

Oil Conservation Division

Incident ID	NTO1507736514
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Dale Woodall Title: Env. Professional
 Signature: *Dale Woodall* Date: 11/17/2022
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: OCD Date: 11/17/2022

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

Closure Approved by: *Ashley Maxwell* Date: 12/21/2022
 Printed Name: Ashley Maxwell Title: Environmental Specialist

**Devon Energy Production Company
Monk 21 State 1H**

**Closure Report
UL D, Section 21, T21S, R34E
Lea County, New Mexico**

NT01507736514

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 Monk 21 St 1H. According to the C-141, produced water was released. It was determined that the release was a result of a Victaulic clamp being removed from a valve allowing the release of all produced water in the container. No fluids were recovered. This site is situated in Lea County, Section 21, Township 21S, and Range 34E.

SESI personnel performed an assessment of the site in August 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 175' 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 August of 2020, SESI personnel performed sampling to determine vertical extent of the release. SESI advanced 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 Monk 21 St 1H Soil Sample Results: Hall Environmental Laboratories 8/14/20								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
AH-1 @ Surface	1600	ND	ND	ND	ND	ND	ND	ND
AH-1 @ 1'	190	ND	ND	ND	ND	ND	ND	ND
AH-2 @ Surface	960	ND	ND	ND	ND	ND	ND	ND
AH-2 @ 1'	170	ND	ND	ND	ND	ND	ND	ND
AH-3 @ Surface	120	ND	ND	ND	ND	ND	ND	ND
AH-4 @ Surface	140	ND	ND	ND	ND	ND	ND	ND

Horizontal Extent								
AH-5 North	150	ND						
AH-6 West	140	ND						
AH-7 South	150	ND						
AH-8 East	200	ND						

Remediation

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

Devon Energy Monk 21 St 1H Soil Sample Results: Hall Environmental Laboratories 9/28/20								
SAMPLE ID	Chloride	GRO	DRO	MRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SP-13 BTM @ 1'	77	ND	ND	ND	ND	ND	ND	ND
SP-14 BTM @ 1'	73	ND	ND	ND	ND	ND	ND	ND
SP-15 BTM @ 1'	76	ND	ND	ND	ND	ND	ND	ND
Horizontal Extent								
H-9 North	76	ND	ND	ND	ND	ND	ND	ND
H-10 East	70	ND	ND	ND	ND	ND	ND	ND
H-11 South	72	ND	ND	ND	ND	ND	ND	ND
H-12 West	71	ND	ND	ND	ND	ND	ND	ND

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

Closure Request

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

Supplemental Documentation for Closure

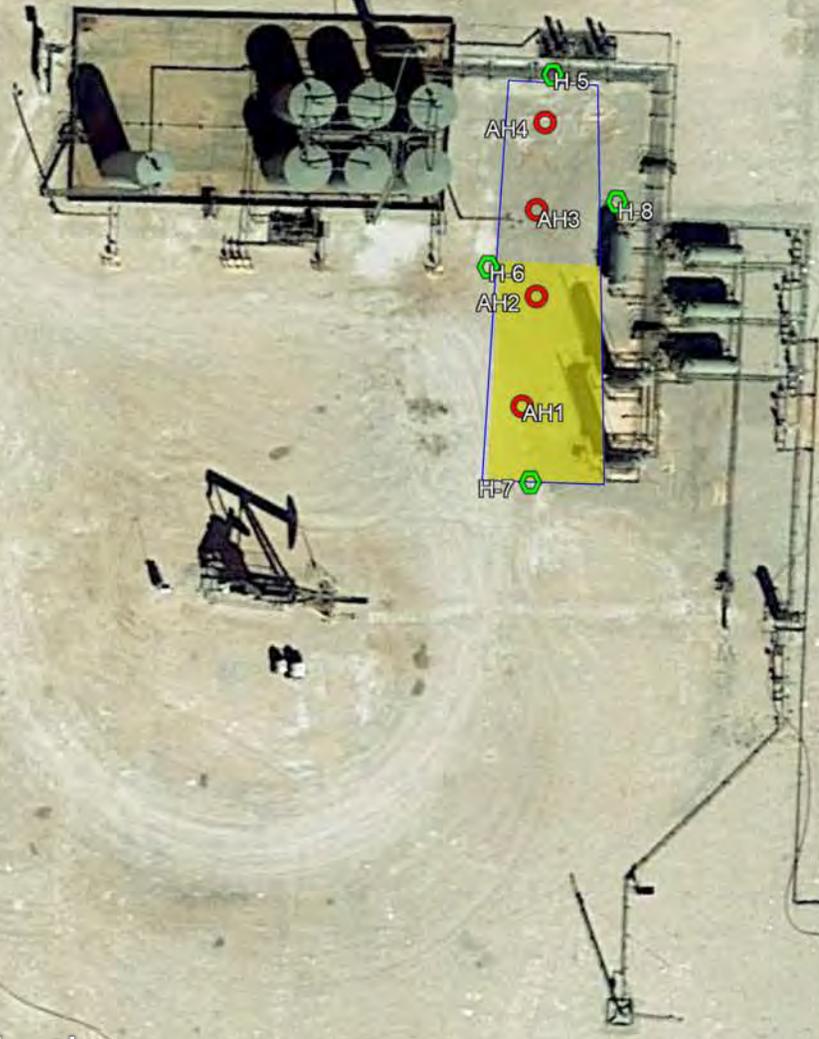
Map of Release with sample locations
Photos of release and remediation
NMOCD Oil and Gas Map
BLM Cave Karst Map
Laboratory Analysis
C-141

