Received by OCD: 12/5/2022 10:27:45 AM Form C-141 State of New Mexico

Oil Conservation Division

	Page 1 of 120
Incident ID	NAB1727131830
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 iten	ns 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 must be notified 2 days prior to liner inspection)	the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC I	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 and regulations all operators are required to report and/or file certain r may endanger public health or the environment. The acceptance of a should their operations have failed to adequately investigate and reme- human health or the environment. In addition, OCD acceptance of a C compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the cond accordance with 19.15.29.13 NMAC including notification to the OCI	C-141 report by the OCD does not relieve the operator of liability diate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially itions that existed prior to the release or their final land use in
	Title: Env. Professional
Signature: Dale Woodall	Date: <u>12</u> -5-2022
email: <u>dale.woodall@dvn.com</u> T	elephone: 575-748-1838
OCD Only Jocelyn Harimon Received by:	12/05/2022 Date:
	liability should their operations have failed to adequately investigate and ter, human health, or the environment nor does not relieve the responsible regulations.
Closure Approved by: Ashley Maxwell	Date: 2/07/2023
Printed Name: Ashley Maxwell	Title:Environmental Specialist

# Devon Energy Big Sinks Draw 25 Fed Com 1H Battery

# Closure Report UL L, Sec 25, T25S, R31E Eddy County, New Mexico 2RP-4194 2RP-4415 2RP-4602 2RP-4687 2RP-5710

January 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	575-748-0176	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 Big Sinks Draw 25 Fed Com 1H Battery concerning a 74 bbls produced water release inside containment. According to the C-141, a cracked weld on the drain line caused the release. All fluid was recovered. This site is situated in Eddy County, Section 25, Township 25S, and Range 31E.

SESI personnel performed an assessment of the site in February of 2020 based on generator knowledge of the leak location. During the discovery phase of the assessment, previous open RPs were also examined and a decision to map and delineate the following releases was agreed upon.

## Surface and Ground Water

Based on the NMOCD Oil and Gas map included in this report, surface water is not present within 3,000 feet of this release. The New Mexico Office of the State Engineer records indicates the average depth to groundwater for the area to be between 300' and 325' 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

On February 17, 2020, SESI personnel performed sampling to determine vertical extent of 2RP-4194, 2RP-4415, 2RP-4602, and 2RP-4687. SESI advanced a total of 10 auger holes within the leak areas. The samples were properly packaged and preserved and sent to Hall Environmental Laboratories for analysis. The results of the testing are captured in the summaries below:

## 2RP-4194 & 2RP-4415

While these releases were not congruent, they did occur in the same locations, just at different times. 2RP-4194 occurred on 4/15/17 when a sight glass on the 3-phase separator broke and released 20 bbls of fluid. 8 bbls were recovered. Prior to remediating this release, 2RP-4415 occurred on 9/16/17, where corrosion attributed to the release of 9 bbls of fluid, of which none was recovered. The initial samples to establish vertical extent are included below. SESI returned to the site in October of 2020 to determine the horizontal extent of the release and those results are included below as well.

Devon Energy Big Sinks Draw 25 Fed Com #1 Battery Soil Sample Results: Hall Environmental Labs, 2/17/20 – Vertical Extent 2RP-4194 & 2RP-4415											
Soil Sai	mple Results Chloride	: Hall Env	MRO	GRO	17/20 – Ver Benzene	tical Extent	2RP-4194 & 2RP- Ethyl benzene	4415 Total Xylenes			
-		-						ND			
AH1 @ Surface	<b>~</b>										
AH1@1' ND ND ND ND ND ND ND ND											
AH2 @ Surface ND ND ND ND ND ND ND ND											
AH2 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH3 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND			
AH3 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
	•										
AH4 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND			
AH4 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH5 @ Surface	ND	120	130	ND	ND	ND	ND	ND			
AH5 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
AH6 @ Surface	ND	150	170	ND	ND	ND	ND	ND			
AH6 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			
	Hall Enviro	nmental	Labs Horiz	zontal Exte	ent 10/6/20	or 2RP-419	4 & 2RP-4415				
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	<b>Total Xylenes</b>			
H-7 South	ND	10	75	ND	ND	ND	ND	ND			
H-8 Southeast	65	ND	ND	ND	ND	ND	ND	ND			
H-9 East	63	ND	ND	ND	ND	ND	ND	ND			
H-10 Northeast	ND	11	68	ND	ND	ND	ND	ND			
H-11 North	ND	57	ND	ND	ND	ND	ND	ND			
H-12 Northwest	ND	51	ND	ND	ND	ND	ND	ND			
H-13 West	65	ND	ND	ND	ND	ND	ND	ND			

## 2RP-4687

For this release, A Victaulic clamp on the produced water line failed causing the release. Approximately 55 bbls of produced water was released into the lined containment area. While 55 bbls of fluid was recovered, there was a slight overspray of water out of the containment equating to about 0.1 bbl. This is the area of concern and samples showing the Vertical and Horizontal extent are shown below.

Devon Energy Big Sinks Draw 25 Fed Com #1 Battery Soil Sample Results: Hall Environmental Labs, 2/17/20 – Vertical Extent 2RP-4687											
SAMPLE ID         Chloride         DRO         MRO         GRO         Benzene         Toluene         Ethyl benzene         Total Xylenes											
AH1 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND			
AH1 @ 1'	1' ND ND		ND ND		ND	ND	ND	ND			
AH2 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND			
AH2 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND			

AH3 @ Surface	ND							
AH3 @ 1'	ND							
AH4 @ Surface	ND	94	100	ND	ND	ND	ND	ND
AH4 @ 1'	ND							
	Hall	Environn	nental Lab	s Horizonta	al Extent 10/	/6/20 for 21	RP-4687	
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
	cilionae		iiiiio	••	Dellectie		Leffy: Belie	Total Aylenes
H-5 North	ND							
			-					
H-5 North	ND							
H-5 North H-6 West	ND ND							
H-5 North H-6 West H-7 East	ND ND ND							
H-5 North H-6 West H-7 East H-8 West	ND ND ND ND							

#### 2RP-4602 & 2RP-5710

For both RP#'s, the releases were fully contained in the SPCC, and were subsequently fully recovered via vacuum truck upon initial response. There are no impacted soils to remediate, and no samples sent to the lab for analysis. This report will serve as the closure of these two release notifications.

#### Remediation

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

Devon Energy Big Sinks Draw 25 Fed Com #1 Battery Confirmation Sample Results: Hall Environmental Laboratories 10/29/20											
SAMPLE ID         Chloride         DRO         MRO         GRO         Benzene         Toluene         Ethyl         Total Xy											
SP-11 1' Bottom	ND	ND	ND	ND	0.026	ND	ND	ND			
H-12 North Wall	ND	ND	ND	ND	ND	ND	ND	ND			
H-13 West Wall	ND	ND	ND	ND	ND	ND	ND	ND			
H-14 South Wall	ND	ND	ND	ND	ND	ND	ND	ND			
SP-13 1' Bottom	ND	ND	ND	ND	ND	ND	ND	ND			
H-14 North Wall	ND	ND	ND	ND	ND	ND	ND	ND			
SP-6 1' Bottom	ND	ND	ND	ND	ND	ND	ND	ND			
H-7 North Wall	ND	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 the following releases, 2RP-4194, 2RP-4415, 2RP-4602, 2RP-4687, AND 2RP-5710. Supplemental information has been included in this report to support our closure request.

#### **Supplemental Documentation for Closure**

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

# Devon, Big Sinks Draw 25 Fed Com 1H Battery DEV-20-010 2RP-4194, 2RP-4415, 2RP-4602, 2RP-4687, 2RP-5710 Horiz Horiz Horiz Leal

CH 19-N

H-12 NW

10 NE

-8 SE

H-7 8

(H-9 E)

A CON WALL

SP6 BTM

AH4

H-6 W

H-8 W

Google Eart

13 W WALL

AH2

SP11 BT

G14 S WA

H-10 S

- 1' Excavation
- Horizontal extent samples, 2RP-4194 & 2RP-4415

Page 7 of 120

- Horizontal extent samples, 2RP-4687
- Horizontal extent samples, NR leak
- HT unknown leak, NR
- 🍰 Leak area, 2RP-4194
- So Leak area, 2RP-4415
- 🚴 Leak area, 2RP-4602, lined
- Leak area, 2RP-4687
- 🚴 Leak area, 2RP-5710, lined
- Vertical extent samples, 2RP-4194 & 2RP-4415
- Vertical extent samples, 2RP-4687
- Confirmation samples

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**USGS** Water Resources

 Data Category:
 Geographic Area:

 Groundwater
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 New Mexico
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 GO

#### Click to hideNews Bulletins

• Introducing The Next Generation of USGS Water Data for the Nation

• Full News

Groundwater levels for New Mexico

Click to hide state-specific text

#### Search Results -- 1 sites found

Agency code = usgs site\_no list = • 320643103465002

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 320643103465002 25S.31E.21.413314A

Eddy County, New Mexico

Latitude 32°06'46.0", Longitude 103°46'56.3" NAD83 Land-surface elevation 3,374.00 feet above NGVD29 The depth of the well is 400 feet below land surface. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

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

Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source ( measur(
1959-02-17		D	318.02			2	P	U		
2013-01-17	12:40 MST	m					D	S	USGS	

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	m	Date is accurate to the Minute
Water-level accuracy		Not determined
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status	D	Site was dry (no water level was recorded).
Status	Р	Site was being pumped.
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey

Rettins University and a state of the second s

#### Respired by OCD: 12/5/2022 10:27:45 AM

USGS Groundwater for New Mexico: Water Levels -- 1 sites

Section	Code	Description			
Source of measurement R		Reported by person other than the owner, driller, or another government agency.			
Source of measurement	U	Source is unknown.			
Water-level approval status	А	Approved for publication Processing and review completed.			

Questions about sites/data? Feedback on this web site Automated retrievals <u>He</u>p Data Tips Explanation of terms Subscribe for system changes <u>News</u>

Accessibility

Policies and Notices

Plug-Ins

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

FOIA

Privacy

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2020-03-09 13:03:11 EDT 0.31 0.27 nadww02



Rettensienvis wategeneg.u297/20/201/00/is/gylevelog site\_no=320643103465002&agency\_cd=USGS&format=html

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Received by OCD: 12/5/2022 10:27:45 AM

# **Devon Energy**

Big Sinks Draw 25 Fed Com 1H Battery Karst Map - Low UL-E, Sec 25-T25S-R31E





232.102021, -103.739154



1000 ft

 $\mathbb{N}$ 

# **Devon Energy**

# **Big Sinks Draw 25 Fed Com 1H Excavation & Remediation**









**Released to Imaging: 2/7/2023 10:34:15 AM** 

























**Released to Imaging: 2/7/2023 10:34:15 AM** 









**Released to Imaging: 2/7/2023 10:34:15 AM** 



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

February 28, 2020

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

RE: Big Sink Draw 25 2 RP-4194 2RP-4415

OrderNo.: 2002910

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 12 sample(s) on 2/21/2020 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

Analytical Report Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsClient SampleProject: Big Sink Draw 25 2 RP-4194 2RP-4415Collection DLab ID: 2002910-001Matrix: SOILReceived D

Client Sample ID: AH-1 Surface Collection Date: 2/17/2020 12:15:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 8:11:05 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	2/24/2020 9:18:00 PM	50592
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	2/24/2020 9:18:00 PM	50592
Surr: DNOP	81.6	55.1-146	%Rec	1	2/24/2020 9:18:00 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	2/24/2020 3:44:16 PM	50586
Surr: BFB	83.7	66.6-105	%Rec	1	2/24/2020 3:44:16 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	2/24/2020 3:44:16 PM	50586
Toluene	ND	0.046	mg/Kg	1	2/24/2020 3:44:16 PM	50586
Ethylbenzene	ND	0.046	mg/Kg	1	2/24/2020 3:44:16 PM	50586
Xylenes, Total	ND	0.092	mg/Kg	1	2/24/2020 3:44:16 PM	50586
Surr: 4-Bromofluorobenzene	90.7	80-120	%Rec	1	2/24/2020 3:44:16 PM	50586

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 17

2002910-002

**Project:** 

Lab ID:

**Analytical Report** Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-1 1Ft Big Sink Draw 25 2 RP-4194 2RP-4415 Collection Date: 2/17/2020 12:25:00 PM Matrix: SOIL Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 8:23:27 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG/	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	2/24/2020 9:40:07 PM	50592
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	2/24/2020 9:40:07 PM	50592
Surr: DNOP	83.6	55.1-146	%Rec	1	2/24/2020 9:40:07 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Surr: BFB	81.5	66.6-105	%Rec	1	2/24/2020 4:54:46 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Toluene	ND	0.047	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Ethylbenzene	ND	0.047	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Xylenes, Total	ND	0.093	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Surr: 4-Bromofluorobenzene	88.8	80-120	%Rec	1	2/24/2020 4:54:46 PM	50586

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 17

**Analytical Report** Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-2 Surface Big Sink Draw 25 2 RP-4194 2RP-4415 **Project:** 2002910-003 Lab ID: Matrix: SOIL

Collection Date: 2/17/2020 12:35:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 8:35:48 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.8	mg/Kg	1	2/24/2020 10:01:55 PM	50592
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	2/24/2020 10:01:55 PM	50592
Surr: DNOP	87.8	55.1-146	%Rec	1	2/24/2020 10:01:55 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/24/2020 6:04:45 PM	50586
Surr: BFB	80.5	66.6-105	%Rec	1	2/24/2020 6:04:45 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 6:04:45 PM	50586
Toluene	ND	0.048	mg/Kg	1	2/24/2020 6:04:45 PM	50586
Ethylbenzene	ND	0.048	mg/Kg	1	2/24/2020 6:04:45 PM	50586
Xylenes, Total	ND	0.097	mg/Kg	1	2/24/2020 6:04:45 PM	50586
Surr: 4-Bromofluorobenzene	87.5	80-120	%Rec	1	2/24/2020 6:04:45 PM	50586

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 3 of 17

**Project:** 

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002910-004

Analytical Report Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

Big Sink Draw 25 2 RP-4194 2RP-4415

 Client Sample ID: AH-2 1Ft

 C-4415
 Collection Date: 2/17/2020 12:36:00 PM

 Matrix: SOIL
 Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 8:48:09 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.3	mg/Kg	1	2/24/2020 10:23:46 PM	50592
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	2/24/2020 10:23:46 PM	50592
Surr: DNOP	86.0	55.1-146	%Rec	1	2/24/2020 10:23:46 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/24/2020 6:28:16 PM	50586
Surr: BFB	82.1	66.6-105	%Rec	1	2/24/2020 6:28:16 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 6:28:16 PM	50586
Toluene	ND	0.047	mg/Kg	1	2/24/2020 6:28:16 PM	50586
Ethylbenzene	ND	0.047	mg/Kg	1	2/24/2020 6:28:16 PM	50586
Xylenes, Total	ND	0.095	mg/Kg	1	2/24/2020 6:28:16 PM	50586
Surr: 4-Bromofluorobenzene	89.9	80-120	%Rec	1	2/24/2020 6:28:16 PM	50586

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 4 of 17

2002910-005

**Project:** 

Lab ID:

**Analytical Report** Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-3 Surface Big Sink Draw 25 2 RP-4194 2RP-4415 Collection Date: 2/17/2020 12:45:00 PM Matrix: SOIL Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 9:25:11 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	2/24/2020 10:45:29 PM	50592
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	2/24/2020 10:45:29 PM	50592
Surr: DNOP	86.6	55.1-146	%Rec	1	2/24/2020 10:45:29 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/24/2020 8:48:41 PM	50586
Surr: BFB	83.9	66.6-105	%Rec	1	2/24/2020 8:48:41 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 8:48:41 PM	50586
Toluene	ND	0.048	mg/Kg	1	2/24/2020 8:48:41 PM	50586
Ethylbenzene	ND	0.048	mg/Kg	1	2/24/2020 8:48:41 PM	50586
Xylenes, Total	ND	0.097	mg/Kg	1	2/24/2020 8:48:41 PM	50586
Surr: 4-Bromofluorobenzene	91.3	80-120	%Rec	1	2/24/2020 8:48:41 PM	50586

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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**Project:** 

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002910-006

Analytical Report Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

Big Sink Draw 25 2 RP-4194 2RP-4415

 Client Sample ID: AH-3 1Ft

 C-4415
 Collection Date: 2/17/2020 12:47:00 PM

 Matrix: SOIL
 Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL (	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 9:37:32 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG/	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	2/24/2020 11:07:24 PM	50592
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	2/24/2020 11:07:24 PM	50592
Surr: DNOP	88.4	55.1-146	%Rec	1	2/24/2020 11:07:24 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/24/2020 9:12:05 PM	50586
Surr: BFB	85.1	66.6-105	%Rec	1	2/24/2020 9:12:05 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 9:12:05 PM	50586
Toluene	ND	0.048	mg/Kg	1	2/24/2020 9:12:05 PM	50586
Ethylbenzene	ND	0.048	mg/Kg	1	2/24/2020 9:12:05 PM	50586
Xylenes, Total	ND	0.096	mg/Kg	1	2/24/2020 9:12:05 PM	50586
Surr: 4-Bromofluorobenzene	91.7	80-120	%Rec	1	2/24/2020 9:12:05 PM	50586

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 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-4 Surface Big Sink Draw 25 2 RP-4194 2RP-4415 **Project:** 2002910-007 Lab ID: Matrix: SOIL

Collection Date: 2/17/2020 1:05:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 10:14:33 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	2/25/2020 12:56:41 AM	50593
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	2/25/2020 12:56:41 AM	50593
Surr: DNOP	82.9	55.1-146	%Rec	1	2/25/2020 12:56:41 AM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	2/24/2020 9:35:30 PM	50586
Surr: BFB	83.8	66.6-105	%Rec	1	2/24/2020 9:35:30 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	2/24/2020 9:35:30 PM	50586
Toluene	ND	0.050	mg/Kg	1	2/24/2020 9:35:30 PM	50586
Ethylbenzene	ND	0.050	mg/Kg	1	2/24/2020 9:35:30 PM	50586
Xylenes, Total	ND	0.099	mg/Kg	1	2/24/2020 9:35:30 PM	50586
Surr: 4-Bromofluorobenzene	91.1	80-120	%Rec	1	2/24/2020 9:35:30 PM	50586

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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**Project:** 

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002910-008

Analytical Report Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

Big Sink Draw 25 2 RP-4194 2RP-4415

Client Sample ID: AH-4 1Ft Collection Date: 2/17/2020 1:10:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS					Analyst	: CJS
Chloride	ND	60	mg/Kg	<b>j</b> 20	2/24/2020 10:26:54 PN	50639
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	y 1	2/25/2020 2:02:26 AM	50593
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	<b>,</b> 1	2/25/2020 2:02:26 AM	50593
Surr: DNOP	72.2	55.1-146	%Rec	1	2/25/2020 2:02:26 AM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	<b>j</b> 1	2/24/2020 9:58:49 PM	50586
Surr: BFB	82.5	66.6-105	%Rec	1	2/24/2020 9:58:49 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.025	mg/Kg	y 1	2/24/2020 9:58:49 PM	50586
Toluene	ND	0.049	mg/Kg	<b>,</b> 1	2/24/2020 9:58:49 PM	50586
Ethylbenzene	ND	0.049	mg/Kg	<b>j</b> 1	2/24/2020 9:58:49 PM	50586
Xylenes, Total	ND	0.098	mg/Kg	<b>j</b> 1	2/24/2020 9:58:49 PM	50586
Surr: 4-Bromofluorobenzene	89.5	80-120	%Rec	1	2/24/2020 9:58:49 PM	50586

