atkins Jackie D. Atkins 6/9/2022									
ġ.	SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE									
								L DEGGE	DALOGA	- 01/00/0000
	E NO.	-4U	G		POD NO.	Pupi	TRN NO.	725		rsion 01/28/2022)
1		() /			100110.				177	

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NA

WELL TAG ID NO.

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255

312

27

LOCATION

Page 6

Oil Conservation Division

Incident ID	NMAP1826381249
District RP	
Facility ID	
Application ID	

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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.

<u>Closure Report Attachment Checklist</u> : 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 must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regul restore, reclaim, and re-vegetate the impacted surface area to the co accordance with 19.15.29.13 NMAC including notification to the O	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.
Printed Name: Dale Woodall	Title: Env. Professional
Signature: Dale Woodall	Date: <u>11/9/2022</u>
email: <u>dale.woodall@dvn.com</u>	Telephone:575-748-1838
OCD Only	
Received by: OCD	Date: 11/9/2022
	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible /or regulations.
Closure Approved by: Ashley Maxwell	Date: 2/03/2023
Printed Name: Ashley Maxwell	Title: Environmental Specialist

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

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	157273
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/3/2023

Action 157273

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