Devon, Monk 21 State Com #1H

DEV-20-047
1RP-3565
Leak date: 3/3/15

Legend

-  1 ft Excavation, approx. 2500 ft2
-  Vertical extent samples
-  Horizontal extent samples
-  LEAK AREA



Devon Energy

Monk 21 State 1H
D-21-T21S-R34E
Karst Map - Low
1RP-3565

Legend

-  32.47071, -103.48195
-  High
-  Low
-  Medium

 32.47071, -103.48195

Barrio

Google Earth



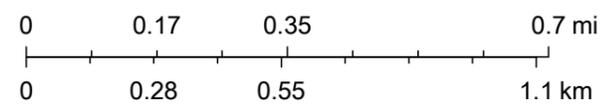
OSE PUBLIC PRINT



9/1/2021, 7:29:04 AM

1:18,056

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



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

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

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

Site Selection Results -- 10 sites found

Site name contains string = 21S.34E

Minimum number of levels = 1

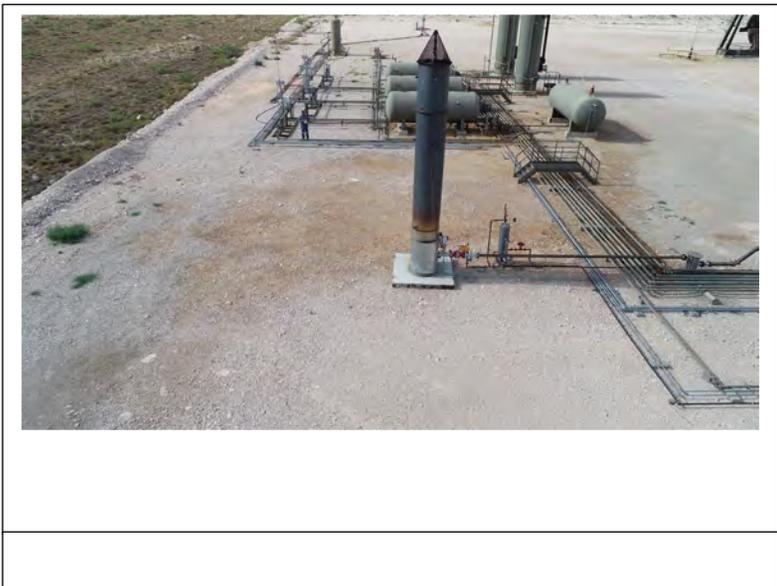
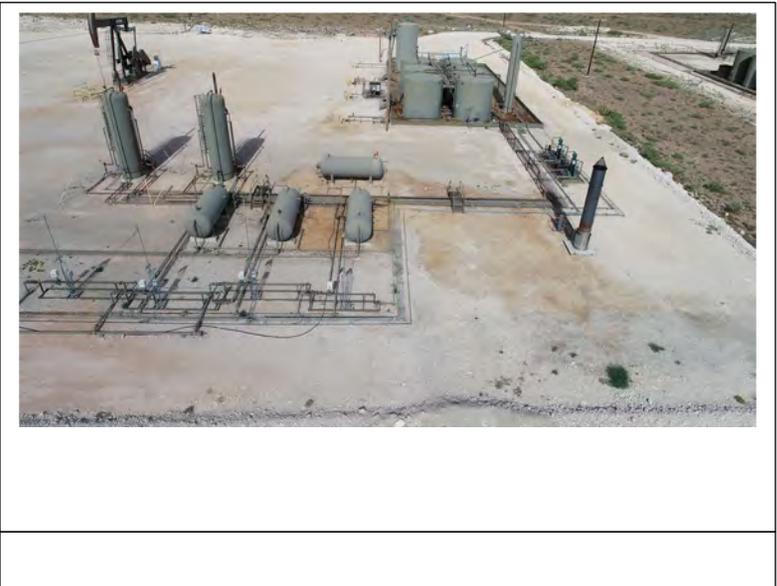
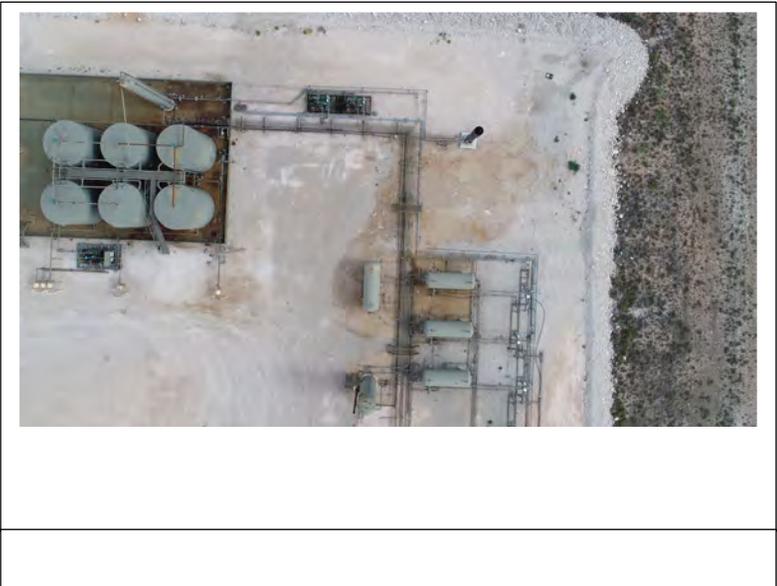
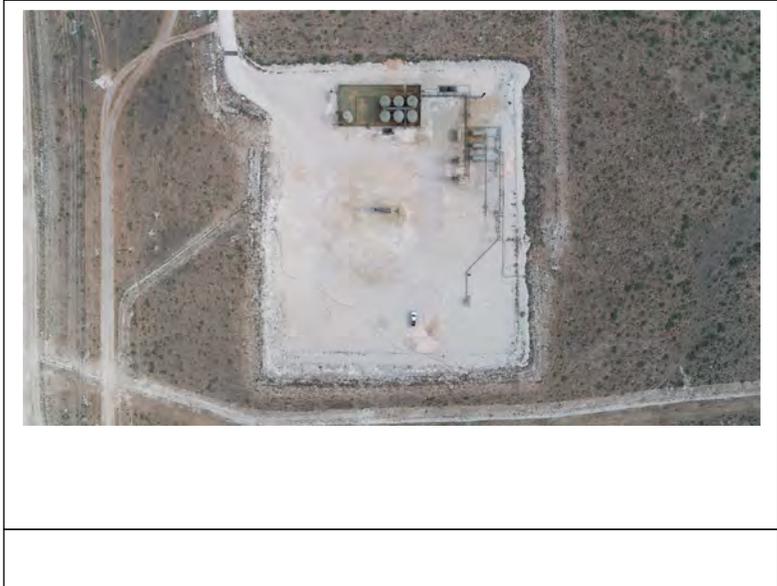
[Save file of selected sites](#) to local disk for future upload