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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**Project:** 

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002910-009

Analytical Report Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

Big Sink Draw 25 2 RP-4194 2RP-4415

Client Sample ID: AH-5 Surface Collection Date: 2/17/2020 1:15:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 10:39:16 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS					Analyst	BRM
Diesel Range Organics (DRO)	120	9.1	mg/Kg	1	2/25/2020 2:24:19 AM	50593
Motor Oil Range Organics (MRO)	130	45	mg/Kg	1	2/25/2020 2:24:19 AM	50593
Surr: DNOP	82.1	55.1-146	%Rec	1	2/25/2020 2:24:19 AM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/24/2020 10:22:10 PM	50586
Surr: BFB	83.5	66.6-105	%Rec	1	2/24/2020 10:22:10 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 10:22:10 PM	50586
Toluene	ND	0.048	mg/Kg	1	2/24/2020 10:22:10 PM	50586
Ethylbenzene	ND	0.048	mg/Kg	1	2/24/2020 10:22:10 PM	50586
Xylenes, Total	ND	0.096	mg/Kg	1	2/24/2020 10:22:10 PM	50586
Surr: 4-Bromofluorobenzene	91.2	80-120	%Rec	1	2/24/2020 10:22:10 PM	50586

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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Project: Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002910-010

Analytical Report Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

Big Sink Draw 25 2 RP-4194 2RP-4415

Client Sample ID: AH-5 1Ft Collection Date: 2/17/2020 1:25:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 10:51:35 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	2/25/2020 2:46:14 AM	50593
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	2/25/2020 2:46:14 AM	50593
Surr: DNOP	76.4	55.1-146	%Rec	1	2/25/2020 2:46:14 AM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/24/2020 10:45:29 PM	50586
Surr: BFB	79.6	66.6-105	%Rec	1	2/24/2020 10:45:29 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	2/24/2020 10:45:29 PM	50586
Toluene	ND	0.047	mg/Kg	1	2/24/2020 10:45:29 PM	50586
Ethylbenzene	ND	0.047	mg/Kg	1	2/24/2020 10:45:29 PM	50586
Xylenes, Total	ND	0.093	mg/Kg	1	2/24/2020 10:45:29 PM	50586
Surr: 4-Bromofluorobenzene	86.2	80-120	%Rec	1	2/24/2020 10:45:29 PM	50586

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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2002910-011

**Project:** 

Lab ID:

**Analytical Report** Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-6 Surface Big Sink Draw 25 2 RP-4194 2RP-4415 Collection Date: 2/17/2020 1:35:00 PM Matrix: SOIL Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 11:03:56 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	150	19	mg/Kg	2	2/26/2020 11:18:51 PM	50593
Motor Oil Range Organics (MRO)	170	96	mg/Kg	2	2/26/2020 11:18:51 PM	50593
Surr: DNOP	89.4	55.1-146	%Rec	2	2/26/2020 11:18:51 PM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/24/2020 11:08:47 PM	50586
Surr: BFB	79.4	66.6-105	%Rec	1	2/24/2020 11:08:47 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 11:08:47 PM	50586
Toluene	ND	0.048	mg/Kg	1	2/24/2020 11:08:47 PM	50586
Ethylbenzene	ND	0.048	mg/Kg	1	2/24/2020 11:08:47 PM	50586
Xylenes, Total	ND	0.097	mg/Kg	1	2/24/2020 11:08:47 PM	50586
Surr: 4-Bromofluorobenzene	85.7	80-120	%Rec	1	2/24/2020 11:08:47 PM	50586

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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**Analytical Report** Lab Order 2002910

Date Reported: 2/28/2020

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: AH-6 1Ft Big Sink Draw 25 2 RP-4194 2RP-4415 **Project:** 2002910-012 Lab ID: Matrix: SOIL

Collection Date: 2/17/2020 1:40:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CJS
Chloride	ND	60	mg/Kg	20	2/24/2020 11:16:16 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	2/25/2020 3:30:10 AM	50593
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	2/25/2020 3:30:10 AM	50593
Surr: DNOP	68.9	55.1-146	%Rec	1	2/25/2020 3:30:10 AM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/24/2020 11:32:06 PM	50586
Surr: BFB	80.2	66.6-105	%Rec	1	2/24/2020 11:32:06 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.024	mg/Kg	1	2/24/2020 11:32:06 PM	50586
Toluene	ND	0.048	mg/Kg	1	2/24/2020 11:32:06 PM	50586
Ethylbenzene	ND	0.048	mg/Kg	1	2/24/2020 11:32:06 PM	50586
Xylenes, Total	ND	0.097	mg/Kg	1	2/24/2020 11:32:06 PM	50586
Surr: 4-Bromofluorobenzene	87.8	80-120	%Rec	1	2/24/2020 11:32:06 PM	50586

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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-	y & Environmental So ink Draw 25 2 RP-41		15						
Sample ID: MB-50639	SampType: <b>m</b>	blk	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID: PBS	Batch ID: 50	639	RunNo: 66754						
Prep Date: 2/24/2020	Analysis Date: 2	/24/2020	S	SeqNo: 2	295479	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-50639	SampType: Ic	5	Tes	tCode: EF	PA Method	300.0: Anion	s		
Client ID: LCSS	Batch ID: 50	639	F	RunNo: 6	6754				
Prep Date: 2/24/2020	Analysis Date: 2	/24/2020	S	SeqNo: 2	295481	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	92.0	90	110			

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2002910

28-Feb-20

WO#:

#### **Released to Imaging: 2/7/2023 10:34:15 AM**

**Client:** 

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

Safety & Environmental Solutions

Project:	Big Sink	Draw 25 2	2 RP-41	94 2RP-44	15							
Sample ID:	2002910-007AMS	SampT	Гуре: М	3	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID:	AH-4 Surface	Batcl	h ID: 50	593	F	RunNo: <b>66740</b>						
Prep Date:	2/21/2020	Analysis D	Date: 2/	25/2020	S	SeqNo: 2	295372	Units: <b>mg/#</b>	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range C	Organics (DRO)	47	9.1	45.62	2.768	97.6	47.4	136				
Surr: DNOP		3.4		4.562		73.9	55.1	146				
Sample ID:	Sample ID: 2002910-007AMSD SampType: MSD						PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID:	AH-4 Surface	Surface Batch ID: 50593			F	RunNo: 6	6740					
Prep Date:	2/21/2020	Analysis D	Date: 2/	25/2020	S	SeqNo: 2	295374	Units: <b>mg/k</b>	٢g			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range C	Organics (DRO)	50	9.9	49.41	2.768	95.7	47.4	136	5.71	43.4		
Surr: DNOP		3.5		4.941		71.1	55.1	146	0	0		
Sample ID:	LCS-50592	SampT	Гуре: <b>LC</b>	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID:	LCSS	Batcl	h ID: 50	592	RunNo: 66740							
Prep Date:	2/21/2020	Analysis D	Date: 2/	24/2020	SeqNo: 2295413 Units: mg/Kg							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range C	Organics (DRO)	49	10	50.00	0	98.8	70	130				
Surr: DNOP		3.6		5.000		71.8	55.1	146				
Sample ID:	LCS-50593	SampT	Гуре: <b>LC</b>	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID:	LCSS	Batcl	h ID: 50	593	RunNo: <b>66740</b>							
Prep Date:	2/21/2020	Analysis D	Date: 2/	25/2020	S	SeqNo: 2	295415	Units: <b>mg/Kg</b>				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range C	Organics (DRO)	51	10	50.00	0	102	70	130				
Surr: DNOP		3.8		5.000		76.7	55.1	146				
Sample ID:	MB-50592	SampT	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics		
Client ID:	PBS	Batcl	h ID: 50	592	RunNo: <b>66740</b>							
	2/21/2020	Analysis D	Date: 2/	24/2020	S	295419	Units: <b>mg/k</b>	٤g				
Prep Date:							L	HighLimit	%RPD	RPDLimit	Qual	
•		Result	PQL	SPK value	SPK Ref Val	%REU	LOWLIMIT		/0RFD	KFULIIIII	Quai	
Prep Date: Analyte Diesel Range C	Organics (DRO)	Result ND	PQL 10	SPK value	SPK Ref Val	%REC	LOWLIMIT	TiigitEittiit	/0RF D	KFDLIIIII	Quai	
Analyte Diesel Range C	Organics (DRO) e Organics (MRO)			SPK value	SPK Ref Val	%REC	LOWLIMIT	rign	/0RF D	REDLIIIII	Quai	

#### 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

2002910

28-Feb-20

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

•	Environmental Solutions Draw 25 2 RP-4194 2RP-4415	5						
Sample ID: MB-50593	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 50593	RunNo: 66740						
Prep Date: 2/21/2020	Analysis Date: 2/25/2020	SeqNo: 2295421 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	8.4 10.00	84.3 55.1 146						
Sample ID: LCS-50681	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 50681	RunNo: 66803						
Prep Date: 2/26/2020	Analysis Date: 2/26/2020	SeqNo: 2297105 Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual						
Surr: DNOP	4.5 5.000	90.3 55.1 146						
Sample ID: MB-50681	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 50681	RunNo: 66803						
Prep Date: 2/26/2020	Analysis Date: 2/26/2020	SeqNo: 2297106 Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual						
Surr: DNOP	9.9 10.00	99.1 55.1 146						
Sample ID: LCS-50643	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch ID: 50643	RunNo: 66803						
Prep Date: 2/25/2020	Analysis Date: 2/26/2020	SeqNo: 2297433 Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual						
Surr: DNOP	5.3 5.000	106 55.1 146						
Sample ID: MB-50643	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: PBS	Batch ID: 50643	RunNo: 66803						
Prep Date: 2/25/2020	Analysis Date: 2/26/2020	SeqNo: 2297434 Units: %Rec						
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual						
Surr: DNOP	12 10.00	120 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

2002910

28-Feb-20

**Client:** 

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

Project: Big Sink	Draw 25 2 RI	P-4194 2RP-44	15									
Sample ID: mb-50586	SampType	e: MBLK	Tes	tCode: EP	A Method	8015D: Gasc	line Rang	e				
Client ID: PBS	Batch ID	50586	F	RunNo: <b>66</b>	747							
Prep Date: 2/21/2020	Analysis Date	2/24/2020	SeqNo: 2294758			Units: mg/k	٢g					
Analyte	Result F	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	ND	5.0										
Surr: BFB	800	1000		80.2	66.6	105						
Sample ID: Ics-50586	TestCode: EPA Method 8015D: Gasoline Range											
Client ID: LCSS	lient ID: LCSS Batch ID: 50586				RunNo: 66747							
Prep Date: 2/21/2020	Analysis Date	: <b>2/24/2020</b>	SeqNo: 2294759			Units: mg/Kg						
Analyte	Result F	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	23	5.0 25.00	0	93.7	80	120						
Surr: BFB	930	1000		93.0	66.6	105						
Sample ID: 2002910-002ams	SampType	e: MS	TestCode: EPA Method 8015D: Gasoline Range									
Client ID: AH-1 1Ft	Batch ID	50586	F	747								
Prep Date: 2/21/2020	Analysis Date	2/24/2020	SeqNo: 2294762			Units: <b>mg/Kg</b>						
Analyte	Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	21	5.0 24.93	0	84.8	69.1	142						
Surr: BFB	900	997.0		89.9	66.6	105						
Sample ID: 2002910-002amso	d SampType	: MSD	Tes	tCode: EP	A Method	8015D: Gasc	line Rang	e				
Client ID: AH-1 1Ft	Batch ID	50586	F	RunNo: 66747								
Prep Date: 2/21/2020	Analysis Date	2/24/2020	SeqNo: 2294763			Units: <b>mg/Kg</b>						
Analyte	Result P	QL SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual			
Gasoline Range Organics (GRO)	19	4.8 24.04	0	77.4	69.1	142	12.8	20				
Surr: BFB	870	961.5		90.8	66.6	105	0	0				

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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 16 of 17

2002910

28-Feb-20

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

•	Environm Draw 25 2		olutions 94 2RP-44	15								
Sample ID: mb-50586	mb-50586 SampType: MBLK					TestCode: EPA Method 8021B: Volatiles						
Client ID: PBS	Batch ID: 50586			F	RunNo: 6							
Prep Date: 2/21/2020	Analysis [	Analysis Date: 2/24/2020		SeqNo: 2294795			Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	ND	0.025										
Toluene	ND	0.050										
Ethylbenzene	ND	0.050										
Xylenes, Total	ND	0.10										
Surr: 4-Bromofluorobenzene	0.87		1.000		87.3	80	120					
Sample ID: LCS-50586	Samp	Гуре: <b>LC</b>	S	Tes	tCode: El	PA Method	8021B: Vola	iles				
Client ID: LCSS	Batc	h ID: <b>50</b>	586	F	RunNo: 6	6747						
Prep Date: 2/21/2020	Analysis [	Date: 2/	24/2020	S	SeqNo: 2	294796	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.91	0.025	1.000	0	91.3	80	120					
Toluene	0.95	0.050	1.000	0	95.0	80	120					
Ethylbenzene	0.97	0.050	1.000	0	97.0	80	120					
Xylenes, Total	3.0	0.10	3.000	0	98.8	80	120					
Surr: 4-Bromofluorobenzene	0.90		1.000		90.3	80	120					
Sample ID: 2002910-001ams	Samp	Гуре: <b>МS</b>	6	Tes	tCode: El	PA Method	8021B: Volat	iles				
Client ID: AH-1 Surface	Batc	h ID: <b>50</b>	586	F	RunNo: 6							
Prep Date: 2/21/2020	Analysis [	Date: 2/	24/2020	S	SeqNo: 2	294798	Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.80	0.023	0.9381	0	85.1	78.5	119					
Toluene	0.84	0.047	0.9381	0.01259	88.1	75.7	123					
Ethylbenzene	0.87	0.047	0.9381	0.01369	91.8	74.3	126					
Xylenes, Total	2.6	0.094	2.814	0.01893	92.6	72.9	130					
Surr: 4-Bromofluorobenzene	0.88		0.9381		93.4	80	120					
Sample ID: 2002910-001ams	d Samp	Гуре: <b>МS</b>	SD	TestCode: EPA Method 8021B: Volatiles								
Client ID: AH-1 Surface	Batc	h ID: <b>50</b>	586	F	RunNo: 6							
Prep Date: 2/21/2020	Analysis [	Date: 2/	24/2020	Ś	SeqNo: 2	(g						
Analyte	Result	PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.83	0.024	0.9569	0	86.2	78.5	119	3.30	20			
Toluene	0.87	0.048	0.9569	0.01259	89.8	75.7	123	3.83	20			
Ethylbenzene	0.90	0.048	0.9569	0.01369	92.2	74.3	126	2.39	20			
Xylenes, Total	2.7	0.096	2.871	0.01893	93.6	72.9	130	3.10	20			
Surr: 4-Bromofluorobenzene	0.92		0.9569		95.7	80	120	0	0			

#### Qualifiers:

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

2002910

28-Feb-20

HALL ENVIRONMENTAL ANALYSIS LABORATORY			TE	ll Environme. L: 505-345-3 Website: www	4901 Albuquerqui 975 FAX: 5	Hawkins NE e, NM 87109 05-345-4107	Sample Log-In Check List				
Client Name:	Safety Env	Solutions	Work	Order Num	ber: 20029	10		RcptNo: 1			
	Juan		2/21/20	020 8:00:00	AM						
Completed By:	Erin Mele		2/21/20	20 8:36:10	AM	U	LUA	5			
Reviewed By:	46 21	21/20									
Chain of Cust	ody										
1. Is Chain of Cu	stody suffici	iently complete	e?		Yes	-	No 🗌	Not Present			
2. How was the s	ample deliv	ered?			Courie	Ľ					
Log In 3. Was an attem	ot made to c	cool the sampl	es?		Yes		No 🗌				
					100 1						
4. Were all samp	es received	at a temperat	ure of >0° C	to 6.0°C	Yes		No 🗌				
5. Sample(s) in p	roper contai	iner(s)?			Yes		No 🗌				
6. Sufficient same	ole volume fo	or indicated te	st(s)?		Yes		No 🗌				
7. Are samples (e	xcept VOA	and ONG) pro	perly preserv	ed?	Yes		No 🗌				
8. Was preservat	ve added to	bottles?			Yes		No 🔽	NA 🗌			
9. Received at lea	ast 1 vial with	h headspace <	<1/4" for AQ \	/OA?	Yes [	]	No 🗌	NA 🔽			
10. Were any sam	ple containe	ers received br	oken?		Yes [		No 🗹	# of preserved			
11. Does paperwoi					Yes		No 🗌	bottles checked for pH:			
(Note discrepa 12. Are matrices co					Yes	7	No 🗌	Adjusted?	unless noted)		
13. Is it clear what					Yes			./			
14. Were all holdin	g times able	to be met?			Yes		No 🗌	Checked by: JP	-2/21/20		
(If no, notify cu	stomer for a	uthorization.)					~	/			
Special Handli	ng (if app	olicable)									
15. Was client not	ified of all di	screpancies w	vith this order	?	Yes		No 🗌	NA 🗹			
Person I	Notified:	[	a second de la second	Date	<b></b>						
By Who	C. 1			Via:	🗌 eMai	Phon	e 🗌 Fax	In Person			
Regardir Client In	ng: structions:										
16. Additional ren	narks:										
17. Cooler Inform											
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Dat	e Sig	ned By				
1	2.6	Good									

Page 1 of 1

Received by OCD: 12/5/2022 10:27:45 AM (Ν ο λ) səlqqng Ji		Page 35 of 1
ÊÇ		-
HAL       EDB (Method 504.1)         Kins NE       Abuluerdue, NM         ANALSS Regues       Soft Pesticides / 8082 PCB's         Analysis Reques       Analysis Request         Analysis Request       Soft Pesticides / 8082 PCB's         Analysis Request       Analysis Request         Analysis Request       Analysis         Analysis Request <td></td> <td>Time:     Relinquished by:       730     2       730     2       731     2       732     2       733     2       734     2       735     2       736     2       737     2       738     2       74     1       74     1       74     2</td>		Time:     Relinquished by:       730     2       730     2       731     2       732     2       733     2       734     2       735     2       736     2       737     2       738     2       74     1       74     1       74     2
ENVIRONME         ENVIRONME         ENVIRONME         Albuquerque, NM         Bobs         Bobs       Bobs         Bobs       Bobs         Bobs       Bobs         Bobs       Bobs         Bobs       Bobs         Bobs       Bobs       Bobs         Bobs       Bobs       Bobs       Bobs         Bobs       Bobs       Bobs       Bobs       Bobs         Bobs       Bobs       Bobs       Bobs       Bobs       Bobs         Bobs       Bob	- VX	
Algorithm         S081 Pesticides / 8082 PCB's         Request         Algorithm           8081 Pesticides / 8082 PCB's         69,00,000         80,000         80,000         80,000           8081 Pesticides / 8082 PCB's         80,000         80,000         80,000         80,000         80,000		-
S081 Pesticides / 8082 PCB's         Red est ticides / 8082 PCB's         Red est ticides / 8082 PCB's		-
All L       EDB (Method 504.1)         All L       Albuquerque, NM         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         N R       N R         R R       R R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R         N R       R R       R R         N R       R R       R R         N R       R R       R R       R R         N R       R R       R R       R R         N R       R R       R R <td></td> <td>-</td>		-
RCRA 8 Metals     Analysis       Abuquation     Abuquation       Abuquation     Abuquation		
CSMIS 0728 to 0158) a'HA9		
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TPH (Method 418.1)		
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BIEX + MIBE + IMB/C (8031)		
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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

February 27, 2020

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

RE: Big Sinks Draw 25 2RP 4602 and 2RP 4687

OrderNo.: 2002912

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 8 sample(s) on 2/21/2020 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

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002912-001

Analytical Report Lab Order 2002912

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Date Reported: 2/27/2020 Client Sample ID: AH-1 Surface Collection Date: 2/17/2020 11:20:00 AM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst	JMT
Chloride	ND	60		mg/Kg	20	2/25/2020 4:07:59 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS					Analyst	BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	2/25/2020 6:10:24 PM	50593
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	2/25/2020 6:10:24 PM	50593
Surr: DNOP	107	55.1-146		%Rec	1	2/25/2020 6:10:24 PM	50593
EPA METHOD 8015D: GASOLINE RANGE						Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/25/2020 12:54:35 PM	50588
Surr: BFB	83.8	66.6-105		%Rec	1	2/25/2020 12:54:35 PM	50588
EPA METHOD 8021B: VOLATILES						Analyst	NSB
Benzene	ND	0.023		mg/Kg	1	2/25/2020 12:54:35 PM	50588
Toluene	ND	0.046		mg/Kg	1	2/25/2020 12:54:35 PM	50588
Ethylbenzene	ND	0.046		mg/Kg	1	2/25/2020 12:54:35 PM	50588
Xylenes, Total	ND	0.092		mg/Kg	1	2/25/2020 12:54:35 PM	50588
Surr: 4-Bromofluorobenzene	90.1	80-120		%Rec	1	2/25/2020 12:54:35 PM	50588

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 13

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002912-002

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-1 1ft Collection Date: 2/17/2020 11:25:00 AM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:20:21 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	2/25/2020 6:32:18 PM	50593
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	2/25/2020 6:32:18 PM	50593
Surr: DNOP	111	55.1-146	%Rec	1	2/25/2020 6:32:18 PM	50593
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/25/2020 1:17:59 PM	50588
Surr: BFB	85.4	66.6-105	%Rec	1	2/25/2020 1:17:59 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	2/25/2020 1:17:59 PM	50588
Toluene	ND	0.047	mg/Kg	1	2/25/2020 1:17:59 PM	50588
Ethylbenzene	ND	0.047	mg/Kg	1	2/25/2020 1:17:59 PM	50588
Xylenes, Total	ND	0.093	mg/Kg	1	2/25/2020 1:17:59 PM	50588
Surr: 4-Bromofluorobenzene	93.5	80-120	%Rec	1	2/25/2020 1:17:59 PM	50588

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 2 of 13

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002912-003

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-2 Surface Collection Date: 2/17/2020 11:35:00 AM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:32:43 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	2/25/2020 6:54:28 PM	50613
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	2/25/2020 6:54:28 PM	50613
Surr: DNOP	104	55.1-146	%Rec	1	2/25/2020 6:54:28 PM	50613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.6	mg/Kg	1	2/25/2020 1:41:23 PM	50588
Surr: BFB	82.3	66.6-105	%Rec	1	2/25/2020 1:41:23 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	2/25/2020 1:41:23 PM	50588
Toluene	ND	0.046	mg/Kg	1	2/25/2020 1:41:23 PM	50588
Ethylbenzene	ND	0.046	mg/Kg	1	2/25/2020 1:41:23 PM	50588
Xylenes, Total	ND	0.092	mg/Kg	1	2/25/2020 1:41:23 PM	50588
Surr: 4-Bromofluorobenzene	90.4	80-120	%Rec	1	2/25/2020 1:41:23 PM	50588

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 3 of 13

Lab ID:

**CLIENT:** Safety & Environmental Solutions

2002912-004

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-2 1ft Collection Date: 2/17/2020 11:40:00 AM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:45:05 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	2/25/2020 8:43:21 PM	50613
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	2/25/2020 8:43:21 PM	50613
Surr: DNOP	109	55.1-146	%Rec	1	2/25/2020 8:43:21 PM	50613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/25/2020 2:04:50 PM	50588
Surr: BFB	82.3	66.6-105	%Rec	1	2/25/2020 2:04:50 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/25/2020 2:04:50 PM	50588
Toluene	ND	0.048	mg/Kg	1	2/25/2020 2:04:50 PM	50588
Ethylbenzene	ND	0.048	mg/Kg	1	2/25/2020 2:04:50 PM	50588
Xylenes, Total	ND	0.096	mg/Kg	1	2/25/2020 2:04:50 PM	50588
Surr: 4-Bromofluorobenzene	89.9	80-120	%Rec	1	2/25/2020 2:04:50 PM	50588

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:

**CLIENT:** Safety & Environmental Solutions

2002912-005

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-3 Surface Collection Date: 2/17/2020 11:50:00 AM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:57:27 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	2/25/2020 9:05:13 PM	50613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	2/25/2020 9:05:13 PM	50613
Surr: DNOP	113	55.1-146	%Rec	1	2/25/2020 9:05:13 PM	50613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/25/2020 2:28:19 PM	50588
Surr: BFB	83.5	66.6-105	%Rec	1	2/25/2020 2:28:19 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/25/2020 2:28:19 PM	50588
Toluene	ND	0.048	mg/Kg	1	2/25/2020 2:28:19 PM	50588
Ethylbenzene	ND	0.048	mg/Kg	1	2/25/2020 2:28:19 PM	50588
Xylenes, Total	ND	0.095	mg/Kg	1	2/25/2020 2:28:19 PM	50588
Surr: 4-Bromofluorobenzene	90.6	80-120	%Rec	1	2/25/2020 2:28:19 PM	50588

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:

**CLIENT:** Safety & Environmental Solutions

2002912-006

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-3 1ft Collection Date: 2/17/2020 11:55:00 AM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	<b>Date Analyzed</b>	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	g 20	2/25/2020 5:09:48 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	g 1	2/25/2020 9:27:09 PM	50613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	g 1	2/25/2020 9:27:09 PM	50613
Surr: DNOP	104	55.1-146	%Rec	: 1	2/25/2020 9:27:09 PM	50613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	g 1	2/25/2020 3:38:48 PM	50588
Surr: BFB	86.1	66.6-105	%Rec	: 1	2/25/2020 3:38:48 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	g 1	2/25/2020 3:38:48 PM	50588
Toluene	ND	0.049	mg/Kg	g 1	2/25/2020 3:38:48 PM	50588
Ethylbenzene	ND	0.049	mg/Kg	g 1	2/25/2020 3:38:48 PM	50588
Xylenes, Total	ND	0.098	mg/Kg	g 1	2/25/2020 3:38:48 PM	50588
Surr: 4-Bromofluorobenzene	93.6	80-120	%Rec	: 1	2/25/2020 3:38:48 PM	50588

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:

**CLIENT:** Safety & Environmental Solutions

2002912-007

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-4 Surface Collection Date: 2/17/2020 1:55:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 5:22:08 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	94	9.7	mg/Kg	1	2/25/2020 9:49:06 PM	50613
Motor Oil Range Organics (MRO)	100	49	mg/Kg	1	2/25/2020 9:49:06 PM	50613
Surr: DNOP	101	55.1-146	%Rec	1	2/25/2020 9:49:06 PM	50613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/25/2020 4:02:10 PM	50588
Surr: BFB	82.7	66.6-105	%Rec	1	2/25/2020 4:02:10 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/25/2020 4:02:10 PM	50588
Toluene	ND	0.048	mg/Kg	1	2/25/2020 4:02:10 PM	50588
Ethylbenzene	ND	0.048	mg/Kg	1	2/25/2020 4:02:10 PM	50588
Xylenes, Total	ND	0.097	mg/Kg	1	2/25/2020 4:02:10 PM	50588
Surr: 4-Bromofluorobenzene	91.5	80-120	%Rec	1	2/25/2020 4:02:10 PM	50588

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:

**CLIENT:** Safety & Environmental Solutions

2002912-008

Analytical Report Lab Order 2002912

Date Reported: 2/27/2020

# Hall Environmental Analysis Laboratory, Inc.

Big Sinks Draw 25 2RP 4602 and 2RP 46

Client Sample ID: AH-4 1ft Collection Date: 2/17/2020 2:00:00 PM Received Date: 2/21/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 5:34:31 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	2/25/2020 10:10:55 PM	50613
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	2/25/2020 10:10:55 PM	50613
Surr: DNOP	97.4	55.1-146	%Rec	1	2/25/2020 10:10:55 PM	50613
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	2/25/2020 4:25:40 PM	50588
Surr: BFB	85.3	66.6-105	%Rec	1	2/25/2020 4:25:40 PM	50588
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	2/25/2020 4:25:40 PM	50588
Toluene	ND	0.048	mg/Kg	1	2/25/2020 4:25:40 PM	50588
Ethylbenzene	ND	0.048	mg/Kg	1	2/25/2020 4:25:40 PM	50588
Xylenes, Total	ND	0.097	mg/Kg	1	2/25/2020 4:25:40 PM	50588
Surr: 4-Bromofluorobenzene	94.7	80-120	%Rec	1	2/25/2020 4:25:40 PM	50588

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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L.	ronmental Analysis Laboratory, Inc.	WO#:	2002912 27-Feb-20
Client: Project:	Safety & Environmental Solutions Big Sinks Draw 25 2RP 4602 and 2RP 4687		

Sample ID: MB-50651	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 50651	RunNo: 66788		
Prep Date: 2/25/2020	Analysis Date: 2/25/2020	SeqNo: 2297114	Units: mg/Kg	
Analyte	Result PQL SPK valu	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID: LCS-50651	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Sample ID: LCS-50651 Client ID: LCSS	SampType: <b>Ics</b> Batch ID: <b>50651</b>	TestCode: EPA Method RunNo: 66788	300.0: Anions	
·			300.0: Anions Units: mg/Kg	
Client ID: LCSS	Batch ID: <b>50651</b> Analysis Date: <b>2/25/2020</b>	RunNo: 66788	Units: mg/Kg	RPDLimit Qual

**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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•	Environmental Draw 25 2RP		P 4687						
Sample ID: LCS-50593	SampType:	LCS	Tes	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID:	50593	R	unNo: 667	40				
Prep Date: 2/21/2020	Analysis Date:	2/25/2020	S	eqNo: 229	5415	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC L	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)		10 50.00	0	102	70	130			
Surr: DNOP	3.8	5.000		76.7	55.1	146			
Sample ID: MB-50593	SampType:	MBLK	Tes	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID:	50593	R	unNo: 667	40				
Prep Date: 2/21/2020	Analysis Date:	2/25/2020	S	eqNo: 229	5421	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC L	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)		10							
Motor Oil Range Organics (MRO)		50		04.0		4.40			
Surr: DNOP	8.4	10.00		84.3	55.1	146			
Sample ID: LCS-50613	SampType:	LCS	Tes	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch ID:	50613	R	unNo: 667	76				
Prep Date: 2/24/2020	Analysis Date:	2/25/2020	S	eqNo: 229	5573	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC L	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	-	10 50.00	0	97.4	70	130			
Surr: DNOP	4.3	5.000		85.3	55.1	146			
Sample ID: MB-50613	SampType:	MBLK	Tes	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch ID:	50613	R	unNo: 667	76				
Prep Date: 2/24/2020	Analysis Date:	2/25/2020	S	eqNo: 229	5575	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC L	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND ´	10							
Motor Oil Range Organics (MRO)		50							
Surr: DNOP	10	10.00		102	55.1	146			
Sample ID: 2002912-003AMS	SampType:	MS	Tes	Code: EPA	Method	8015M/D: Die	sel Range	e Organics	
Client ID: AH-2 Surface	Batch ID:	50613	R	unNo: 667	40				
Prep Date: 2/24/2020	Analysis Date:	2/25/2020	S	eqNo: 229	6994	Units: mg/K	g		
Analyte	Result PQ	L SPK value	SPK Ref Val	%REC L	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47 9	.5 47.53	3.642	91.9	47.4	136			
Surr: DNOP	4.8	4.753		101	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

2002912

27-Feb-20

Hall Environmental Analysis Laboratory, Inc.		27-Feb-20
	WO#:	2002912

•	& Environm ks Draw 25			<b>9</b> 4687						
Sample ID: 2002912-003AM	SD Samp	Гуре: М	SD.	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID:         AH-2 Surface         Batch ID:         50613         RunNo:         66740										
Prep Date: 2/24/2020	Analysis I	Date: 2/	25/2020	S	eqNo: 22	296995	Units: mg/k	٢g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	9.6	47.80	3.642	112	47.4	136	18.9	43.4	
Surr: DNOP	5.8		4.780		121	55.1	146	0	0	

#### **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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•	& Environmental Solutions ks Draw 25 2RP 4602 and 2RF	P 4687
Sample ID: mb-50588	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 50588	RunNo: 66771
Prep Date: 2/21/2020	Analysis Date: 2/25/2020	SeqNo: 2296837 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 830 1000	83.5 66.6 105
Sample ID: Ics-50588	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 50588	RunNo: 66771
Prep Date: 2/21/2020	Analysis Date: 2/25/2020	SeqNo: 2296838 Units: mg/Kg
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Gasoline Range Organics (GRO)	24 5.0 25.00	
Surr: BFB	950 1000	94.7 66.6 105
Sample ID: mb-50628	SampType: MBLK	TestCode: EPA Method 8015D: Gasoline Range
Client ID: PBS	Batch ID: 50628	RunNo: 66771
Prep Date: 2/24/2020	Analysis Date: 2/25/2020	SeqNo: 2296862 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	850 1000	85.0 66.6 105
Sample ID: Ics-50628	SampType: LCS	TestCode: EPA Method 8015D: Gasoline Range
Client ID: LCSS	Batch ID: 50628	RunNo: 66771
Prep Date: 2/24/2020	Analysis Date: 2/25/2020	SeqNo: 2296863 Units: %Rec
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Surr: BFB	960 1000	96.2 66.6 105

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2002912

27-Feb-20

•	Environm s Draw 25		olutions 02 and 2RF	9 4687						
Sample ID: mb-50588	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: <b>50</b>	588	F	RunNo: 66	6771				
Prep Date: 2/21/2020	Analysis [	Date: 2/	25/2020	S	SeqNo: 22	296886	Units: mg/Kg	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	~ %RPD	RPDLimit	Qual
Benzene	ND	0.025			/iiiieo	LOWLINI	riigiiLiinit	70111 D		Quai
Toluene	ND	0.020								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.000								
Surr: 4-Bromofluorobenzene	0.92	0.10	1.000		92.3	80	120			
								_		
Sample ID: LCS-50588										
lient ID: LCSS Batch ID: 50588 RunNo: 66771										
Prep Date: 2/21/2020	Analysis [	Date: 2/	25/2020	S	SeqNo: 22	296887	Units: mg/Kg	9		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.92	0.025	1.000	0	92.1	80	120			
Toluene	0.96	0.050	1.000	0	95.7	80	120			
Ethylbenzene	0.97	0.050	1.000	0	96.6	80	120			
Xylenes, Total	3.0	0.10	3.000	0	99.0	80	120			
Surr: 4-Bromofluorobenzene	0.93		1.000		93.1	80	120			
Sample ID: mb-50628	Samp	Туре: <b>МЕ</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batc	h ID: 50	628	F	RunNo: 66	6771				
Prep Date: 2/24/2020	Analysis [	Date: 2/	25/2020	5	SeqNo: 22	296910	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.94		1.000		93.7	80	120			
Sample ID: LCS-50628	Samp	Гуре: <b>LC</b>	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batc	h ID: 50	628	RunNo: <b>66771</b>						
Prep Date: 2/24/2020	Analysis [	Date: 2/	25/2020	S	SeqNo: 22	296911	Units: %Rec			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.95		1.000		95.1	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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2002912

27-Feb-20

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ted By: ed By: o <u>f Custc</u> aain of Cus was the sa <u>2</u> an attempt	Isaiah Ort くらこ/ <u>ody</u> tody suffici ample deliv	iz ULD iently complet	2/21/20				~			
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all sample	t made to c	ool the samp	les?		Yes		No			
	es received	at a tempera	ture of >0° C	to 6.0°C	Yes		No			
ole(s) in pr	oper contai	iner(s)?			Yes		No			
ient sampl	e volume f	or indicated te	est(s)?		Yes	~	No			
amples (ex	cept VOA	and ONG) pro	operly preserve	ed?	Yes	$\checkmark$	No			
oreservativ	e added to	bottles?			Yes		No			
ved at leas	st 1 vial wit	h headspace	<1/4" for AQ \	VOA?	Yes		No		NA 🗹	
any samp	e containe	ers received b	roken?		Yes		No		# of preserved	/
			)		Yes		No		for pH: (<2 or >12 ur	less noted)
atrices con	rrectly iden	tified on Chai	n of Custody?		Yes	~	No		Adjusted?	
ear what a	inalyses we	ere requested	?		Yes	$\checkmark$	No			1.1
					Yes		No		Checked by: JP	2/21/20
								1		
			with this order	?	Yes		No			
Person N	otified:			Date	e: [			abersamer		
By Whom	1:	-		-	· · · · · · · · · · · · · · · · · · ·	ail 🗌	] Phone	] Fax	In Person	
Regarding	g:			and a state of the second second			and share the second			
Client Ins	tructions:	[							a constant a second a	
tional rema	arks:									
ler Inform	ation									
ooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву		
	2.6	Good	Not Present							
	ent sampl imples (ex preservativ ved at leas any samp paperwork discrepan atrices col ear what a all holding notify cus <i>Handlin</i> Client notif Person N By Whom Regarding Client Ins ional rema poler No	ent sample volume from ples (except VOA preservative added to ved at least 1 vial with any sample contained paperwork match bold discrepancies on characterizes correctly iden ear what analyses we all holding times able notify customer for a <b>Handling (if app</b> erterior) and the second of all discrepancies of a strice second of all discrepancies of a strice second of all discrepancies of a strice second of a str	Imples (except VOA and ONG) provide the servative added to bottles?         ved at least 1 vial with headspace any sample containers received by paperwork match bottle labels?         discrepancies on chain of custody atrices correctly identified on Chaiter what analyses were requested all holding times able to be met?         notify customer for authorization.)         Handling (if applicable)         Client notified of all discrepancies on Person Notified:         By Whom:         Regarding:         Client Instructions:         cional remarks:         er Information         poler No	ent sample volume for indicated test(s)? imples (except VOA and ONG) properly preserve preservative added to bottles? ved at least 1 vial with headspace <1/4" for AQ V any sample containers received broken? paperwork match bottle labels? discrepancies on chain of custody) atrices correctly identified on Chain of Custody? ear what analyses were requested? all holding times able to be met? notify customer for authorization.) Handling (if applicable) client notified of all discrepancies with this order Person Notified: By Whom: Regarding: Client Instructions: ional remarks: er Information poler No Temp °C Condition Seal Intact	ent sample volume for indicated test(s)? imples (except VOA and ONG) properly preserved? inveservative added to bottles? ved at least 1 vial with headspace <1/4" for AQ VOA? any sample containers received broken? paperwork match bottle labels? discrepancies on chain of custody) atrices correctly identified on Chain of Custody? ear what analyses were requested? all holding times able to be met? notify customer for authorization.) Handling (if applicable) client notified of all discrepancies with this order? Person Notified: Date By Whom: Via: Regarding: Client Instructions: ional remarks: er Information poler No Temp °C Condition Seal Intact Seal No	ent sample volume for indicated test(s)?       Yes         imples (except VOA and ONG) properly preserved?       Yes         preservative added to bottles?       Yes         ved at least 1 vial with headspace <1/4" for AQ VOA?	ent sample volume for indicated test(s)?       Yes       ✓         imples (except VOA and ONG) properly preserved?       Yes       ✓         preservative added to bottles?       Yes       ✓         ved at least 1 vial with headspace <1/4" for AQ VOA?	ent sample volume for indicated test(s)?       Yes       ✓       No         imples (except VOA and ONG) properly preserved?       Yes       ✓       No         oreservative added to bottles?       Yes       ✓       No         ved at least 1 vial with headspace <1/4" for AQ VOA?	ent sample volume for indicated test(s)? Yes No   imples (except VOA and ONG) properly preserved? Yes No   inreservative added to bottles? Yes No   ved at least 1 vial with headspace <1/4" for AQ VOA?	ent sample volume for indicated test(s)? Yes No   mples (except VOA and ONG) properly preserved? Yes No   preservative added to bottles? Yes No   ved at least 1 vial with headspace <1/4" for AQ VOA?