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

Agency	Site Number	Site Name	Period of Record		
			Begin Date	End Date	Levels
USGS	322916103291101	21S.34E.08.42341	1954-06-30	1971-02-10	3
USGS	322607103281701	21S.34E.33.233443	1955-06-06	1955-06-06	1
USGS	322657103255201	21S.34E.25.13141	1965-10-29	1986-03-20	6
USGS	322738103263701	21S.34E.23.31000	1967-02-01	2018-10-29	25
USGS	322556103282401	21S.34E.33.233442	1968-03-28	2015-12-18	8
USGS	323032103250401	21S.34E.01.24122	1968-03-28	1996-02-22	7
USGS	322824103253301	21S.34E.13.32413	1976-12-15	1986-03-20	3
USGS	322925103290502	21S.34E.08.42341 A	1976-12-15	1996-02-13	5
USGS	323022103285301	21S.34E.04.311331	1981-03-11	2015-12-17	5
USGS	322650103281801	21S.34E.28.413232	1981-09-16	1996-03-13	4

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

Devon Energy – Monk 21 St Com 1H Site Photos



Devon Energy – Monk 21 St Com 1H Site Photos





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

October 07, 2020

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

RE: Devon Monk 21 ST Com 1H

OrderNo.: 2009H76

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 7 sample(s) on 9/30/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Andy Freeman', is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-9 North

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 9:40:00 AM

Lab ID: 2009H76-001

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	76	60		mg/Kg	20	10/6/2020 7:17:15 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/1/2020 12:03:16 PM	55564
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/1/2020 12:03:16 PM	55564
Surr: DNOP	86.9	30.4-154		%Rec	1	10/1/2020 12:03:16 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/1/2020 9:42:27 PM	55562
Surr: BFB	88.7	75.3-105		%Rec	1	10/1/2020 9:42:27 PM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/1/2020 9:42:27 PM	55562
Toluene	ND	0.046		mg/Kg	1	10/1/2020 9:42:27 PM	55562
Ethylbenzene	ND	0.046		mg/Kg	1	10/1/2020 9:42:27 PM	55562
Xylenes, Total	ND	0.092		mg/Kg	1	10/1/2020 9:42:27 PM	55562
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	10/1/2020 9:42:27 PM	55562

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

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

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-10 East

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 10:15:00 AM

Lab ID: 2009H76-002

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	70	60		mg/Kg	20	10/6/2020 7:54:28 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	10/1/2020 12:12:55 PM	55564
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2020 12:12:55 PM	55564
Surr: DNOP	87.9	30.4-154		%Rec	1	10/1/2020 12:12:55 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/1/2020 10:52:46 PM	55562
Surr: BFB	83.8	75.3-105		%Rec	1	10/1/2020 10:52:46 PM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/1/2020 10:52:46 PM	55562
Toluene	ND	0.048		mg/Kg	1	10/1/2020 10:52:46 PM	55562
Ethylbenzene	ND	0.048		mg/Kg	1	10/1/2020 10:52:46 PM	55562
Xylenes, Total	ND	0.096		mg/Kg	1	10/1/2020 10:52:46 PM	55562
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	10/1/2020 10:52:46 PM	55562

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

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

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-11 South

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 10:45:00 AM

Lab ID: 2009H76-003

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	72	60		mg/Kg	20	10/6/2020 8:06:52 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	10/1/2020 12:22:32 PM	55564
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	10/1/2020 12:22:32 PM	55564
Surr: DNOP	94.5	30.4-154		%Rec	1	10/1/2020 12:22:32 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	10/2/2020 12:02:41 AM	55562
Surr: BFB	88.0	75.3-105		%Rec	1	10/2/2020 12:02:41 AM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/2/2020 12:02:41 AM	55562
Toluene	ND	0.046		mg/Kg	1	10/2/2020 12:02:41 AM	55562
Ethylbenzene	ND	0.046		mg/Kg	1	10/2/2020 12:02:41 AM	55562
Xylenes, Total	ND	0.092		mg/Kg	1	10/2/2020 12:02:41 AM	55562
Surr: 4-Bromofluorobenzene	105	80-120		%Rec	1	10/2/2020 12:02:41 AM	55562

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

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

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-12 West

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 11:15:00 AM

Lab ID: 2009H76-004

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	71	60		mg/Kg	20	10/6/2020 8:44:05 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	10/1/2020 12:32:11 PM	55564
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	10/1/2020 12:32:11 PM	55564
Surr: DNOP	89.0	30.4-154		%Rec	1	10/1/2020 12:32:11 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	10/2/2020 12:26:01 AM	55562
Surr: BFB	84.8	75.3-105		%Rec	1	10/2/2020 12:26:01 AM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/2/2020 12:26:01 AM	55562
Toluene	ND	0.048		mg/Kg	1	10/2/2020 12:26:01 AM	55562
Ethylbenzene	ND	0.048		mg/Kg	1	10/2/2020 12:26:01 AM	55562
Xylenes, Total	ND	0.096		mg/Kg	1	10/2/2020 12:26:01 AM	55562
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	10/2/2020 12:26:01 AM	55562

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

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

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-13 Bottom 1 ft

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 1:10:00 PM

Lab ID: 2009H76-005

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	77	60		mg/Kg	20	10/6/2020 8:56:30 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	10/1/2020 12:41:52 PM	55564
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/1/2020 12:41:52 PM	55564
Surr: DNOP	87.7	30.4-154		%Rec	1	10/1/2020 12:41:52 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/2/2020 12:49:26 AM	55562
Surr: BFB	84.5	75.3-105		%Rec	1	10/2/2020 12:49:26 AM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.025		mg/Kg	1	10/2/2020 12:49:26 AM	55562
Toluene	ND	0.049		mg/Kg	1	10/2/2020 12:49:26 AM	55562
Ethylbenzene	ND	0.049		mg/Kg	1	10/2/2020 12:49:26 AM	55562
Xylenes, Total	ND	0.098		mg/Kg	1	10/2/2020 12:49:26 AM	55562
Surr: 4-Bromofluorobenzene	103	80-120		%Rec	1	10/2/2020 12:49:26 AM	55562

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

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

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-14 Bottom 1 ft

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 1:45:00 PM

Lab ID: 2009H76-006

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	73	60		mg/Kg	20	10/6/2020 9:08:55 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	10/1/2020 12:51:32 PM	55564
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	10/1/2020 12:51:32 PM	55564
Surr: DNOP	171	30.4-154	S	%Rec	1	10/1/2020 12:51:32 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	10/2/2020 1:12:54 AM	55562
Surr: BFB	89.0	75.3-105		%Rec	1	10/2/2020 1:12:54 AM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.024		mg/Kg	1	10/2/2020 1:12:54 AM	55562
Toluene	ND	0.049		mg/Kg	1	10/2/2020 1:12:54 AM	55562
Ethylbenzene	ND	0.049		mg/Kg	1	10/2/2020 1:12:54 AM	55562
Xylenes, Total	ND	0.097		mg/Kg	1	10/2/2020 1:12:54 AM	55562
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	10/2/2020 1:12:54 AM	55562