Page 1 of 1

Received	by OC	<b>D: 1</b>	2/5/2	2022	10:	:27:45 A	M(N)	οY	) səlddu	Air F											Pa	ge 51	of 1.
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HALL EN	ANALYSIS LABC	4901 Hawkins NE - Albug	10	Anal	(0)	RM / OS	0 / DF 8.1) 8.70 S 8.70 S	912 91 20 91 20 91 20 91 41 91 41 91 41 91 20 91 20 91 91 20 91 91 91 20 91 91 91 91 91 91 91 91 91 91 91 91 91	HTTE + X= 4 8015B ( 4 (Method 7 (8310 1's (8310 1's (8310 1's (8310 1's (8310 1's (8310 1's (8310 1's (8310 1's (1's (1's (1's (1's (1's (1's (1's (	BAH EDF EDF TPH	X							X		arks:			This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report
e: 5 dary	BIGSINICS DRAW ZS	+2RP.4687		-20-010				+ 1.0.0.1 +	ative C. I-O = C. I HEAL No.	2007912 E	X 100- ma	LU -002 1	- 003	-004	-065 /	-006	100-	X 900-		Date Time Remarks:	2/20/10 0720		N.
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Chain-of-Custody Record		Mailing Address: 703 E. Chintur	140 MDR N. W 88240	Phone #: 575-397-0510	email or Fax#:	QA/QC Package:	Accreditation	EDD (Tvpe)			02/17/120 5 12H-1 Supe	1 1125 5. AHT-1 12	1135 & AH-2 Sayer	11140 5 AH-2 145	1150 5 Ald-3 Empre	1155 5 141-3 153	1, 1355 S WH et auper	02/17/1400 5 QH4 147		Date: Time: Relinquished by:	20	Date: Time: Relinquished by	



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

October 19, 2020

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

RE: Devon Big Sinks Draw 25 Fed Com 1 H Battery 2RP 4194

OrderNo.: 2010510

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 7 sample(s) on 10/9/2020 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

Batch

Analytical Report Lab Order 2010510

Date Reported: 10/19/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:Safety & Environmental SolutionsClient Sample ID: H-7 SouthProject:Devon Big Sinks Draw 25 Fed Com 1 HCollection Date: 10/6/2020 11:00:00 AMLab ID:2010510-001Matrix: SOILReceived Date: 10/9/2020 8:00:00 AMAnalysesResultRL Qual UnitsDF Date AnalyzedEPA METHOD 300.0: ANIONSAnalyses

EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	ND	61	mg/Kg	20	10/15/2020 11:03:39 AM 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	10	9.8	mg/Kg	1	10/13/2020 1:48:44 PM 55771
Motor Oil Range Organics (MRO)	75	49	mg/Kg	1	10/13/2020 1:48:44 PM 55771
Surr: DNOP	107	30.4-154	%Rec	1	10/13/2020 1:48:44 PM 55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 2:00:23 PM 55766
Surr: BFB	97.2	75.3-105	%Rec	1	10/12/2020 2:00:23 PM 55766
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2020 2:00:23 PM 55766
Toluene	ND	0.049	mg/Kg	1	10/12/2020 2:00:23 PM 55766
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 2:00:23 PM 55766
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 2:00:23 PM 55766
Surr: 4-Bromofluorobenzene	99.6	80-120	%Rec	1	10/12/2020 2:00:23 PM 55766

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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Date Reported: 10/19/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsCliProject: Devon Big Sinks Draw 25 Fed Com 1 HCLab ID: 2010510-002Matrix: SOIL

Client Sample ID: H-8 South East Collection Date: 10/6/2020 11:35:00 AM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	65	60	mg/Kg	20	10/15/2020 11:40:52 AN	1 55848
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	10/14/2020 1:37:05 PM	55771
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	10/14/2020 1:37:05 PM	55771
Surr: DNOP	89.4	30.4-154	%Rec	1	10/14/2020 1:37:05 PM	55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2020 2:23:47 PM	55766
Surr: BFB	95.7	75.3-105	%Rec	1	10/12/2020 2:23:47 PM	55766
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2020 2:23:47 PM	55766
Toluene	ND	0.050	mg/Kg	1	10/12/2020 2:23:47 PM	55766
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2020 2:23:47 PM	55766
Xylenes, Total	ND	0.10	mg/Kg	1	10/12/2020 2:23:47 PM	55766
Surr: 4-Bromofluorobenzene	99.9	80-120	%Rec	1	10/12/2020 2:23:47 PM	55766

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: DNOP

Surr: BFB

Benzene

Toluene

Ethylbenzene

Xylenes, Total

**EPA METHOD 8015D: GASOLINE RANGE** 

Gasoline Range Organics (GRO)

Surr: 4-Bromofluorobenzene

**EPA METHOD 8021B: VOLATILES** 

Batch

**Analytical Report** Lab Order 2010510

Date Reported: 10/19/2020

10/14/2020 2:00:57 PM 55771

10/12/2020 2:47:16 PM 55766

Analyst: NSB

Analyst: NSB

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: H-9 East **Project:** Devon Big Sinks Draw 25 Fed Com 1 H Collection Date: 10/6/2020 12:05:00 PM Lab ID: 2010510-003 Matrix: SOIL Received Date: 10/9/2020 8:00:00 AM Result **RL** Oual Units **DF** Date Analyzed Analyses Analyst: CAS **EPA METHOD 300.0: ANIONS** Chloride 63 60 mg/Kg 20 10/15/2020 11:53:16 AM 55848 EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM **Diesel Range Organics (DRO)** ND 9.6 mg/Kg 1 10/14/2020 2:00:57 PM 55771 ND Motor Oil Range Organics (MRO) 48 mg/Kg 1 10/14/2020 2:00:57 PM 55771

81.5

ND

97.1

ND

ND

ND

ND

100

30.4-154

75.3-105

0.025

0.050

0.050

0.099

80-120

5.0

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

1

1

1

1

1

1

1

1

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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Date Reported: 10/19/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsCProject: Devon Big Sinks Draw 25 Fed Com 1 HHLab ID: 2010510-004Matrix: SOIL

Client Sample ID: H-10 North East Collection Date: 10/6/2020 12:40:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analys	t: CAS
Chloride	ND	60	mg/Kg	20	10/15/2020 12:05:41 F	M 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analys	t: BRM
Diesel Range Organics (DRO)	11	9.6	mg/Kg	1	10/13/2020 3:01:20 PM	1 55771
Motor Oil Range Organics (MRO)	68	48	mg/Kg	1	10/13/2020 3:01:20 PM	1 55771
Surr: DNOP	81.0	30.4-154	%Rec	1	10/13/2020 3:01:20 PM	1 55771
EPA METHOD 8015D: GASOLINE RANGE					Analys	t: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2020 3:10:41 PM	1 55766
Surr: BFB	98.7	75.3-105	%Rec	1	10/12/2020 3:10:41 PM	1 55766
EPA METHOD 8021B: VOLATILES					Analys	t: NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2020 3:10:41 PM	1 55766
Toluene	ND	0.048	mg/Kg	1	10/12/2020 3:10:41 PM	1 55766
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2020 3:10:41 PM	1 55766
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2020 3:10:41 PM	1 55766
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/12/2020 3:10:41 PM	1 55766

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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Date Reported: 10/19/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: H-11 North **Project:** Devon Big Sinks Draw 25 Fed Com 1 H 2010510-005 Lab ID: Matrix: SOIL

Collection Date: 10/7/2020 11:30:00 AM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/15/2020 12:18:05 PM	A 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/14/2020 2:24:50 PM	55771
Motor Oil Range Organics (MRO)	57	48	mg/Kg	1	10/14/2020 2:24:50 PM	55771
Surr: DNOP	97.0	30.4-154	%Rec	1	10/14/2020 2:24:50 PM	55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 4:44:49 PM	55766
Surr: BFB	99.1	75.3-105	%Rec	1	10/12/2020 4:44:49 PM	55766
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2020 4:44:49 PM	55766
Toluene	ND	0.049	mg/Kg	1	10/12/2020 4:44:49 PM	55766
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 4:44:49 PM	55766
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 4:44:49 PM	55766
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/12/2020 4:44:49 PM	55766

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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Date Reported: 10/19/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsClienProject: Devon Big Sinks Draw 25 Fed Com 1 HColLab ID: 2010510-006Matrix: SOILRef

Client Sample ID: H-12 North West Collection Date: 10/7/2020 11:55:00 AM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/15/2020 12:30:30 PI	M 55848
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/14/2020 2:48:39 PM	55771
Motor Oil Range Organics (MRO)	51	47	mg/Kg	1	10/14/2020 2:48:39 PM	55771
Surr: DNOP	92.3	30.4-154	%Rec	1	10/14/2020 2:48:39 PM	55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2020 5:08:14 PM	55766
Surr: BFB	100	75.3-105	%Rec	1	10/12/2020 5:08:14 PM	55766
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2020 5:08:14 PM	55766
Toluene	ND	0.050	mg/Kg	1	10/12/2020 5:08:14 PM	55766
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2020 5:08:14 PM	55766
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 5:08:14 PM	55766
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/12/2020 5:08:14 PM	55766

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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Date Reported: 10/19/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: H-13 West **Project:** Devon Big Sinks Draw 25 Fed Com 1 H 2010510-007 Lab ID: Matrix: SOIL

Collection Date: 10/7/2020 12:15:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	65	60	mg/Kg	20	10/15/2020 1:07:43 PM	55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/14/2020 3:12:28 PM	55771
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/14/2020 3:12:28 PM	55771
Surr: DNOP	86.4	30.4-154	%Rec	1	10/14/2020 3:12:28 PM	55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 5:31:46 PM	55766
Surr: BFB	96.7	75.3-105	%Rec	1	10/12/2020 5:31:46 PM	55766
EPA METHOD 8021B: VOLATILES					Analyst:	NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2020 5:31:46 PM	55766
Toluene	ND	0.049	mg/Kg	1	10/12/2020 5:31:46 PM	55766
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 5:31:46 PM	55766
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 5:31:46 PM	55766
Surr: 4-Bromofluorobenzene	99.8	80-120	%Rec	1	10/12/2020 5:31:46 PM	55766

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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<b>L</b>						
Hall Env	Hall Environmental Analysis Laboratory, Inc.					
Client:	Safety & Environmental Solutions					

Project: Devon	Big Sinks Draw 25 Fed Com 1	H Battery		
Sample ID: MB-55848	SampType: mblk	300.0: Anions		
Client ID: PBS	Batch ID: 55848	RunNo: 72692		
Prep Date: 10/15/2020	Analysis Date: 10/15/2020	SeqNo: 2553253	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID: LCS-55848	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 55848	RunNo: 72692		
Prep Date: 10/15/2020	Analysis Date: 10/15/2020	SeqNo: 2553254	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	14 1.5 15.00	0 93.9 90	110	

**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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,	* & Environm 1 Big Sinks D			H Battery							
Sample ID: LCS-55771 SampType: LCS				Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	D: LCSS Batch ID: 55771 RunNo: 72618										
Prep Date: 10/12/2020	Analysis E	Date: 10	)/13/2020	S	SeqNo: 2	550264	Units: <b>mg/K</b>	g			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	43	10	50.00	0	87.0	70	130				
Surr: DNOP	4.7		5.000		94.3	30.4	154				
Sample ID: MB-55771	SampT	Гуре: МЕ	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics		
Client ID: PBS	Batc	h ID: 55	771	R	RunNo: 72	2618					
Prep Date: 10/12/2020	Analysis E	Date: 10	)/13/2020	S	SeqNo: 2	550265	Units: mg/K	g			
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		106	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 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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2010510

19-Oct-20

Client: Safet	ty & Environm	nental So	olutions							
Project: Devo	on Big Sinks D	Draw 25	Fed Com 1	H Battery						
Sample ID: mb-55766 SampType: MBLK TestCode: EK					PA Method	8015D: Gaso	line Rang	e		
Client ID: PBS	Bato	h ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/10/2020	Analysis I	Date: 10	0/12/2020	S	SeqNo: 2	548929	Units: <b>mg/K</b>	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO	) ND	5.0								
Surr: BFB	980		1000		98.3	75.3	105			
Sample ID: Ics-55766	Samp	Type: LC	s	Tes	tCode: El	PA Method	8015D: Gasc	line Rang	е	
Client ID: LCSS	Bato	h ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/10/2020	Analysis I	Date: 10	0/12/2020	S	SeqNo: 2	548930	Units: mg/K	ζg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO	) 21	5.0	25.00	0	85.0	72.5	106			
Surr: BFB	1100		1000		108	75.3	105			S

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2010510

19-Oct-20

•	v & Environn 1 Big Sinks D			H Battery						
Sample ID: mb-55766	BLK	TestCode: EPA Method 8021B: Volatiles								
Client ID: PBS	Bato	ch ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/10/2020	Analysis	Date: 10	0/12/2020	S	SeqNo: 2	548956	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: 4-Bromofluorobenzene	1.0		1.000		100	80	120			
Sample ID: LCS-55766	Samp	Type: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Bato	ch ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/10/2020	Analysis	Date: 10	0/12/2020	S	SeqNo: 2	548957	Units: mg/K	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.87	0.025	1.000	0	87.5	80	120			
Toluene	0.00	0.050	1.000	0	91.5	80	120			
loluelle	0.92	0.050	1.000	0	01.0	00				
Ethylbenzene	0.92 0.94	0.050	1.000	0	93.6	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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2010510

19-Oct-20

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Alb TEL: 505-345-3975 Website: clients.hc	4901 Hawki uquerque, NM 5 FAX: 505-345	ins NE 87109 Sai 5-4107	Sample Log-In Check List				
Client Name: Safety & Environmental Solutions	Work Order Number	2010510		RcptNo: 1				
Received By: Cheyenne Cason	10/9/2020 8:00:00 AM							
Completed By: Juan Rojas	10/9/2020 8:50:24 AM		Guaran g	L - 1				
Reviewed By: CM	10/9/2		1 0					
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 🗌					
4. Were all samples received at a temperature	of >0° C to 6.0°C	Yes 🔽	No 🗌					
5. Sample(s) in proper container(s)?		Yes 🔽	No 🗌					
6. Sufficient sample volume for indicated test(s	s)?	Yes 🔽	No 🗌					
7. Are samples (except VOA and ONG) proper	ly preserved?	Yes 🔽	No 🗌					
8. Was preservative added to bottles?		Yes 🗌	No 🔽					
9. Received at least 1 vial with headspace <1/4	I" for AQ VOA?	Yes	No 🗔	NA 🗹				
0. Were any sample containers received broke	en?	Yes	No 🔽	# of preserved				
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH: (<2 or >12 unless noted)				
2. Are matrices correctly identified on Chain of	Custody?	Yes 🔽	No 🗌	Adjusted?				
3. Is it clear what analyses were requested?		Yes 🔽	No 🗌					
<ol> <li>Were all holding times able to be met? (If no, notify customer for authorization.)</li> </ol>		Yes 🔽	No 🗌	Checked by: JR 10/91/70				
pecial Handling (if applicable)			1					
15. Was client notified of all discrepancies with	this order?	Yes 🗌	No 🗌					
Person Notified:	Date							
By Whom:	Via:	eMail 🗌 P	hone 🗌 Fax	In Person				
Regarding:								
Client Instructions:								
16. Additional remarks:								
17. <u>Cooler Information</u> Cooler No Temp °C Condition Se 1 4.8 Good	eal Intact Seal No Se	al Date	Signed By					

Page 1 of 1

Received by OCD: 12/5/2022 1	0:27:45 AM	Page 65 of 1
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request		Time:     Relinquished by:     Via:     Date     Time       Floo     Film     Relinquished by:     Via:     Date     Time       Filme:     Relinquished by:     Received by:     Via:     Date     Time       Relinquished by:     Received by:     Via:     Date     Time       Relinquished by:     Received by:     Via:     Date     Time       Relinquished by:     Curr     Curr     Curr     Curr
<b>ENVIRONME</b> YSIS LABOR/ environmental.com Albuquerque, NM 87109 Fax 505-345-4107 alysis Request	1 X X Granigh	
LA LA Iue, N jue, N gues	Total Coliform (Present/Absent)	
IVI IS anme querc x 50 x 50 x 50	(AOV) 0328 (AOV-im92) 0728	
<b>IALL ENVIRON</b> <b>NALYSIS LABC</b> www.hallenvironmental.com ns NE - Albuquerque, NM 5-3975 Fax 505-345-41 Analysis Request	Cl' L' BL' NO <sup>3</sup> ' NO <sup>5</sup> ' EO <sup>4</sup> ' 20 <sup>4</sup>	- CR
HALL ANAL www.hall 4901 Hawkins NE - Tel. 505-345-3975 Ar	Partals Retails	River to beron
HAI Www dins N	SMI20728 by 8310 or 8270SIMS	
HALL ANAL www.ha 4901 Hawkins NE Tel. 505-345-3975	(I.1402 bethod 504.1)	4
901 - 106	8081 Pesticides/8082 PCB's	:: 'S
	ТРН:8015D(GRO / DRO / WEO)	Remarks:
X		
5 Cours	-002248 (°C) 100 1002 1002 1002 1002 1002 1002 1002	Date Time 10/\$/30   30 Date Time
Deutral Rus	hager: Jew Rs S Bon Lu Breservative Preservative	Via: . Mundo Via: Com
Turn-Around Ti Standard Project Name: Refifed Project #:	Project Manager: <i>Allew Ris</i> Sampler: Se M & On Ice: De Yess # of Coolers: 1 Cooler Temp(including cr.):5 Container Preservati Type and # Type	Received by: Via: ,
Chain-of-Custody Record : Selictron Selictron g Address: 703 & Olution to ble NW 88240 e#: 575-397-0570	□ Level 4 (Full Validation)       □ Az Compliance       □ Az Compliance       □ Other       Matrix       Sample Name       A - 7       S H - 7       S H - 7       S H - 1       Non-tri       S H - 11       Non-tri       S H - 13       Muks	Inquistred by: Inquished by: MUM MUNIN
- of-Custo to Formulation		Relinquished by: Relinquished by:
hain Solution	ackage: Package: Ac (Type) (Type) (2005 (2005 (2005) (200)	Time: 500 71me:
Client: Solution	email or Fax#: QA/QC Package: Accreditation: DALAC Date Time C/66 [1[bù C265 C275	Date: Time: Date: Time: Date: Time: O(S)00 (Q10



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

October 15, 2020

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

RE: Devon Big Sinks Drew 25 Fed Com 1H Battery

OrderNo.: 2010509

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/9/2020 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