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

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

Analytical Report

Lab Order **2009H76**

Date Reported: **10/7/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-15 Bottom 1 ft

Project: Devon Monk 21 ST Com 1H

Collection Date: 9/28/2020 2:35:00 PM

Lab ID: 2009H76-007

Matrix: SOIL

Received Date: 9/30/2020 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: JMT
Chloride	76	60		mg/Kg	20	10/6/2020 9:21:19 PM	55687
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	10/1/2020 1:01:13 PM	55564
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	10/1/2020 1:01:13 PM	55564
Surr: DNOP	140	30.4-154		%Rec	1	10/1/2020 1:01:13 PM	55564
EPA METHOD 8015D: GASOLINE RANGE							Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	10/2/2020 1:36:20 AM	55562
Surr: BFB	93.1	75.3-105		%Rec	1	10/2/2020 1:36:20 AM	55562
EPA METHOD 8021B: VOLATILES							Analyst: NSB
Benzene	ND	0.023		mg/Kg	1	10/2/2020 1:36:20 AM	55562
Toluene	ND	0.047		mg/Kg	1	10/2/2020 1:36:20 AM	55562
Ethylbenzene	ND	0.047		mg/Kg	1	10/2/2020 1:36:20 AM	55562
Xylenes, Total	ND	0.093		mg/Kg	1	10/2/2020 1:36:20 AM	55562
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	10/2/2020 1:36:20 AM	55562

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009H76

07-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Monk 21 ST Com 1H

Sample ID: MB-55687	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 55687	RunNo: 72421								
Prep Date: 10/6/2020	Analysis Date: 10/6/2020	SeqNo: 2542615	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-55687	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 55687	RunNo: 72421								
Prep Date: 10/6/2020	Analysis Date: 10/6/2020	SeqNo: 2542616	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009H76

07-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Monk 21 ST Com 1H

Sample ID: LCS-55564	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 55564	RunNo: 72299								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2536515	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	49	10	50.00	0	97.5	70	130			
Surr: DNOP	5.2		5.000		103	30.4	154			

Sample ID: MB-55564	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 55564	RunNo: 72299								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2536516	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		115	30.4	154			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009H76

07-Oct-20

Client: Safety & Environmental Solutions
Project: Devon Monk 21 ST Com 1H

Sample ID: 2009h76-001ams	SampType: MS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: H-9 North	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537024	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	21	4.7	23.65	0	87.5	61.3	114			
Surr: BFB	870		946.1		92.5	75.3	105			

Sample ID: 2009h76-001amsd	SampType: MSD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: H-9 North	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537025	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	4.8	23.99	0	85.4	61.3	114	0.976	20	
Surr: BFB	920		959.7		96.2	75.3	105	0	0	

Sample ID: lcs-55562	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537035	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	86.4	72.5	106			
Surr: BFB	960		1000		95.7	75.3	105			

Sample ID: mb-55562	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537036	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	860		1000		85.5	75.3	105			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2009H76

07-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Monk 21 ST Com 1H

Sample ID: 2009h76-002ams	SampType: MS	TestCode: EPA Method 8021B: Volatiles								
Client ID: H-10 East	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537096	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.024	0.9515	0	97.1	76.3	120			
Toluene	0.98	0.048	0.9515	0.01254	102	78.5	120			
Ethylbenzene	1.0	0.048	0.9515	0	107	78.1	124			
Xylenes, Total	3.1	0.095	2.854	0	107	79.3	125			
Surr: 4-Bromofluorobenzene	1.0		0.9515		107	80	120			

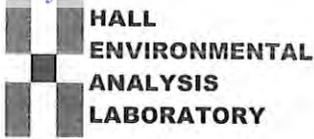
Sample ID: 2009h76-002amsd	SampType: MSD	TestCode: EPA Method 8021B: Volatiles								
Client ID: H-10 East	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537097	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.023	0.9285	0	94.2	76.3	120	5.42	20	
Toluene	0.94	0.046	0.9285	0.01254	100	78.5	120	3.93	20	
Ethylbenzene	0.97	0.046	0.9285	0	104	78.1	124	4.85	20	
Xylenes, Total	2.9	0.093	2.786	0	104	79.3	125	4.95	20	
Surr: 4-Bromofluorobenzene	0.98		0.9285		106	80	120	0	0	

Sample ID: LCS-55562	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537105	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.91	0.025	1.000	0	90.6	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.8	80	120			
Xylenes, Total	2.9	0.10	3.000	0	97.8	80	120			
Surr: 4-Bromofluorobenzene	1.1		1.000		107	80	120			

Sample ID: mb-55562	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 55562	RunNo: 72298								
Prep Date: 9/30/2020	Analysis Date: 10/1/2020	SeqNo: 2537106	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: Safety & Environmental Solutions

Work Order Number: 2009H76

RcptNo: 1

Received By: Juan Rojas

9/30/2020 7:35:00 AM

[Signature]

Completed By: Emily Mocho

9/30/2020 9:10:26 AM

Reviewed By:

[Signature] 9/30/20

Chain of Custody

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

Log In

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

of preserved bottles checked for pH: (<2 or >12 unless noted) Adjusted? Checked by [Signature] 9/30/20

Special Handling (if applicable)

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

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

16. Additional remarks:

17. Cooler Information

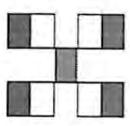
Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.2, Good, Not Present, [], [], []

Chain-of-Custody Record

Client: Safety & Environmental Solutions
 Mailing Address: 703 E. Clinton
Abbeville, MO 68240
 Phone #: 573-397-0510
 email or Fax#: _____
 QA/QC Package: Standard Level 4 (Full Validation)
 Accreditation: Az Compliance NELAC Other
 EDD (Type) _____

Turn-Around Time: 5 Day
 Standard Rush
 Project Name: Devon
Monk 21 St Corn 1H
 Project #: DEV-20-047
 Project Manager: Allen, Bob
 Sampler: Sam Young
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 0.2-0-0.2 (°C)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
09/28	0840	S	H-9 North	1		2007H76 001
	1015	S	H-10 East	1		002
	1045	S	H-11-South	1		003
	1115	S	H-12 West	1		004
	1310	S	SP-13 Bottom / G	1		005
	1345	S	SP-14 Bottom / G	1		007
09/28	1435	S	SP-15 Bottom / G	1		008



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

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

Received by: [Signature] Date: 9/29/20 Time: 1600
 Relinquished by: Sam Young
 Received by: [Signature] Date: 9/30/20 Time: 7:35
 Relinquished by: [Signature]
 Remarks: Bill Devon

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



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

August 26, 2020

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

RE: Devon Monk 21 St Com 1H IRP-3565

OrderNo.: 2008907

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 10 sample(s) on 8/18/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-1 Surface

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 9:55:00 AM

Lab ID: 2008907-001

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	1600	60		mg/Kg	20	8/24/2020 7:35:55 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/20/2020 5:07:53 PM	54549
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/20/2020 5:07:53 PM	54549
Surr: DNOP	82.9	30.4-154		%Rec	1	8/20/2020 5:07:53 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	8/20/2020 1:54:43 PM	54526
Surr: BFB	96.4	75.3-105		%Rec	1	8/20/2020 1:54:43 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/20/2020 1:54:43 PM	54526
Toluene	ND	0.050		mg/Kg	1	8/20/2020 1:54:43 PM	54526
Ethylbenzene	ND	0.050		mg/Kg	1	8/20/2020 1:54:43 PM	54526
Xylenes, Total	ND	0.10		mg/Kg	1	8/20/2020 1:54:43 PM	54526
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	8/20/2020 1:54:43 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-1 1ft

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 10:20:00 AM

Lab ID: 2008907-002

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	190	60		mg/Kg	20	8/24/2020 8:37:57 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	8/20/2020 5:17:48 PM	54549
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/20/2020 5:17:48 PM	54549
Surr: DNOP	127	30.4-154		%Rec	1	8/20/2020 5:17:48 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	8/20/2020 2:18:11 PM	54526
Surr: BFB	99.4	75.3-105		%Rec	1	8/20/2020 2:18:11 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.024		mg/Kg	1	8/20/2020 2:18:11 PM	54526
Toluene	ND	0.048		mg/Kg	1	8/20/2020 2:18:11 PM	54526
Ethylbenzene	ND	0.048		mg/Kg	1	8/20/2020 2:18:11 PM	54526
Xylenes, Total	ND	0.096		mg/Kg	1	8/20/2020 2:18:11 PM	54526
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	8/20/2020 2:18:11 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-2 Surface

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 10:45:00 AM

Lab ID: 2008907-003

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	960	60		mg/Kg	20	8/24/2020 8:50:22 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/20/2020 5:27:49 PM	54549
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/20/2020 5:27:49 PM	54549
Surr: DNOP	123	30.4-154		%Rec	1	8/20/2020 5:27:49 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/20/2020 2:41:47 PM	54526
Surr: BFB	99.4	75.3-105		%Rec	1	8/20/2020 2:41:47 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/20/2020 2:41:47 PM	54526
Toluene	ND	0.049		mg/Kg	1	8/20/2020 2:41:47 PM	54526
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2020 2:41:47 PM	54526
Xylenes, Total	ND	0.098		mg/Kg	1	8/20/2020 2:41:47 PM	54526
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	8/20/2020 2:41:47 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-2 1ft