Date Reported: 10/15/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solution	Client Sample ID: H-1 North						
<b>Project:</b> Devon Big Sinks Drew 25 Fed C	om 1H	Collection Date: 10/6/2020 9:15:00 AM					
Lab ID: 2010509-001	Matrix: SOIL		<b>Received Date</b>	e: 10	/9/2020 8:00:00 AM		
Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch		
EPA METHOD 300.0: ANIONS					Analyst: CAS		
Chloride	61	60	mg/Kg	20	10/14/2020 10:41:18 PM 55839		
EPA METHOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM		
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/14/2020 10:28:58 AM 55771		
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/14/2020 10:28:58 AM 55771		
Surr: DNOP	90.9	30.4-154	%Rec	1	10/14/2020 10:28:58 AM 55771		
EPA METHOD 8015D: GASOLINE RANGE	E				Analyst: NSB		
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2020 10:52:00 AM 55766		
Surr: BFB	97.3	75.3-105	%Rec	1	10/12/2020 10:52:00 AM 55766		
EPA METHOD 8021B: VOLATILES					Analyst: NSB		
Benzene	ND	0.025	mg/Kg	1	10/12/2020 10:52:00 AM 55766		
Toluene	ND	0.050	mg/Kg	1	10/12/2020 10:52:00 AM 55766		
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2020 10:52:00 AM 55766		
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 10:52:00 AM 55766		
Surr: 4-Bromofluorobenzene	99.1	80-120	%Rec	1	10/12/2020 10:52:00 AM 55766		

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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Ethylbenzene

Xylenes, Total

Surr: 4-Bromofluorobenzene

**Analytical Report** Lab Order 2010509

Date Reported: 10/15/2020

10/12/2020 12:02:39 PM 55766

10/12/2020 12:02:39 PM 55766

10/12/2020 12:02:39 PM 55766

### Hall Environmental Analysis Laboratory, Inc.

	Safety & Environmental Solu	Client Sample ID: H-2 West Collection Date: 10/6/2020 9:40:00 AM						
Project: Lab ID:	Devon Big Sinks Drew 25 Fe 2010509-002	Matrix: SOIL	, i			//////////////////////////////////////		
	2010307-002	Watha, SOIL		Receiveu Dat	<b>e.</b> 10	79/2020 8.00.00 Alvi		
Analyses		Result	RL	Qual Units	DF	Date Analyzed	Batch	
EPA MET	THOD 300.0: ANIONS					Analyst:	CAS	
Chloride		62	60	mg/Kg	20	10/14/2020 10:53:42 PM	55839	
EPA MET	THOD 8015M/D: DIESEL RAN	GE ORGANICS				Analyst:	BRM	
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	10/14/2020 12:02:42 PM	55771	
Motor Oi	I Range Organics (MRO)	ND	48	mg/Kg	1	10/14/2020 12:02:42 PM	55771	
Surr: [	DNOP	96.8	30.4-154	%Rec	1	10/14/2020 12:02:42 PM	55771	
EPA MET	THOD 8015D: GASOLINE RAI	NGE				Analyst:	NSB	
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 12:02:39 PM	55766	
Surr: E	BFB	99.4	75.3-105	%Rec	1	10/12/2020 12:02:39 PM	55766	
EPA MET	THOD 8021B: VOLATILES					Analyst:	NSB	
Benzene		ND	0.025	mg/Kg	1	10/12/2020 12:02:39 PM	55766	
Toluene		ND	0.049	mg/Kg	1	10/12/2020 12:02:39 PM	55766	

ND

ND

102

0.049

0.098

80-120

mg/Kg

mg/Kg

%Rec

1

1

1

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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Date Reported: 10/15/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Safety & Environmental Solution	Cl	ient Sample II	<b>D:</b> H-	3 South				
Project:	Devon Big Sinks Drew 25 Fed C	om 1H Collection Date: 10/6/2020 10:05:00 AM							
Lab ID:	2010509-003	Matrix: SOIL		<b>Received Dat</b>	<b>e:</b> 10	/9/2020 8:00:00 AM			
Analyses		Result	RL	Qual Units	DF	Date Analyzed Batch			
EPA MET	THOD 300.0: ANIONS					Analyst: CAS			
Chloride		61	60	mg/Kg	20	10/14/2020 11:06:07 PM 55839			
EPA MET	HOD 8015M/D: DIESEL RANGE	ORGANICS				Analyst: BRM			
Diesel R	ange Organics (DRO)	ND	9.8	mg/Kg	1	10/14/2020 12:26:08 PM 55771			
Motor Oi	I Range Organics (MRO)	ND	49	mg/Kg	1	10/14/2020 12:26:08 PM 55771			
Surr: [	DNOP	94.0	30.4-154	%Rec	1	10/14/2020 12:26:08 PM 55771			
ЕРА МЕТ	THOD 8015D: GASOLINE RANGE	E				Analyst: NSB			
Gasoline	Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 1:13:04 PM 55766			
Surr: E	BFB	97.8	75.3-105	%Rec	1	10/12/2020 1:13:04 PM 55766			
EPA MET	THOD 8021B: VOLATILES					Analyst: NSB			
Benzene	)	ND	0.024	mg/Kg	1	10/12/2020 1:13:04 PM 55766			
Toluene		ND	0.049	mg/Kg	1	10/12/2020 1:13:04 PM 55766			
Ethylben	izene	ND	0.049	mg/Kg	1	10/12/2020 1:13:04 PM 55766			
Xylenes,	Total	ND	0.098	mg/Kg	1	10/12/2020 1:13:04 PM 55766			
Surr: 4	4-Bromofluorobenzene	101	80-120	%Rec	1	10/12/2020 1:13:04 PM 55766			

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 3 of 8

Date Reported: 10/15/2020

#### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: H-4 East **Project:** Devon Big Sinks Drew 25 Fed Com 1H Collection Date: 10/6/2020 10:35:00 AM Lab ID: 2010509-004 Matrix: SOIL Received Date: 10/9/2020 8:00:00 AM Analyses Result **RL** Oual Units **DF** Date Analyzed Batch **EPA METHOD 300.0: ANIONS** Analyst: CAS Chloride 63 60 mg/Kg 20 10/14/2020 11:18:32 PM 55839 EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM **Diesel Range Organics (DRO)** ND 9.4 mg/Kg 1 10/14/2020 12:49:37 PM 55771 Motor Oil Range Organics (MRO) ND 47 mg/Kg 1 10/14/2020 12:49:37 PM 55771 Surr: DNOP 10/14/2020 12:49:37 PM 55771 94.9 30.4-154 %Rec 1 **EPA METHOD 8015D: GASOLINE RANGE** Analyst: NSB 10/12/2020 1:36:38 PM 55766 Gasoline Range Organics (GRO) ND 4.9 mg/Kg 1 Surr: BFB 99.7 75.3-105 %Rec 10/12/2020 1:36:38 PM 55766 1 Ε

EPA METHOD 8021B: VOLATILES	Analyst: NSB				
Benzene	ND	0.025	mg/Kg	1	10/12/2020 1:36:38 PM 55766
Toluene	ND	0.049	mg/Kg	1	10/12/2020 1:36:38 PM 55766
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 1:36:38 PM 55766
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2020 1:36:38 PM 55766
Surr: 4-Bromofluorobenzene	103	80-120	%Rec	1	10/12/2020 1:36:38 PM 55766

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 4 of 8

L.							
Hall Env	Hall Environmental Analysis Laboratory, Inc.						
Client:	Safety & Environmental Solutions						

Project: Devon Big Sinks Drew 25 Fed Com 1H Battery											
Sample ID: MB-55839	SampType: mblk	TestCode: EPA Method									
Client ID: PBS	Batch ID: 55839	RunNo: 72666									
Prep Date: 10/14/2020	Analysis Date: 10/14/2020	SeqNo: 2552381	Units: mg/Kg								
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual							
Chloride	ND 1.5										
Sample ID: LCS-55839	SampType: Ics	TestCode: EPA Method									
Client ID: LCSS	Batch ID: 55839	RunNo: 72666									
Prep Date: 10/14/2020	Analysis Date: 10/14/2020	SeqNo: 2552382	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
- 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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Client: Project:	•	Environme g Sinks Dro		olutions Fed Com 1	H Battery							
Sample ID:	LCS-55771	771 SampType: LCS				TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID:	LCSS	Batch ID: 55771			RunNo: <b>72618</b>							
Prep Date:	10/12/2020	Analysis Da	ate: 10	)/13/2020	S	SeqNo: 2	550264	Units: mg/k	ſg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range	Organics (DRO)	43	10	50.00	0	87.0	70	130				
Surr: DNOP		4.7		5.000		94.3	30.4	154				
Sample ID: MB-55771     SampType: MBLK     TestCode: EPA Method 8015M/D: Diesel Range Organics												
Client ID:	PBS	Batch ID: 55771			R	RunNo: 72618						
Prep Date:	10/12/2020	Analysis Date: 10/13/2020			SeqNo: 2550265			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 Rang	e Organics (MRO)	ND	50									
Surr: DNOP		11		10.00		106	30.4	154				
Sample ID:	Sample ID: 2010509-001AMS SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics											
Client ID:	H-1 North	Batch ID: 55771			RunNo: <b>72640</b>							
Prep Date:	10/12/2020	Analysis Date: 10/14/2020		SeqNo: 2550924		Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range	Organics (DRO)	35	9.3	46.34	5.976	63.1	15	184				
Surr: DNOP		4.0		4.634		86.2	30.4	154				
Sample ID: 2010509-001AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics												
Client ID:	H-1 North	Batch	ID: 55	771	R	RunNo: 72	2640					
Prep Date:	10/12/2020	Analysis Date: 10/14/2020			SeqNo: 2550925 Units: mg/Kg			íg				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range	Organics (DRO)	36	9.4	46.82	5.976	63.3	15	184	1.16	23.9		
Surr: DNOP		4.2		4.682		90.2	30.4	154	0	0		

#### Qualifiers:

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

2010509

15-Oct-20

Client: Project:	•	Environmen g Sinks Dre			H Battery						
Sample ID:	mb-55766	SampTy	pe: ME	BLK	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID:	PBS	Batch	ID: 557	766	R	RunNo: 72	2598				
Prep Date:	10/10/2020	Analysis Da	ite: 10	)/12/2020	S	SeqNo: 2	548929	Units: mg/K	íg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 980	5.0	1000		98.3	75.3	105			
Sample ID:	lcs-55766	SampTy	pe: LC	S	Tes	tCode: EF	PA Method	8015D: Gaso	line Rang	e	
Client ID:	LCSS	Batch	ID: 55	766	R	RunNo: 72	2598				
Prep Date:	10/10/2020	Analysis Da	nte: 10	0/12/2020	S	SeqNo: 2	548930	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
-	e Organics (GRO)	21	5.0	25.00	0	85.0	72.5	106			
		4400		4000		108	75.3	105			c c
Surr: BFB		1100		1000		108	75.3	105			S
	2010509-002ams	SampTy	pe: MS		Tes			8015D: Gaso	line Rang	e	3
		SampTy	pe: <b>MS</b> ID: <b>55</b>	6			PA Method		line Rang	e	5
Sample ID:	H-2 West	SampTy	ID: 557	5 766	R	tCode: EF	PA Method 2598		0	e	3
Sample ID: Client ID:	H-2 West	SampTy Batch	ID: 557	5 766 D/12/2020	R	tCode: EF RunNo: 72 SeqNo: 29	PA Method 2598	8015D: Gaso	0	e RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte	H-2 West	SampTy Batch Analysis Da	ID: 557 Ite: 10	5 766 D/12/2020	R	tCode: EF RunNo: 72 SeqNo: 25	PA Method 2598 548933	8015D: Gaso Units: mg/K	g		
Sample ID: Client ID: Prep Date: Analyte	H-2 West 10/10/2020	SampTy Batch Analysis Da Result	ID: <b>55</b> 7 Ite: <b>10</b> PQL	5 766 0/12/2020 SPK value	R S SPK Ref Val	tCode: EF RunNo: 72 SeqNo: 29 %REC	PA Method 2598 548933 LowLimit	8015D: Gaso Units: mg/K HighLimit	g		
Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB	H-2 West 10/10/2020	SampTy Batch Analysis Da Result 23 1100	ID: <b>55</b> Ite: <b>10</b> PQL 5.0	5 766 0/12/2020 SPK value 24.75 990.1	R S SPK Ref Val 0	tCode: EF RunNo: 72 SeqNo: 29 %REC 91.8 110	PA Method 2598 548933 LowLimit 61.3 75.3	8015D: Gaso Units: mg/K HighLimit 114	G %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB	H-2 West 10/10/2020 e Organics (GRO) 2010509-002amsd	SampTy Batch Analysis Da Result 23 1100 I SampTy	ID: <b>55</b> Ite: <b>10</b> PQL 5.0	5 766 0/12/2020 SPK value 24.75 990.1	R S SPK Ref Val 0 Tes	tCode: EF RunNo: 72 SeqNo: 29 %REC 91.8 110	PA Method 2598 548933 LowLimit 61.3 75.3 PA Method	8015D: Gaso Units: mg/K HighLimit 114 105	G %RPD	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	H-2 West 10/10/2020 e Organics (GRO) 2010509-002amsd	SampTy Batch Analysis Da Result 23 1100 I SampTy	ID: <b>55</b> Ite: <b>10</b> PQL 5.0 Pe: <b>MS</b> ID: <b>55</b>	5 766 0/12/2020 SPK value 24.75 990.1 5D 766	R S SPK Ref Val 0 Tes R	tCode: EF RunNo: 72 SeqNo: 29 %REC 91.8 110 tCode: EF	PA Method 2598 548933 LowLimit 61.3 75.3 PA Method 2598	8015D: Gaso Units: mg/K HighLimit 114 105	Gg %RPD line Rang	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID:	H-2 West 10/10/2020 e Organics (GRO) 2010509-002amsd H-2 West	SampTy Batch Analysis Da Result 23 1100 I SampTy Batch	ID: <b>55</b> Ite: <b>10</b> PQL 5.0 Pe: <b>MS</b> ID: <b>55</b>	5 766 0/12/2020 SPK value 24.75 990.1 5D 766 0/12/2020	R S SPK Ref Val 0 Tes R	tCode: EF RunNo: 72 SeqNo: 28 %REC 91.8 110 tCode: EF RunNo: 72 SeqNo: 28	PA Method 2598 548933 LowLimit 61.3 75.3 PA Method 2598	8015D: Gaso Units: mg/K HighLimit 114 105 8015D: Gaso	Gg %RPD line Rang	RPDLimit	Qual
Sample ID: Client ID: Prep Date: Analyte Gasoline Rang Surr: BFB Sample ID: Client ID: Prep Date: Analyte	H-2 West 10/10/2020 e Organics (GRO) 2010509-002amsd H-2 West	SampTy Batch Analysis Da Result 23 1100 I SampTy Batch Analysis Da	ID: 557 ate: 10 PQL 5.0 Pe: MS ID: 557 ate: 10	5 766 0/12/2020 SPK value 24.75 990.1 5D 766 0/12/2020	R SPK Ref Val 0 Tes R S	tCode: EF RunNo: 72 SeqNo: 28 %REC 91.8 110 tCode: EF RunNo: 72 SeqNo: 28	PA Method 2598 548933 LowLimit 61.3 75.3 PA Method 2598 548934	8015D: Gaso Units: mg/K HighLimit 114 105 8015D: Gaso Units: mg/K	Gg %RPD Nine Rang	RPDLimit e	Qual S

#### Qualifiers:

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

2010509

15-Oct-20

WO#:

# **QC SUMMARY REPORT** Ha

2010509

WO#:

Hall Environmental Analysis Laboratory, Inc.									15-Oct-20		
llient: roject:	Safety & Devon Bi			lutions Fed Com 11	H Battery						
Sample ID: mb-55	5766	Samp	Гуре: <b>МЕ</b>	BLK	Tes	tCode: El	PA Method	8021B: Volati	iles		
Client ID: PBS		Batc	h ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/1	0/2020	Analysis [	Date: 10	/12/2020	5	SeqNo: 2	548956	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
enzene		ND	0.025								
oluene		ND	0.050								
thylbenzene		ND	0.050								
ylenes, Total		ND	0.10								
Surr: 4-Bromofluorob	enzene	1.0		1.000		100	80	120			
Sample ID: LCS-5	5766	Samp	SampType: LCS TestCode: EPA Method 8021B: Volatiles								
Client ID: LCSS		Batc	h ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/1	0/2020	Analysis [	Date: 10	/12/2020	S	SeqNo: 2	548957	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
enzene		0.87	0.025	1.000	0	87.5	80	120			
oluene		0.92	0.050	1.000	0	91.5	80	120			
thylbenzene		0.94	0.050	1.000	0	93.6	80	120			
ylenes, Total		2.8	0.10	3.000	0	93.5	80	120			
Surr: 4-Bromofluorob	enzene	1.0		1.000		101	80	120			
Sample ID: 20105	09-001ams	Samp	Туре: <b>МS</b>	;	Tes	tCode: El	PA Method	8021B: Volati	iles		
Client ID: H-1 N	orth	Batc	h ID: 55	766	F	RunNo: 7	2598				
Prep Date: 10/1	0/2020	Analysis [	Date: 10	/12/2020	S	SeqNo: 2	548959	Units: mg/K	g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
enzene		0.90	0.025	0.9980	0	89.9	76.3	120			
oluene		0.94	0.050	0.9980	0.01312	92.7	78.5	120			
thylbenzene		0.96	0.050	0.9980	0	96.4	78.1	124			
ylenes, Total		2.9	0.10	2.994	0	96.6	79.3	125			

Sample ID: 2010509-001amsd	SampT	SampType: <b>MSD</b>		TestCode: EPA Method 8021B: Volatiles						
Client ID: H-1 North Batch ID: 55766				R						
Prep Date: 10/10/2020	Analysis Date: 10/12/2020			SeqNo: 2548960			Units: <b>mg/K</b>	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.024	0.9747	0	86.8	76.3	120	5.85	20	
Toluene	0.89	0.049	0.9747	0.01312	89.5	78.5	120	5.83	20	
Ethylbenzene	0.90	0.049	0.9747	0	92.7	78.1	124	6.33	20	
Xylenes, Total	2.7	0.097	2.924	0	92.7	79.3	125	6.50	20	
Surr: 4-Bromofluorobenzene	1.0		0.9747		102	80	120	0	0	

0.9980

#### **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

Surr: 4-Bromofluorobenzene

1.0

% Recovery outside of range due to dilution or matrix S

Analyte detected in the associated Method Blank в

103

80

120

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

ANAL	RONMENTAL Ysis Ratory	Hall Environment A. TEL: 505-345-39 Website: clients.	49 Ibuquer 75 FAX	01 Hawk que, NM : 505-34.	tins NE 87109 5-4107	Sar	nple Log-In Check List
Client Name:	Safety & Environmental Solutions	Work Order Number	er: 201	0509			RcptNo: 1
Received By:	Cheyenne Cason	10/9/2020 8:00:00 A	м				
Completed By:	Juan Rojas	10/9/2020 8:44:04 A	м		quan	39	
Reviewed By:	Cre	10/910					
Chain of Cus	tody						
	ustody complete?		Yes		No		Not Present
2. How was the	sample delivered?		Cou	irier			
Log In							
	npt made to cool the samples	?	Yes		No		
4. Were all samp	ples received at a temperatur	e of >0° C to 6.0°C	Yes		No		NA 🗔
5. Sample(s) in	proper container(s)?		Yes	~	No		
6. Sufficient sam	ple volume for indicated test(	s)?	Yes	~	No		
7. Are samples (	except VOA and ONG) prope	rly preserved?	Yes	~	No		
8. Was preserva	tive added to bottles?		Yes		No	•	NA 🗔
9. Received at le	ast 1 vial with headspace <1/	4" for AQ VOA?	Yes		No		NA 🗹
10, Were any san	nple containers received brok	en?	Yes		No	•	
	rk match bottle labels? Incies on chain of custody)		Yes		No		# of preserved bottles checked for pH: (<2 or >12 unless noted)
	correctly identified on Chain o	f Custody?	Yes	V	No		Adjusted?
3. Is it clear what	analyses were requested?		Yes	~	No		/ in hall
	ng times able to be met? ustomer for authorization.)		Yes	~	No		Checked by: JR 10 91
Special Handl	ing (if applicable)					k	
15. Was client no	tified of all discrepancies with	this order?	Yes		No		NA 🔽
Person	Notified:	Date [					
By Who	m:	Via:	eM	ail 🗌	Phone	Fax	In Person
Regardi	St						
Client In	structions:						
16. Additional rer	narks:						
17. <u>Cooler Infor</u> Cooler No		eal Intact Seal No	Seal D	ate	Signed I	Зу	
and the second s	4.8 Good	Contraction Contraction				,	

<b>Received by OCD: 12/5/2022 1</b>	0:27:45 AM	<u></u>	Page 76 of 1
<ul> <li>HALL ENVIRONMENTAL</li> <li>HALL ENVIRONMENTAL</li> <li>ANALYSIS LABORATORY</li> <li>Manusis Laboratory</li> <li>Manusis Laboratory</li> <li>Manusis Laboratory</li> <li>Manusis Laboratory</li> <li>Manusis Request</li> </ul>	APHs by 8310 or 82705IMS SCRA 8 Metals SI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> S60 (VOA) S20 (Semi-VOA) otal Coliform (Present/Absent) otal Coliform (Present/Absent)		$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
1 Haw	DB (Method 504.1)		
4901 Tel.	ראו:8015D(פּאָס / סאָס / אאָס).		B.U.
	BTEX / MTBE / TMB's (8021)		
turi	D NO -02-48 (°C)	-007	10/8/30 1130 Date Time Date Time
EC	Project Manager: M.M. Rol Sampler: Sampler: On Ice: by Yes # of Coolers: ( Cooler Temp(including CF):5(0) Cooler Temp(including CF):5(0) Container Tuno and # Tuno	Ner	Viai
Turn-Around Time: Extandard E Project Name: Di Ray Swift Project #:	Project Manage Replet: Sampler: On Ice: # of Coolers: Cooler Temp <sup>(met</sup>		Received by: Received by: Received by:
Chain-of-Custody Record Selections of Address: 703 5. Clucton Shis N.W. 88240 ett. 575-397-0510	□ Level 4 (Full Validation) □ Az Compliance □ Other □ Other	H-1 Nowra H-2 West H-3 Swra H-4 GAAT	Ilmury
in-of-Cu:		10000	Relipquished by: Relipquished by:
Client: Such Such Mailing Address:	email or Fax#: QA/QC Package Accreditation: DELAC	0915 040 1005 1035	
Released to Imaging: 2/7/2023	Mater Content of the second of	90/0	Date: Date: 10/5/08

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

October 15, 2020

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

RE: Devon Big Sinks Draw 25 Fed Com 1H Batt 2RP 4687

OrderNo.: 2010506

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 6 sample(s) on 10/9/2020 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

Date Reported: 10/15/2020

# Hall Environmental Analysis Laboratory, Inc.

 CLIENT:
 Safety & Environmental Solutions
 C

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 C

 Lab ID:
 2010506-001
 Matrix: SOIL

Client Sample ID: H-5 North Collection Date: 10/7/2020 12:55:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/14/2020 9:02:03 PM	55839
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 4:33:47 AM	55760
Surr: BFB	102	70-130	%Rec	1	10/12/2020 4:33:47 AM	55760
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	mb
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/13/2020 3:08:48 AM	55765
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	10/13/2020 3:08:48 AM	55765
Surr: DNOP	99.4	30.4-154	%Rec	1	10/13/2020 3:08:48 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	JMR
Benzene	ND	0.024	mg/Kg	1	10/12/2020 4:33:47 AM	55760
Toluene	ND	0.049	mg/Kg	1	10/12/2020 4:33:47 AM	55760
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 4:33:47 AM	55760
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2020 4:33:47 AM	55760
Surr: 1,2-Dichloroethane-d4	94.3	70-130	%Rec	1	10/12/2020 4:33:47 AM	55760
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/12/2020 4:33:47 AM	55760
Surr: Dibromofluoromethane	108	70-130	%Rec	1	10/12/2020 4:33:47 AM	55760
Surr: Toluene-d8	98.3	70-130	%Rec	1	10/12/2020 4:33:47 AM	55760

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 10

Date Reported: 10/15/2020

### Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsProject:Devon Big Sinks Draw 25 Fed Com 1HLab ID:2010506-002Matrix: SOIL

Client Sample ID: H-6 West Collection Date: 10/7/2020 1:15:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/14/2020 9:14:27 PM	55839
EPA METHOD 8015D MOD: GASOLINE RANG	θE				Analyst	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 5:02:17 AM	55760
Surr: BFB	104	70-130	%Rec	1	10/12/2020 5:02:17 AM	55760
PA METHOD 8015M/D: DIESEL RANGE ORC	GANICS				Analyst	: mb
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	10/13/2020 3:32:27 AM	55765
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	10/13/2020 3:32:27 AM	55765
Surr: DNOP	95.1	30.4-154	%Rec	1	10/13/2020 3:32:27 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LI	ST				Analyst	JMR
Benzene	ND	0.024	mg/Kg	1	10/12/2020 5:02:17 AM	55760
Toluene	ND	0.049	mg/Kg	1	10/12/2020 5:02:17 AM	55760
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 5:02:17 AM	55760
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2020 5:02:17 AM	55760
Surr: 1,2-Dichloroethane-d4	87.3	70-130	%Rec	1	10/12/2020 5:02:17 AM	55760
Surr: 4-Bromofluorobenzene	99.4	70-130	%Rec	1	10/12/2020 5:02:17 AM	55760
Surr: Dibromofluoromethane	107	70-130	%Rec	1	10/12/2020 5:02:17 AM	55760
Surr: Toluene-d8	98.4	70-130	%Rec	1	10/12/2020 5:02:17 AM	55760

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 2 of 10

Date Reported: 10/15/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT:Safety & Environmental SolutionsCliProject:Devon Big Sinks Draw 25 Fed Com 1HCLab ID:2010506-003Matrix: SOIL

Client Sample ID: H-7 East Collection Date: 10/7/2020 1:40:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/14/2020 9:26:52 PM	55839
EPA METHOD 8015D MOD: GASOLINE RANG	E				Analyst:	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 5:30:51 AM	55760
Surr: BFB	98.0	70-130	%Rec	1	10/12/2020 5:30:51 AM	55760
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	mb
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/13/2020 3:56:08 AM	55765
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/13/2020 3:56:08 AM	55765
Surr: DNOP	97.1	30.4-154	%Rec	1	10/13/2020 3:56:08 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LIS	т				Analyst:	JMR
Benzene	ND	0.025	mg/Kg	1	10/12/2020 5:30:51 AM	55760
Toluene	ND	0.049	mg/Kg	1	10/12/2020 5:30:51 AM	55760
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 5:30:51 AM	55760
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2020 5:30:51 AM	55760
Surr: 1,2-Dichloroethane-d4	90.4	70-130	%Rec	1	10/12/2020 5:30:51 AM	55760
Surr: 4-Bromofluorobenzene	96.9	70-130	%Rec	1	10/12/2020 5:30:51 AM	55760
Surr: Dibromofluoromethane	105	70-130	%Rec	1	10/12/2020 5:30:51 AM	55760
Surr: Toluene-d8	98.1	70-130	%Rec	1	10/12/2020 5:30:51 AM	55760

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 3 of 10

Date Reported: 10/15/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsCProject:Devon Big Sinks Draw 25 Fed Com 1HLab ID:2010506-004Matrix:SOIL

Client Sample ID: H-8 West Collection Date: 10/7/2020 2:05:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/14/2020 10:04:04 PN	1 55839
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Surr: BFB	104	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	mb
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/13/2020 4:19:47 AM	55765
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/13/2020 4:19:47 AM	55765
Surr: DNOP	84.6	30.4-154	%Rec	1	10/13/2020 4:19:47 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	JMR
Benzene	ND	0.024	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Toluene	ND	0.049	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Surr: 1,2-Dichloroethane-d4	90.2	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
Surr: Dibromofluoromethane	102	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
Surr: Toluene-d8	97.8	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760

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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Date Reported: 10/15/2020

### Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** Safety & Environmental Solutions Client Sample ID: H-9 East **Project:** Devon Big Sinks Draw 25 Fed Com 1H 2010506-005 Lab ID: Matrix: SOIL

Collection Date: 10/7/2020 2:20:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	CAS
Chloride	ND	60	mg/Kg	20	10/14/2020 10:16:29 PM	A 55839
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 6:27:50 AM	55760
Surr: BFB	106	70-130	%Rec	1	10/12/2020 6:27:50 AM	55760
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst	mb
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	10/13/2020 4:43:22 AM	55765
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/13/2020 4:43:22 AM	55765
Surr: DNOP	89.2	30.4-154	%Rec	1	10/13/2020 4:43:22 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst	JMR
Benzene	ND	0.024	mg/Kg	1	10/12/2020 6:27:50 AM	55760
Toluene	ND	0.049	mg/Kg	1	10/12/2020 6:27:50 AM	55760
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 6:27:50 AM	55760
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2020 6:27:50 AM	55760
Surr: 1,2-Dichloroethane-d4	96.3	70-130	%Rec	1	10/12/2020 6:27:50 AM	55760
Surr: 4-Bromofluorobenzene	104	70-130	%Rec	1	10/12/2020 6:27:50 AM	55760
Surr: Dibromofluoromethane	111	70-130	%Rec	1	10/12/2020 6:27:50 AM	55760
Surr: Toluene-d8	103	70-130	%Rec	1	10/12/2020 6:27:50 AM	55760

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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Date Reported: 10/15/2020

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental SolutionsClient SProject: Devon Big Sinks Draw 25 Fed Com 1HCollecLab ID: 2010506-006Matrix: SOILReceived

Client Sample ID: H-10 South Collection Date: 10/7/2020 2:45:00 PM Received Date: 10/9/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst:	CAS
Chloride	ND	60	mg/Kg	20	10/14/2020 10:28:54 PM	1 55839
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	JMR
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2020 6:56:23 AM	55760
Surr: BFB	104	70-130	%Rec	1	10/12/2020 6:56:23 AM	55760
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	mb
Diesel Range Organics (DRO)	ND	9.0	mg/Kg	1	10/13/2020 5:06:56 AM	55765
Motor Oil Range Organics (MRO)	ND	45	mg/Kg	1	10/13/2020 5:06:56 AM	55765
Surr: DNOP	91.8	30.4-154	%Rec	1	10/13/2020 5:06:56 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	JMR
Benzene	ND	0.025	mg/Kg	1	10/12/2020 6:56:23 AM	55760
Toluene	ND	0.050	mg/Kg	1	10/12/2020 6:56:23 AM	55760
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2020 6:56:23 AM	55760
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 6:56:23 AM	55760
Surr: 1,2-Dichloroethane-d4	87.4	70-130	%Rec	1	10/12/2020 6:56:23 AM	55760
Surr: 4-Bromofluorobenzene	103	70-130	%Rec	1	10/12/2020 6:56:23 AM	55760
Surr: Dibromofluoromethane	102	70-130	%Rec	1	10/12/2020 6:56:23 AM	55760
Surr: Toluene-d8	102	70-130	%Rec	1	10/12/2020 6:56:23 AM	55760

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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<b>L</b>						
Hall Env	Hall Environmental Analysis Laboratory, Inc.					
Client:	Safety & Environmental Solutions					

Project: Devon	Big Sinks Draw 25 Fed Com 1	H Batt 2R		
Sample ID: MB-55839	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 55839	RunNo: 72666		
Prep Date: 10/14/2020	Analysis Date: 10/14/2020	SeqNo: 2552381	Units: mg/Kg	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID: LCS-55839	SampType: Ics	TestCode: EPA Method	300.0: Anions	
Client ID: LCSS	Batch ID: 55839	RunNo: 72666		
Prep Date: 10/14/2020	Analysis Date: 10/14/2020	SeqNo: 2552382	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
- 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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,	c Environme Big Sinks Di			H Batt 2R						
Sample ID: MB-55765	SampT	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 55	765	F	RunNo: 7	2584				
Prep Date: 10/10/2020	Analysis D	Date: 10	0/12/2020	S	SeqNo: 2	549618	Units: mg/K	g		
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	9.2		10.00		91.8	30.4	154			
Sample ID: LCS-55765	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 55	765	F	RunNo: 7	2584				
Prep Date: 10/10/2020	Analysis D	Date: 10	)/12/2020	S	SeqNo: 2	549619	Units: <b>mg/K</b>	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.6	70	130			
Surr: DNOP	4.1		5.000		83.0	30.4	154			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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15-Oct-20

WO#:

**Client:** 

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

Safety & Environmental Solutions

Project: Devon	Big Sinks D	raw 25	Fed Com 1	H Batt 2R						
Sample ID: Ics-55760	Samp	Гуре: <b>LC</b>	S4	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: BatchQC	Batc	h ID: 55	760	F	RunNo: 72577					
Prep Date: 10/10/2020	Analysis [	Date: 10	)/11/2020	S	SeqNo: 2	548379	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	102	80	120			
Ethylbenzene	1.0	0.050	1.000	0	102	80	120			
Xylenes, Total	3.2	0.10	3.000	0	105	80	120			
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.3	70	130			
Surr: 4-Bromofluorobenzene	0.52		0.5000		105	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		107	70	130			
Surr: Toluene-d8	0.50		0.5000		99.9	70	130			
Sample ID: mb-55760	Samp	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: PBS	Batc	h ID: 55	760	F	RunNo: 7	2577				
Prep Date: 10/10/2020	Analysis [	Date: 10	)/11/2020	S	SeqNo: 2	548380	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	0.45		0.5000		89.2	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		100	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		107	70	130			
Surr: Toluene-d8	0.50		0.5000		99.2	70	130			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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WO#:

2	& Environm Big Sinks D			H Batt 2R						
Sample ID: Ics-55760	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: LCSS	Batcl	n ID: 55	760	RunNo: 72577						
Prep Date: 10/10/2020	Analysis D	ate: 10	)/11/2020	S	eqNo: 2	548399	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	82.5	70	130			
Surr: BFB	510		500.0		102	70	130			
Sample ID: mb-55760	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D Mod:	Gasoline	Range	
Client ID: PBS	Batcl	n ID: 55	760	F	unNo: 7	2577				
Prep Date: 10/10/2020	Analysis D	ate: 10	)/11/2020	S	eqNo: 2	548400	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	520		500.0		104	70	130			

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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15-Oct-20

WO#:

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HALL ENVIRONMENTAL ANALYSIS LABORATORY	TEL: 505-345-2	ntal Analysis La 4901 Hav Albuquerque, N 3975 FAX: 505-3 ts.hallenvironme	wkins NE M 87109 Sa 45-4107	ample Log-In Check L	.ist
Client Name: Safety & Environmental Solutions	Work Order Num	ber: 2010506		RcptNo: 1	
Received By: Cheyenne Cason	10/9/2020 8:00:00	AM			
Completed By: Juan Rojas	10/9/2020 8:37:26	AM	quara	9-	
Reviewed By: Crrc	10/94				
Chain of Custody					
1. Is Chain of Custody complete?		Yes 🔽	No 🗌	Not Present	
2. How was the sample delivered?		<u>Courier</u>			
Log In 3. Was an attempt made to cool the samples?		Yes 🔽	No		
• • • • • • • • • • • • • • • • • • •		res 💌		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 🗌	1	
<ol><li>Sufficient sample volume for indicated test(s</li></ol>	)?	Yes 🔽	No 🗌		
7. Are samples (except VOA and ONG) proper	y preserved?	Yes 🗹	No 🗌		
3. Was preservative added to bottles?		Yes 🗌	No 🔽	NA 🗌	
. Received at least 1 vial with headspace <1/4	" for AQ VOA?	Yes	No 🗌	NA 🔽	
0. Were any sample containers received broke	n?	Yes 🗆	No 🔽	# of preserved	/
1. Does paperwork match bottle labels? (Note discrepancies on chain of custody)		Yes 🗹	No 🗌	bottles checked for pH: (<2 or >12 unless	noted)
2. Are matrices correctly identified on Chain of	Custody?	Yes 🔽	No 🗌	Adjusted?	
3. Is it clear what analyses were requested?		Yes 🔽	No 🗌	/	1
<ol> <li>Were all holding times able to be met? (If no, notify customer for authorization.)</li> </ol>		Yes 🗹	No 🗌	Checked by: JP 101	912
pecial Handling (if applicable)					
5. Was client notified of all discrepancies with	his order?	Yes	No 🗌	NA 🔽	
Person Notified:	Date	1			
By Whom:	Via:	eMail	] Phone 🔲 Fa	x 🔲 In Person	
Regarding:					
Client Instructions:					
6. Additional remarks:					
7. <u>Cooler Information</u> Cooler No Temp °C Condition Se	al Intact Seal No	Seal Date	Signed By		

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LITAL		Page 89 of 12
<ul> <li>HALL ENVIRONMENTAL</li> <li>HALL ENVIRONMENTAL</li> <li>ANALYSIS LABORATOR</li> <li>ANALYSIS LABORATOR</li> <li>ANALYSIS LABORATOR</li> <li>ANALYSIS LABORATOR</li> <li>ANALYSIS LABORATOR</li> </ul>	BTEX / MTBE / TMB's (8021)         PH:8015D(GRO / DRO / MRO)	Time:     Relinquished by:     Received by:     Via:     Date     Time       Filme:     Relinquished by:     Received by:     Via:     Date     Time       Filme:     Relinquished by:     Received by:     Via:     Date     Time       Mumu     10/8/w     11/2     Remarks:     Del/W       Max     Mumu     10/8/w     11/2     Remarks:       Mumu     Com     Com     10/9/w     Mumu
Time: 5 Cary - Rush - 20-010 - 20-010	B HEAL NO. - 002 - 0.2 - 4.8 (°C) - 002 - 002 - 002 -	Via: Date Time Re WW 10/4/20 11/20 Via: Date Time CUM 10/9/140 0500
Turn-Around T Erstandard Project Name: Brance: Project #:	Project Manager: A.U.e.u., K. Sampler: S.M. On Ice: pg Yesc # of Coolers: ' Cooler Temp(ineluding cf): 5 Cooler Temp(ineluding cf):	Received by: Via: MMMMW Received by: Via: Matracted to other accredited
Chain-of-Custody Record : Solity & Guithone Record Soluthone ig Address: 703 6. Clurton phs N.M 88240 e#: 575-397-0570	Fax#:         ackage:         a	Relinquished by: Relinquished by: Relinquished by: Ssarv sambles submitted to Hall Environmental may be subm
Client: Support	email or Fax#: QA/QC Package:	Date: Time: Date/ Time: Date/ Time: P(S) 00 1900

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

November 10, 2020

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

RE: Devon Big Sinks Draw 25 Fed Com 1H 2RP 4687

OrderNo.: 2011059

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 4 sample(s) on 11/3/2020 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