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 11:10:00 AM

Lab ID: 2008907-004

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	170	59		mg/Kg	20	8/24/2020 9:02:47 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/20/2020 5:37:55 PM	54549
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/20/2020 5:37:55 PM	54549
Surr: DNOP	117	30.4-154		%Rec	1	8/20/2020 5:37:55 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/20/2020 3:05:31 PM	54526
Surr: BFB	101	75.3-105		%Rec	1	8/20/2020 3:05:31 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	8/20/2020 3:05:31 PM	54526
Toluene	ND	0.047		mg/Kg	1	8/20/2020 3:05:31 PM	54526
Ethylbenzene	ND	0.047		mg/Kg	1	8/20/2020 3:05:31 PM	54526
Xylenes, Total	ND	0.094		mg/Kg	1	8/20/2020 3:05:31 PM	54526
Surr: 4-Bromofluorobenzene	101	80-120		%Rec	1	8/20/2020 3:05:31 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-3 Surface

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 11:35:00 AM

Lab ID: 2008907-005

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	120	60		mg/Kg	20	8/24/2020 9:15:12 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/20/2020 5:47:57 PM	54549
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/20/2020 5:47:57 PM	54549
Surr: DNOP	95.3	30.4-154		%Rec	1	8/20/2020 5:47:57 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/20/2020 3:29:06 PM	54526
Surr: BFB	99.9	75.3-105		%Rec	1	8/20/2020 3:29:06 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/20/2020 3:29:06 PM	54526
Toluene	ND	0.049		mg/Kg	1	8/20/2020 3:29:06 PM	54526
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2020 3:29:06 PM	54526
Xylenes, Total	ND	0.098		mg/Kg	1	8/20/2020 3:29:06 PM	54526
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	8/20/2020 3:29:06 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: AH-4 Surface

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 11:55:00 AM

Lab ID: 2008907-006

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	140	60		mg/Kg	20	8/24/2020 9:27:36 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/20/2020 5:57:59 PM	54549
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	8/20/2020 5:57:59 PM	54549
Surr: DNOP	123	30.4-154		%Rec	1	8/20/2020 5:57:59 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/20/2020 4:40:06 PM	54526
Surr: BFB	102	75.3-105		%Rec	1	8/20/2020 4:40:06 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/20/2020 4:40:06 PM	54526
Toluene	ND	0.049		mg/Kg	1	8/20/2020 4:40:06 PM	54526
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2020 4:40:06 PM	54526
Xylenes, Total	ND	0.098		mg/Kg	1	8/20/2020 4:40:06 PM	54526
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	8/20/2020 4:40:06 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-5 North

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 12:25:00 PM

Lab ID: 2008907-007

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	150	60		mg/Kg	20	8/24/2020 9:40:00 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	8/20/2020 6:08:04 PM	54549
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/20/2020 6:08:04 PM	54549
Surr: DNOP	131	30.4-154		%Rec	1	8/20/2020 6:08:04 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/20/2020 5:03:49 PM	54526
Surr: BFB	102	75.3-105		%Rec	1	8/20/2020 5:03:49 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/20/2020 5:03:49 PM	54526
Toluene	ND	0.049		mg/Kg	1	8/20/2020 5:03:49 PM	54526
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2020 5:03:49 PM	54526
Xylenes, Total	ND	0.099		mg/Kg	1	8/20/2020 5:03:49 PM	54526
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	8/20/2020 5:03:49 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-6 West

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 1:05:00 PM

Lab ID: 2008907-008

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	140	60		mg/Kg	20	8/24/2020 9:52:24 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/20/2020 6:18:09 PM	54549
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/20/2020 6:18:09 PM	54549
Surr: DNOP	111	30.4-154		%Rec	1	8/20/2020 6:18:09 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/20/2020 5:27:33 PM	54526
Surr: BFB	105	75.3-105	S	%Rec	1	8/20/2020 5:27:33 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	8/20/2020 5:27:33 PM	54526
Toluene	ND	0.047		mg/Kg	1	8/20/2020 5:27:33 PM	54526
Ethylbenzene	ND	0.047		mg/Kg	1	8/20/2020 5:27:33 PM	54526
Xylenes, Total	ND	0.093		mg/Kg	1	8/20/2020 5:27:33 PM	54526
Surr: 4-Bromofluorobenzene	104	80-120		%Rec	1	8/20/2020 5:27:33 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-7 South

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 1:30:00 PM

Lab ID: 2008907-009

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CJS
Chloride	150	60		mg/Kg	20	8/24/2020 10:04:48 PM	54629
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/20/2020 6:28:18 PM	54549
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/20/2020 6:28:18 PM	54549
Surr: DNOP	85.6	30.4-154		%Rec	1	8/20/2020 6:28:18 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/20/2020 5:51:13 PM	54526
Surr: BFB	101	75.3-105		%Rec	1	8/20/2020 5:51:13 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.025		mg/Kg	1	8/20/2020 5:51:13 PM	54526
Toluene	ND	0.049		mg/Kg	1	8/20/2020 5:51:13 PM	54526
Ethylbenzene	ND	0.049		mg/Kg	1	8/20/2020 5:51:13 PM	54526
Xylenes, Total	ND	0.099		mg/Kg	1	8/20/2020 5:51:13 PM	54526
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	8/20/2020 5:51:13 PM	54526

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

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

Analytical Report

Lab Order **2008907**

Date Reported: **8/26/2020**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: H-8 East