Analytical Report
Lab Order 2011059

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H 2

**CLIENT:** Safety & Environmental Solutions

2011059-001

Client Sample ID: SP-11 1 FT Bottom Collection Date: 10/29/2020 10:20:00 AM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	59	mg/Kg	20	11/6/2020 12:59:27 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/4/2020 8:14:38 PM	56174
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/4/2020 8:14:38 PM	56174
Surr: DNOP	81.3	30.4-154	%Rec	1	11/4/2020 8:14:38 PM	56174
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/4/2020 3:34:49 PM	56173
Surr: BFB	93.9	75.3-105	%Rec	1	11/4/2020 3:34:49 PM	56173
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	0.026	0.025	mg/Kg	1	11/4/2020 3:34:49 PM	56173
Toluene	ND	0.049	mg/Kg	1	11/4/2020 3:34:49 PM	56173
Ethylbenzene	ND	0.049	mg/Kg	1	11/4/2020 3:34:49 PM	56173
Xylenes, Total	ND	0.098	mg/Kg	1	11/4/2020 3:34:49 PM	56173
Surr: 4-Bromofluorobenzene	98.0	80-120	%Rec	1	11/4/2020 3:34:49 PM	56173

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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Released to Imaging: 2/7/2023 10:34:15 AM

Analytical Report
Lab Order 2011059

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H 2

**CLIENT:** Safety & Environmental Solutions

2011059-002

Client Sample ID: H-12 North Wall Collection Date: 10/29/2020 11:00:00 AM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	11/6/2020 1:36:41 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/4/2020 8:38:48 PM	56174
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/4/2020 8:38:48 PM	56174
Surr: DNOP	104	30.4-154	%Rec	1	11/4/2020 8:38:48 PM	56174
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/4/2020 3:58:17 PM	56173
Surr: BFB	93.7	75.3-105	%Rec	1	11/4/2020 3:58:17 PM	56173
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	11/4/2020 3:58:17 PM	56173
Toluene	ND	0.048	mg/Kg	1	11/4/2020 3:58:17 PM	56173
Ethylbenzene	ND	0.048	mg/Kg	1	11/4/2020 3:58:17 PM	56173
Xylenes, Total	ND	0.097	mg/Kg	1	11/4/2020 3:58:17 PM	56173
Surr: 4-Bromofluorobenzene	96.8	80-120	%Rec	1	11/4/2020 3:58:17 PM	56173

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 2 of 8

**CLIENT:** Safety & Environmental Solutions

2011059-003

Analytical Report
Lab Order 2011059

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H 2

Client Sample ID: H-13 West Wall Collection Date: 10/29/2020 11:15:00 AM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	11/6/2020 1:49:06 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.4	mg/Kg	1	11/4/2020 9:02:43 PM	56174
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/4/2020 9:02:43 PM	56174
Surr: DNOP	102	30.4-154	%Rec	1	11/4/2020 9:02:43 PM	56174
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/4/2020 4:21:55 PM	56173
Surr: BFB	91.5	75.3-105	%Rec	1	11/4/2020 4:21:55 PM	56173
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	11/4/2020 4:21:55 PM	56173
Toluene	ND	0.047	mg/Kg	1	11/4/2020 4:21:55 PM	56173
Ethylbenzene	ND	0.047	mg/Kg	1	11/4/2020 4:21:55 PM	56173
Xylenes, Total	ND	0.094	mg/Kg	1	11/4/2020 4:21:55 PM	56173
Surr: 4-Bromofluorobenzene	94.5	80-120	%Rec	1	11/4/2020 4:21:55 PM	56173

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 3 of 8

Analytical Report
Lab Order 2011059

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H 2

**CLIENT:** Safety & Environmental Solutions

2011059-004

Client Sample ID: H-14 South Wall Collection Date: 10/29/2020 11:45:00 AM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual U	U <b>nits</b>	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst:	VP
Chloride	ND	60	r	mg/Kg	20	11/6/2020 2:01:31 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS					Analyst:	BRM
Diesel Range Organics (DRO)	ND	9.7	r	mg/Kg	1	11/4/2020 9:26:53 PM	56174
Motor Oil Range Organics (MRO)	ND	48	r	mg/Kg	1	11/4/2020 9:26:53 PM	56174
Surr: DNOP	115	30.4-154	c	%Rec	1	11/4/2020 9:26:53 PM	56174
EPA METHOD 8015D: GASOLINE RANGE						Analyst:	NSB
Gasoline Range Organics (GRO)	ND	4.8	r	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Surr: BFB	92.4	75.3-105	c	%Rec	1	11/4/2020 4:45:29 PM	56173
EPA METHOD 8021B: VOLATILES						Analyst:	NSB
Benzene	ND	0.024	r	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Toluene	ND	0.048	r	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Ethylbenzene	ND	0.048	r	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Xylenes, Total	ND	0.096	r	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Surr: 4-Bromofluorobenzene	95.5	80-120	ç	%Rec	1	11/4/2020 4:45:29 PM	56173

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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Released to Imaging: 2/7/2023 10:34:15 AM

•	& Environmental Solutions Big Sinks Draw 25 Fed Com 11	H 2RP 468			
Sample ID: MB-56258	SampType: mblk	TestCode: EPA Method	300.0: Anions		
Client ID: PBS	Batch ID: 56258	RunNo: 73173			
Prep Date: 11/6/2020	Analysis Date: 11/6/2020	SeqNo: 2575833	Units: mg/Kg		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual
Chloride	ND 1.5				
Sample ID: LCS-56258	SampType: Ics	TestCode: EPA Method	300.0: Anions		
Client ID: LCSS	Batch ID: 56258	RunNo: 73173			
Prep Date: 11/6/2020	Analysis Date: 11/6/2020	SeqNo: 2575835	Units: <b>mg/Kg</b>		
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit	Qual
Chloride	14 1.5 15.00	0 91.5 90	110		

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2011059

10-Nov-20

WO#:

•	& Environme Big Sinks Di			H 2RP 468						
Sample ID: LCS-56174	SampT	ype: LC	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 56	174	F	RunNo: 7:	3123				
Prep Date: 11/3/2020	Analysis D	ate: 11	/4/2020	S	SeqNo: 2	572317	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	57	10	50.00	0	115	70	130			
Surr: DNOP	5.3		5.000		106	30.4	154			
Sample ID: MB-56174	SampT	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 56	174	F	RunNo: 7:	3123				
Prep Date: 11/3/2020	Analysis D	ate: 11	/4/2020	S	SeqNo: 2	572319	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Iotor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		116	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 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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2011059

10-Nov-20

WO#:

•	è Environm Big Sinks D			H 2RP 468						
Sample ID: mb-56173	SampType: MBLK		Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batc	Batch ID: 56173 RunNo: 73115								
Prep Date: 11/3/2020	Analysis [	Date: 11	1/4/2020	S	SeqNo: 2	571725	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	950		1000		95.0	75.3	105			
Sample ID: Ics-56173	SampType: LCS TestCode: EPA Method 8015D: Gasoline Rar					line Rang	e			
Client ID: LCSS	Batc	h ID: 56	173	F	RunNo: 73	3115				
Prep Date: 11/3/2020	Analysis [	Date: 11	/4/2020	S	SeqNo: 2	571726	Units: <b>mg/K</b>	íg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	89.0	72.5	106			
Surr: BFB	1100		1000		106	75.3	105			S

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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10-Nov-20

WO#:

#### 1 0

	ty & Environm on Big Sinks D			H 2RP 468						
Sample ID: mb-56173	Samp	Туре: МЕ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batc	h ID: 561	173	F	RunNo: 7:	3115				
Prep Date: 11/3/2020	Analysis [	Date: 11	/4/2020	S	SeqNo: 2	571769	Units: <b>mg/K</b>	(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: 4-Bromofluorobenzene	0.97		1.000		96.6	80	120			
Sample ID: LCS-56173	Samp	Туре: <b>LC</b>	S	Tes	tCode: EF	PA Method	od 8021B: Volatiles			
Client ID: LCSS	Batc	h ID: 561	173	F	RunNo: 7:	3115				
Prep Date: 11/3/2020	Analysis [	Date: 11	/4/2020	5	SeqNo: 2	571770	Units: mg/K	ſg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	87.6	80	120			
Toluene	0.94	0.050	1.000	0	94.1	80	120			
Ethylbenzene	0.95	0.050	1.000	0	94.6	80	120			
Xylenes, Total	2.9	0.10	3.000	0	95.6	80	120			
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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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2011059

10-Nov-20

WO#:

#### **Released to Imaging: 2/7/2023 10:34:15 AM**

Page	<b>99</b>	of	120

ANALYSIS	Hall Environmenta Alı TEL: 505-345-397 Website: clients.h	49( buquera 5 FAX:	)1 Hawkins N pue, NM 8710 505-345-410	<sup>VE</sup> 09 <b>San</b> 07	Page Sample Log-In Check List			
	ety & Environmental utions	Work Order Numbe	r: 201	1059		RcptNo: 1		
Received By: En	nily Mocho	11/3/2020 8:00:00 AM	1					
Completed By: De	siree Dominguez	11/3/2020 8:52:20 AM	1		TOS			
Reviewed By: EN	JM	11/3/20			I A			
Chain of Custody	Ľ							
1. Is Chain of Custod	ly complete?		Yes	~	No 🗌	Not Present		
2. How was the same	ble delivered?		<u>Cou</u>	rier				
Log In								
ა. Was an attempt m	ade to cool the samples	?	Yes	V	No 🗌			
4. Were all samples r	eceived at a temperatur	e of >0° C to 6.0°C	Yes	~	No 🗌			
5. Sample(s) in prope	er container(s)?		Yes	~	No 🗌			
6. Sufficient sample v	olume for indicated test	(s)?	Yes	V	No 🗌			
7. Are samples (except	ot VOA and ONG) prope	erly preserved?	Yes		No 🗌			
8. Was preservative a	idded 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 of	containers received brok	ken?	Yes		No 🔽	H . (		
11. Does paperwork m	atch bottle labels? s on chain of custody)		Yes	<b>V</b>	No 🗌	# of preserved bottles checked for pH: (<2 or 12 unless not	hod	
	ctly identified on Chain c	of Custody?	Yes	~	No 🗌	Adjusted?	eu	
13. Is it clear what anal		i oustouy?	Yes		No 🗌			
14. Were all holding tin			Yes		No 🗌	Checked by: DAD 11/3	1	
Special Handling	(if applicable)							
15. Was client notified	of all discrepancies with	n this order?	Yes		No 🗌	NA 🔽		
Person Notif	ied:	Date:						
By Whom:	1	Via:	eM	ail 🔲 Pho	one 🗌 Fax	In Person		
Regarding:	J							
Client Instruc	ctions:							
16. Additional remarks	S:							
17. <u>Cooler Information</u> Cooler No Te 1 2.4	emp °C Condition	Seal Intact Seal No	Seal D	ate S	igned By			
2 3.9		es						

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Received by OCD: 12/5/202 <mark>2 1</mark>	:27:45 AM	Page 100 of 120
ITAL FORY		
HALL ENVIRONMENTAL HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	Market Structure       Market Structure         Market Structure       Market Structure         Market Structure       Section         Structure       Section<	Time:       Relinduished by:       Received by:       Via:       Date       Time       Remarks:         1600       XS       A-A       Received by:       Via:       Date       Time       Remarks:         17me:       Relinquished by:       Control       Nia:       Date       Time       Date       Time         19x       Rescented to All 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.
Turn-Around Time: Sday rugh Tstandard □ Rush Project Name: Devicy Big SiNKS Draw 25 72 Dun 1H Project #: Dev - 20-010	Project Manager: Project Manager: A. M. M. M. N. Su Sampler: Contrainer # of Coolers: Cooler Temp(metuding cF): 2. 41 ± 0 = 3.41 t=	I by:     Via:     Date     Time     Re       I by:     Via:     II     I     I     I       I by:     Via:     Date     Time       I by:     Via:     Date     Time       I by:     Via:     Date     I       I by:     Via:     Date     I       I by:     Via:     Date     Time       I by:     COULTIER     III     SOU
of-Custody Record + Contronver > Curture 703 5: Clurton U.M 88240 S-397 2510	I Level 4 (Full Validation) Az Compliance Other Matrix Sample Name <i>A</i> -12 Nov-4 WW <i>S H</i> -12 Nov-4 WW <i>S H</i> -12 Nov-4 WM	Relinquished by: Relinquished by: Received by Received by Received by SM
Client: Shain- Client: Shain- Mailing Address: Zhone #: 57	email or Fax#: QA/QC Package: TarStandard Accreditation: Date Time I Date Time I Date Time I Date Time	Date: Time: 730 (600 Date: Time: 11/2/20 1920 If necessary

Released to Imaging: 2/7/2023 10:34:15 AM



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

November 10, 2020

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

RE: Devon Big Sinks Draw 25 Fed Com 1H 2RP 4194

OrderNo.: 2011060

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/3/2020 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

Analytical Report
Lab Order 2011060

Date Reported: 11/10/2020

## Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H 2

**CLIENT:** Safety & Environmental Solutions

2011060-001

Client Sample ID: SP-13 1 FT Bottom Collection Date: 10/29/2020 12:05:00 PM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	VP
Chloride	ND	59	mg/Kg	20	11/6/2020 2:38:44 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE OF	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	11/4/2020 8:48:39 PM	56183
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/4/2020 8:48:39 PM	56183
Surr: DNOP	104	30.4-154	%Rec	1	11/4/2020 8:48:39 PM	56183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	11/5/2020 11:18:16 PM	56177
Surr: BFB	89.1	75.3-105	%Rec	1	11/5/2020 11:18:16 PM	56177
EPA METHOD 8021B: VOLATILES					Analyst	NSB
Benzene	ND	0.023	mg/Kg	1	11/5/2020 11:18:16 PM	56177
Toluene	ND	0.047	mg/Kg	1	11/5/2020 11:18:16 PM	56177
Ethylbenzene	ND	0.047	mg/Kg	1	11/5/2020 11:18:16 PM	56177
Xylenes, Total	ND	0.094	mg/Kg	1	11/5/2020 11:18:16 PM	56177
Surr: 4-Bromofluorobenzene	93.4	80-120	%Rec	1	11/5/2020 11:18:16 PM	56177

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 2011060

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H 2

**CLIENT:** Safety & Environmental Solutions

2011060-002

Client Sample ID: H-14 North Wall Collection Date: 10/29/2020 12:40:00 PM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	60	mg/Kg	20	11/6/2020 3:15:58 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE ORG	GANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.5	mg/Kg	1	11/4/2020 9:36:19 PM	56183
Motor Oil Range Organics (MRO)	ND	47	mg/Kg	1	11/4/2020 9:36:19 PM	56183
Surr: DNOP	114	30.4-154	%Rec	1	11/4/2020 9:36:19 PM	56183
EPA METHOD 8015D: GASOLINE RANGE					Analyst	NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/5/2020 11:41:37 PM	56177
Surr: BFB	88.3	75.3-105	%Rec	1	11/5/2020 11:41:37 PM	56177
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	11/5/2020 11:41:37 PM	56177
Toluene	ND	0.048	mg/Kg	1	11/5/2020 11:41:37 PM	56177
Ethylbenzene	ND	0.048	mg/Kg	1	11/5/2020 11:41:37 PM	56177
Xylenes, Total	ND	0.097	mg/Kg	1	11/5/2020 11:41:37 PM	56177
Surr: 4-Bromofluorobenzene	93.2	80-120	%Rec	1	11/5/2020 11:41:37 PM	56177

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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Client: Safety	& Environmental Solutions			
Project: Devon	Big Sinks Draw 25 Fed Com 1	H 2RP 419		
Sample ID: MB-56258	SampType: mblk	TestCode: EPA Method	300.0: Anions	
Client ID: PBS	Batch ID: 56258	RunNo: 73173		
Prep Date: 11/6/2020	Analysis Date: 11/6/2020	SeqNo: 2575833	Units: <b>mg/Kg</b>	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	ND 1.5			
Sample ID: LCS-56258	SampType: Ics	300.0: Anions		
Client ID: LCSS	Batch ID: 56258	RunNo: 73173		
Prep Date: 11/6/2020	Analysis Date: 11/6/2020	SeqNo: 2575835	Units: <b>mg/Kg</b>	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Chloride	14 1.5 15.00	0 91.5 90	110	

#### Qualifiers:

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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2011060

10-Nov-20

WO#:

#### **Released to Imaging: 2/7/2023 10:34:15 AM**

Client: Safety	& Environmental Solutions						
Project: Devon	Big Sinks Draw 25 Fed Com 1	H 2RP 419					
Sample ID: MB-56183	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID: PBS	Batch ID: 56183	RunNo: 73122					
Prep Date: 11/3/2020	Analysis Date: 11/4/2020	SeqNo: 2571825	Jnits: 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				
Sample ID: LCS-56183     SampType: LCS     TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID: 56183	RunNo: 73122					
Prep Date: 11/3/2020	Analysis Date: 11/4/2020	SeqNo: 2571826	Jnits: <b>mg/Kg</b>				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Diesel Range Organics (DRO)	49 10 50.00	0 97.7 70	130				
Surr: DNOP	5.1 5.000	101 30.4	154				
Sample ID: LCS-56174	SampType: LCS	TestCode: EPA Method 80	015M/D: Diesel Range Organics				
Client ID: LCSS	Batch ID: 56174	RunNo: 73123					
Prep Date: 11/3/2020	Analysis Date: 11/4/2020	SeqNo: 2572317	Jnits: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: DNOP	5.3 5.000	106 30.4	154				
Sample ID: MB-56174	SampType: MBLK	TestCode: EPA Method 80	015M/D: Diesel Range Organics				
Client ID: PBS	Batch ID: 56174	RunNo: 73123					
Prep Date: 11/3/2020	Analysis Date: 11/4/2020	SeqNo: 2572319	Jnits: %Rec				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD RPDLimit Qual				
Surr: DNOP	12 10.00	116 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 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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2011060

10-Nov-20

WO#:

•	k Environm Big Sinks D			H 2RP 419						
Sample ID: mb-56177	SampType: MBLK		Tes	TestCode: EPA Method 8015D: Gasoline Range						
Client ID: PBS	Batch ID: 56177 RunNo: 73150									
Prep Date: 11/3/2020	Analysis [	Date: 11	/5/2020	S	SeqNo: 2	573162	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	890		1000		89.3	75.3	105			
Sample ID: Ics-56177	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range									
Client ID: LCSS	Batc	h ID: <b>56</b>	177	RunNo: <b>73150</b>						
Prep Date: 11/3/2020	Analysis [	Date: 11	/5/2020	S	SeqNo: 2	573163	Units: <b>mg/K</b>	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	90.2	72.5	106			
Surr: BFB	960		1000		96.4	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 Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

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- 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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WO#:

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# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

•	& Environm Big Sinks D			H 2RP 419						
Sample ID: mb-56177	Samp	Гуре: <b>МЕ</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volat	tiles		
Client ID: PBS	Batc	h ID: 56	177	F	unNo: 7	3150				
Prep Date: 11/3/2020	Analysis [	Date: 11	/5/2020	S	eqNo: 2	573202	Units: mg/K	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.94		1.000		94.2	80	120			
Sample ID: LCS-56177	Samp	Гуре: <b>LC</b>	S	Tes	tCode: EF	PA Method 8021B: Volatiles				
Client ID: LCSS	Batc	h ID: 56	177	F	anNo: 7	3150				
Prep Date: 11/3/2020	Analysis [	Date: 11	/5/2020	S	eqNo: 2	573203	Units: mg/K	٤g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.0	80	120			
Toluene	0.95	0.050	1.000	0	95.4	80	120			
Ethylbenzene	0.96	0.050	1.000	0	95.7	80	120			
Xylenes, Total	2.9	0.10	3.000	0	96.6	80	120			
Giorioo, rotai				-						

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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WO#:

#### Released to Imaging: 2/7/2023 10:34:15 AM

1 420 100 01 140	Page	108	of 120
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HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com				Page 1 Sample Log-In Check List		
Client Name: Safety & Environmental Solutions	Work Order Number:	201	1060			RcptN	o: 1
Received By: Emily Mocho	11/3/2020 8:00:00 AM						
Completed By: Desiree Dominguez	11/3/2020 9:00:08 AM			TP	2		
Reviewed By: ENH	11/3/20				×.		
Chain of Custody							
1. Is Chain of Custody complete?		Yes		No		Not Present	
2. How was the sample delivered?		<u>Cou</u>	rier				
Log In							
3. Was an attempt made to cool the samples?		Yes	~	No		NA 🗌	
4. Were all samples received at a temperature of $>0^{\circ}$ C to $6.0^{\circ}$ C		Yes	~	No			
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			V		
						# of preserved bottles checked	
11. Does paperwork match bottle labels?		Yes		No	$\Box$	for pH:	
(Note discrepancies on chain of custody)			-				or >12 unless noted)
12. Are matrices correctly identified on Chain of Custody?		Yes		No	-	Adjusted?	
13. Is it clear what analyses were requested? 14. Were all holding times able to be met?		Yes	<ul> <li></li> <li></li> </ul>	No	E .	Checked by:	DAD 11/3/20
(If no, notify customer for authorization.)		Yes	V	No		Checked by.	UTD 4/3/20
Special Handling (if applicable)							
15. Was client notified of all discrepancies with thi	s order?	Yes		No		NA 🗹	
Person Notified:	Date:	-					
By Whom:	Via:	eM	ail 🗌 P	hone	] Fax	In Person	
Regarding:					-		
Client Instructions:							
16. Additional remarks:							
the second s	l Intact Seal No S	eal D	ate	Signed	Ву		
1 2.4 Good Yes 2 3.9 Good Yes							

Page 1 of 1

Received by OCD: 12/5/2022 T	:2/:43 AM		Page 109 of 120
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	8081 Pesticides/8082 PCB's EDB (Method 504.1) PAHs by 8310 or 8270SIMS CI, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> 8260 (VOA) 8270 (Semi-VOA) Total Coliform (Present/Absent)		Time:     Relinquished by     Received by     Via:     Date     Time       1600     New     New     Received by:     Via:     Date     Time       Time:     Refinquished by:     New     New     New       Time:     Refinquished by:     Nia:     Date     Time       Time:     Refinquished by:     Nia:     Date     Time       Time:     Refinquished by:     Nia:     Date     Time       1700     New     Nia:     Date     Time       1710     Nia:     Nia:     Date     Time       1710     Nia:     Nia:     Nia:     Nia:       1711     Nia:     Nia:     Nia:     Nia:       1711
490. Tel.	ВТЕХ / МТВЕ / ТМВ's (8021) ТРН:8015D(GRO / DRO / МRO)		Remarks:
ine: Sday nego Rush Sday nego Devor Sevon 20-010	ager: $R$ M, $RP$ $F$ $PP$ $PRRRRRRRR$	100- 100- 1003	a: Date Time I $    = \frac{1}{2} \sum    \varphi    \varphi$ a: Date Time i.e. $    = \frac{1}{2} \sum    \varphi    \varphi$ bate Time i.e. $    = \frac{1}{2} \sum    \varphi    \varphi$
Turn-Around Tirr Project Name: Big Sim C Project #: Project #:	Project Manager: <i>AMM</i> , Sampler: <i>NMM</i> , On Ice: <i>N</i> ves # of Coolers: <i>2</i> Cooler Temp(Induding CF): Container Type and # Type		Received by Via: Received by: Via: 7 M COULTIER
Chain-of-Custody Record :. Syld + Evil Unsurrund g Address: 70 3 2. Cluthon leths NUN 8220 e#: 575-397-0570	□ Level 4 (Full Validation) Compliance er Sample Name	SP-14 14 Roth WW	Relinquished by Relinquished by Reinquished by:
Client: Sud 4 ( Client: Sud 4 ( Mailing Address: 7 Ne labs N.	or Fax#: C Package: andard ditation: LAC D (Type) Time	28 1202 V 28 1202 V 28 1200 V	
			Date:



November 10, 2020

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

RE: Devon Big Sinks Draw 25 Fed Com 1H

OrderNo.: 2011068

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 2 sample(s) on 11/3/2020 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

Project: Lab ID:

**CLIENT:** Safety & Environmental Solutions

2011068-001

Analytical Report
Lab Order 2011068

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H

Client Sample ID: SP-6 1 Ft Bottom Collection Date: 10/29/2020 1:10:00 PM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	JMT
Chloride	ND	60	mg/Kg	20	11/9/2020 5:51:08 PM	56321
EPA METHOD 8015M/D: DIESEL RANGE O	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	8.7	mg/Kg	1	11/5/2020 6:41:54 PM	56195
Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	11/5/2020 6:41:54 PM	56195
Surr: DNOP	85.2	30.4-154	%Rec	1	11/5/2020 6:41:54 PM	56195
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/6/2020 10:44:53 PM	56185
Surr: BFB	92.1	75.3-105	%Rec	1	11/6/2020 10:44:53 PM	56185
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	0.027	0.025	mg/Kg	1	11/6/2020 10:44:53 PM	56185
Toluene	ND	0.049	mg/Kg	1	11/6/2020 10:44:53 PM	56185
Ethylbenzene	ND	0.049	mg/Kg	1	11/6/2020 10:44:53 PM	56185
Xylenes, Total	ND	0.099	mg/Kg	1	11/6/2020 10:44:53 PM	56185
Surr: 4-Bromofluorobenzene	97.9	80-120	%Rec	1	11/6/2020 10:44:53 PM	56185

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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Project: Lab ID:

**CLIENT:** Safety & Environmental Solutions

2011068-002

Analytical Report
Lab Order 2011068

Date Reported: 11/10/2020

### Hall Environmental Analysis Laboratory, Inc.

Devon Big Sinks Draw 25 Fed Com 1H

Client Sample ID: H-7 North Wall Collection Date: 10/29/2020 1:30:00 PM Received Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL Q	ual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: ЈМТ
Chloride	ND	60	mg/Kg	20	11/9/2020 6:03:33 PM	56321
EPA METHOD 8015M/D: DIESEL RANGE OI	RGANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/5/2020 7:05:53 PM	56195
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	1	11/5/2020 7:05:53 PM	56195
Surr: DNOP	86.5	30.4-154	%Rec	1	11/5/2020 7:05:53 PM	56195
EPA METHOD 8015D: GASOLINE RANGE					Analyst	RAA
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	11/6/2020 11:08:17 PM	56185
Surr: BFB	94.4	75.3-105	%Rec	1	11/6/2020 11:08:17 PM	56185
EPA METHOD 8021B: VOLATILES					Analyst	RAA
Benzene	0.034	0.024	mg/Kg	1	11/6/2020 11:08:17 PM	56185
Toluene	ND	0.049	mg/Kg	1	11/6/2020 11:08:17 PM	56185
Ethylbenzene	ND	0.049	mg/Kg	1	11/6/2020 11:08:17 PM	56185
Xylenes, Total	ND	0.097	mg/Kg	1	11/6/2020 11:08:17 PM	56185
Surr: 4-Bromofluorobenzene	99.9	80-120	%Rec	1	11/6/2020 11:08:17 PM	56185

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
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- ND Not Detected at the Reporting Limit
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- 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.

	y & Environme on Big Sinks Dr			H						
Sample ID: MB-56321	SampT	ype: <b>mb</b>	olk	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: PBS	Batch	D: 56	321	F	RunNo: <b>7</b> :	3210				
Prep Date: 11/9/2020	Analysis D	ate: 11	/9/2020	S	SeqNo: 2	576427	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-56321	SampT	ype: Ics	;	Tes	tCode: El	PA Method	300.0: Anion	s		
Client ID: LCSS	Batch	D: 56	321	F	RunNo: 7	3210				
Prep Date: 11/9/2020	Analysis D	ate: 11	/9/2020	S	SeqNo: 2	576430	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	92.5	90	110			

#### Qualifiers:

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

•	& Environm Big Sinks D			Н						
Sample ID: MB-56195	Samp	Гуре: МЕ	BLK	Tes			8015M/D: Die	esel Range	e Organics	
Client ID: PBS Prep Date: 11/4/2020	Batc Analysis [	h ID: <b>56</b> Date: <b>1</b> 1			RunNo: 73 SeqNo: 25		Units: <b>mg/K</b>	g		
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	9.5		10.00		95.4	30.4	154			
Sample ID: LCS-56195	Samp	Гуре: <b>LC</b>	S	Tes	tCode: EF	A Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batc	h ID: 56	195	F	unNo: 73	3122				
Prep Date: 11/4/2020	Analysis I	Date: 11	/5/2020	S	eqNo: 25	73229	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.4	70	130			
Surr: DNOP	4.4		5.000		87.7	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 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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10-Nov-20

**Client:** 

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

Safety & Environmental Solutions

•	Big Sinks Draw 25 Fed Com 11	Н		
Sample ID: Ics-56185	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	9
Client ID: LCSS	Batch ID: 56185	RunNo: 73179		
Prep Date: 11/3/2020	Analysis Date: 11/6/2020	SeqNo: 2574317	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 88.6 72.5	106	0
Surr: BFB	1100 1000	108 75.3	105	S
Sample ID: mb-56185	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range	3
Client ID: PBS	Batch ID: 56185	RunNo: 73179		
Prep Date: 11/3/2020	Analysis Date: 11/6/2020	SeqNo: 2574320	Units: mg/Kg	
Analyte		SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 970 1000	97.5 75.3	105	
Sample ID: mb-56250	SampType: MBLK		8015D: Gasoline Range	9
Client ID: PBS	Batch ID: 56250	RunNo: 73203		
Prep Date: 11/6/2020	Analysis Date: 11/7/2020	SeqNo: 2574783	Units: %Rec	
Analyte Surr: BFB	Result PQL SPK value 950 1000	SPK Ref Val %REC LowLimit 94.6 75.3	HighLimit %RPD 105	RPDLimit Qual
		34.0 73.3	100	
Sample ID: Ics-56250	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	9
Client ID: LCSS	Batch ID: 56250	RunNo: <b>73203</b>		
Prep Date: 11/6/2020	Analysis Date: 11/7/2020	SeqNo: 2574784	Units: %Rec	
Analyte		SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Surr: BFB	1000 1000	103 75.3	105	
Sample ID: mb-56254	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range	9
Client ID: PBS	Batch ID: 56254	RunNo: 73203		
Prep Date: 11/6/2020	Analysis Date: 11/8/2020	SeqNo: 2574807	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Surr: BFB	940 1000	94.1 75.3	105	
Sample ID: Ics-56254	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	3
Client ID: LCSS	Batch ID: 56254	RunNo: 73203		
Prep Date: 11/6/2020	Analysis Date: 11/8/2020	SeqNo: 2574808	Units: %Rec	
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Surr: BFB	1000 1000	102 75.3	105	

#### Qualifiers:

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

Analy	/te	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPI
Surr:	4-Bromofluorobenzene	1.0		1.000		102	80	120		
Samp	ole ID: mb-56254	Samp	Гуре: <b>М</b>	BLK	Test	tCode: EF	PA Method	8021B: Volat	iles	
Clien	t ID: PBS	Batc	Batch ID: 56254 RunNo: 73203							
Prep	Date: 11/6/2020	Analysis I	Date: 1	1/8/2020	S	SeqNo: 2	574982	Units: %Re	•	
Analy	/te	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	Light imit	%RPD	RPI
	10	rtooun	, ar		<b>e</b>		LOWLINI	HighLimit	70KFD	
Surr:	4-Bromofluorobenzene	0.99		1.000		99.2	80	120	%RFU	
Qualif	4-Bromofluorobenzene	0.99				99.2	80	120	70RFD	
Qualif	4-Bromofluorobenzene <b>Tiers:</b> Value exceeds Maximum Contam	0.99			B Analyte det	99.2	80 ssociated Method	120		
Jualif * D	4-Bromofluorobenzene <b>Ters:</b> Value exceeds Maximum Contam Sample Diluted Due to Matrix	0.99			B Analyte det E Value abov	99.2	80 ssociated Method range	120 I Blank	70KFU	
Qualif * D H	4-Bromofluorobenzene Tiers: Value exceeds Maximum Contam Sample Diluted Due to Matrix Holding times for preparation or a	0.99 inant Level. analysis exceeded			B Analyte det E Value abov J Analyte det	99.2	80 ssociated Methoo range yuantitation limits	120 I Blank	70KF U	
Jualif * D	4-Bromofluorobenzene <b>Ters:</b> Value exceeds Maximum Contam Sample Diluted Due to Matrix	0.99 inant Level. analysis exceeded			B Analyte det E Value abov J Analyte det	99.2 tected in the are re quantitation tected below q Not In Range	80 ssociated Methoo range yuantitation limits	120 I Blank	70KFU	

WO#: 2011068

•	& Environmental So Big Sinks Draw 25 I		Н						
Sample ID: LCS-56185	SampType: LC	s	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch ID: 561	185	R	unNo: 73	3179				
Prep Date: 11/3/2020	Analysis Date: 11	/6/2020	S	eqNo: 2	574369	Units: mg/Kg	a		
Analyte	Result PQL		SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95 0.025	1.000	0	95.2	80	120			
Toluene	0.98 0.050	1.000	0	98.3	80	120			
Ethylbenzene	0.98 0.050	1.000	0	97.9	80	120			
Xylenes, Total	2.9 0.10	3.000	0	98.1	80	120			
Surr: 4-Bromofluorobenzene	1.0	1.000		104	80	120			
Sample ID: mb-56185	SampType: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 56	185	R	lunNo: 73	3179				
Prep Date: 11/3/2020	Analysis Date: 11	/6/2020	S	eqNo: 2	574372	Units: mg/Kg	9		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND 0.025								
Toluene	ND 0.050								
Ethylbenzene	ND 0.050								
Xylenes, Total	ND 0.10								
Surr: 4-Bromofluorobenzene	1.0	1.000		102	80	120			
Sample ID: mb-56250	SampType: ME	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 562	250	R	unNo: 73	3203				
Prep Date: 11/6/2020	Analysis Date: 11	/7/2020	S	eqNo: 2	574958	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0	1.000		101	80	120			
Sample ID: LCS-56250	SampType: LC	S	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: LCSS	Batch ID: 562	250	R	unNo: 73	3203				
Prep Date: 11/6/2020	Analysis Date: 11	/7/2020	S	eqNo: 2	574959	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0	1.000		102	80	120			
Sample ID: mb-56254	SampType: <b>ME</b>	BLK	Tes	tCode: EF	PA Method	8021B: Volati	les		
Client ID: PBS	Batch ID: 562	254	R	unNo: 73	3203				
Prep Date: 11/6/2020	Analysis Date: 11	/8/2020	S	eqNo: 2	574982	Units: %Rec			
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99	1.000		99.2	80	120			

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	ety & Environm on Big Sinks D			Н						
Sample ID: LCS-56254	Samp	ype: LC	s	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batc	n ID: 56	254	F	RunNo: 73	3203				
Prep Date: 11/6/2020	Analysis [	Date: 1	1/8/2020	5	SeqNo: 2	574983	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	0.99		1.000		99.0	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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10-Nov-20

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ANALYSIS	AM Hall Environm TEL: 505-345. Website: clier	490 Albuquerq -3975 FAX:	l Hawkins N ue, NM 8710 505-345-410	9 Sar	nple Log-In (	Pa Check Lis
Client Name: Safety & Environme Solutions	ental Work Order Nur	mber: 2011	068		RcptN	o: 1
Received By: Emily Mocho	11/3/2020 8:00:00	D AM				
Completed By: Emily Mocho	11/3/2020 9:35:06	5 AM				
Reviewed By: ENM	11/3/2D					
Chain of Custody						
1. Is Chain of Custody complete?		Yes	V	No 🗌	Not Present	
2. How was the sample delivered?		Cour	ier			
Log In						
3. Was an attempt made to cool the	samples?	Yes	V	No 🛄	NA 🗔	
4. Were all samples received at a ten	nperature of >0° C to 6.0°C	Yes	~	No 🗌		
5. Sample(s) in proper container(s)?		Yes	~	No 🗌		
6. Sufficient sample volume for indica	ted test(s)?	Yes	V	No 🗌		
7. Are samples (except VOA and ONG	G) properly preserved?	Yes	$\checkmark$	No 🗌		
8. Was preservative added to bottles?	, ,	Yes		No 🗹	NA 🗌	
9. Received at least 1 vial with heads	pace <1/4" for AQ VOA?	Yes		No 🗌	NA 🔽	
10, Were any sample containers recei	ved broken?	Yes		No 🔽	# of preserved	/
11. Does paperwork match bottle label (Note discrepancies on chain of cu		Yes	~	No 🗌	bottles checked for pH:	or >12 unless not
12. Are matrices correctly identified on		Yes	V	No 🗌	Adjusted?	
13. Is it clear what analyses were reque		Yes	~	No 🗌	1	
<ol> <li>Were all holding times able to be m (If no, notify customer for authoriza)</li> </ol>		Yes	V	No 🗌	Checked by:	DAD 11/31
Special Handling (if applicable	<u>e)</u>					
15. Was client notified of all discrepan	cies with this order?	Yes		No 🗌	NA 🔽	
Person Notified:	Date	e:				
By Whom:	Via:	eMa	iil 🗌 Phor	ne 🗌 Fax	In Person	
Regarding:						
Client Instructions:						
16. Additional remarks:						
17. <u>Cooler Information</u> Cooler No Temp °C Cond 1 2.4 Good 2 3.9 Good	ition Seal Intact Seal No Yes	Seal Da	ate Sig	gned By		

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Received by OCD: 12/5/2022 1	0:27:45 AM	Page 119 of 120
<ul> <li>HALL ENVIRONMENTAL</li> <li>HALL ENVIRONMENTAL</li> <li>ANALYSIS LABORATORY</li> <li>ANALYSIS LABORATORY</li> <li>ANALYSIS LABORATORY</li> <li>ANALYSIS LABORATORY</li> <li>Tel. 505-345-3975</li> <li>Fax 505-345-4107</li> <li>Analysis Request</li> </ul>	(1508) a'BrX / MEB / TMB's (8021)         (PCM / ORO / ORO / MRO)         TPH:8015D(GRO / DRO / MRO)         (PCM / ORO / S015D(GRO / DRO / MRO)         BS015D(GRO / DRO / S015D)         BS15D(GRO / DRO / S015D)	Remarks: Deuden Sead intact Em 113/20 Deschilte And entered data will be clearly notated on the analytical remot
Turn-Around Time: Sharp rugh -Standard Bush Project Name: Deven Big Sucks Druw 25 Fiel Cim /H Project #:	Project Manager: M.M. R.K. Sampler: a drum on Ice: Types cooler Templineting cF): 2, 470-2, 4 (°C) Container Preservative HEAL No. Type and # Type Container New 001 001 001 002 002	Date Time Date Time Date Time 11/3/20 800
Client: Souly F Encloy Record Client: Souly + Encloonment	Type)	Date:     Time:     Relinquished by:       13     1600     7     7       Date:     Time:     Refinquished by:     Na:       Date:     Time:     Refinquished by:     Via:       It     7     700     700       It     700     200     200

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	163737
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/7/2023

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Action 163737