Project: Devon Monk 21 St Com 1H IRP-3565

Collection Date: 8/14/2020 2:05:00 PM

Lab ID: 2008907-010

Matrix: SOIL

Received Date: 8/18/2020 7:55:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	200	60		mg/Kg	20	8/25/2020 12:29:44 PM	54650
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	8/20/2020 6:38:22 PM	54549
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/20/2020 6:38:22 PM	54549
Surr: DNOP	124	30.4-154		%Rec	1	8/20/2020 6:38:22 PM	54549
EPA METHOD 8015D: GASOLINE RANGE							Analyst: RAA
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/20/2020 6:14:52 PM	54526
Surr: BFB	101	75.3-105		%Rec	1	8/20/2020 6:14:52 PM	54526
EPA METHOD 8021B: VOLATILES							Analyst: RAA
Benzene	ND	0.023		mg/Kg	1	8/20/2020 6:14:52 PM	54526
Toluene	ND	0.046		mg/Kg	1	8/20/2020 6:14:52 PM	54526
Ethylbenzene	ND	0.046		mg/Kg	1	8/20/2020 6:14:52 PM	54526
Xylenes, Total	ND	0.092		mg/Kg	1	8/20/2020 6:14:52 PM	54526
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	8/20/2020 6:14:52 PM	54526

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

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2008907

26-Aug-20

Client: Safety & Environmental Solutions
Project: Devon Monk 21 St Com 1H IRP-3565

Sample ID: MB-54629	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 54629	RunNo: 71303								
Prep Date: 8/24/2020	Analysis Date: 8/24/2020	SeqNo: 2488391	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-54629	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 54629	RunNo: 71303								
Prep Date: 8/24/2020	Analysis Date: 8/24/2020	SeqNo: 2488392	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	93.4	90	110			

Sample ID: MB-54650	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 54650	RunNo: 71336								
Prep Date: 8/25/2020	Analysis Date: 8/25/2020	SeqNo: 2490723	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-54650	SampType: ics	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 54650	RunNo: 71336								
Prep Date: 8/25/2020	Analysis Date: 8/25/2020	SeqNo: 2490724	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.1	90	110			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2008907

26-Aug-20

Client: Safety & Environmental Solutions
Project: Devon Monk 21 St Com 1H IRP-3565

Sample ID: LCS-54549	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 54549	RunNo: 71237								
Prep Date: 8/19/2020	Analysis Date: 8/20/2020	SeqNo: 2485497	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	50.00	0	119	70	130			
Surr: DNOP	5.6		5.000		113	30.4	154			

Sample ID: MB-54549	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 54549	RunNo: 71237								
Prep Date: 8/19/2020	Analysis Date: 8/20/2020	SeqNo: 2485499	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		111	30.4	154			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2008907

26-Aug-20

Client: Safety & Environmental Solutions
Project: Devon Monk 21 St Com 1H IRP-3565

Sample ID: ics-54526	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: LCSS	Batch ID: 54526	RunNo: 71246								
Prep Date: 8/18/2020	Analysis Date: 8/20/2020	SeqNo: 2485797	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	88.4	72.5	106			
Surr: BFB	1100		1000		108	75.3	105			S

Sample ID: mb-54526	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range								
Client ID: PBS	Batch ID: 54526	RunNo: 71246								
Prep Date: 8/18/2020	Analysis Date: 8/20/2020	SeqNo: 2485801	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		101	75.3	105			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2008907

26-Aug-20

Client: Safety & Environmental Solutions
Project: Devon Monk 21 St Com 1H IRP-3565

Sample ID: LCS-54526	SampType: LCS	TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS	Batch ID: 54526	RunNo: 71246								
Prep Date: 8/18/2020	Analysis Date: 8/20/2020	SeqNo: 2485989	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.4	80	120			
Toluene	0.91	0.050	1.000	0	90.6	80	120			
Ethylbenzene	0.91	0.050	1.000	0	90.5	80	120			
Xylenes, Total	2.7	0.10	3.000	0	91.6	80	120			
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID: mb-54526	SampType: MBLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Batch ID: 54526	RunNo: 71246								
Prep Date: 8/18/2020	Analysis Date: 8/20/2020	SeqNo: 2485991	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Qualifiers:

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



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

Sample Log-In Check List

Client Name: **Safety & Environmental Solutions** Work Order Number: **2008907** RcptNo: **1**

Received By: **Juan Rojas** 8/18/2020 7:55:00 AM *Juan Rojas*

Completed By: **Juan Rojas** 8/18/2020 8:34:35 AM *Juan Rojas*

Reviewed By: **EM 8/18/20**

Chain of Custody

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

Log In

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

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

Adjusted? _____

Checked by: *EM 8/18/20*

Special Handling (if applicable)

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

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

17. Cooler Information

Cooler No.	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.8	Good				

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

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

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

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

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

CONDITIONS

Action 159564

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 159564
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	12/21/2022