Received by OCD: 11/14/2022 2:43:01 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

	rage 1 of 1.
Incident ID	nab1809357021
District RP	
Facility ID	
Application ID	

Closure

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

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

	•									
A scaled site and sampling diagram as described in 19.15.29	.11 NMAC									
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)										
☐ Laboratory analyses of final sampling (Note: appropriate Of	OC District office must be notified 2 days prior to final sampling)									
☐ Description of remediation activities										
and regulations all operators are required to report and/or file certa may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	conditions. The responsible party acknowledges they must substantially conditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete.									
Signature: Dale Woodall										
Signature: Value Woodaace	Date:11/14/2022									
email: dale.woodall@dvn.com	Telephone:575-748-1838									
OCD Only										
Received by: OCD	Date:11/14/2022									
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.										
Closure Approved by:	Date:									
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													
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes					
AH1 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND					
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 Hori	zontal Exte	nt 10/6/20	for 2RP-419	4 & 2RP-4415						
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes					
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'	AH1@1' 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	94	100	ND	ND	ND	ND	ND
AH4 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
	Hall	Environn	nental Lab	s Horizont	al Extent 10/	6/20 for 21	RP-4687	
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
SMIVIF LL ID	Cilioriae	DICO	141110	U.C	Denzene	Tolucile	Luiyi belizelle	Total Aylenes
H-5 North	ND	ND	ND	ND	ND	ND	ND ND	ND ND
		_					•	•
H-5 North	ND	ND	ND	ND	ND	ND	ND	ND
H-5 North H-6 West	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
H-5 North H-6 West H-7 East	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND	ND ND ND
H-5 North H-6 West H-7 East H-8 West	ND ND ND ND	ND ND ND	ND ND ND	ND ND ND ND	ND ND ND ND	ND ND ND	ND ND ND ND	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 benzene	Total Xylenes		
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		

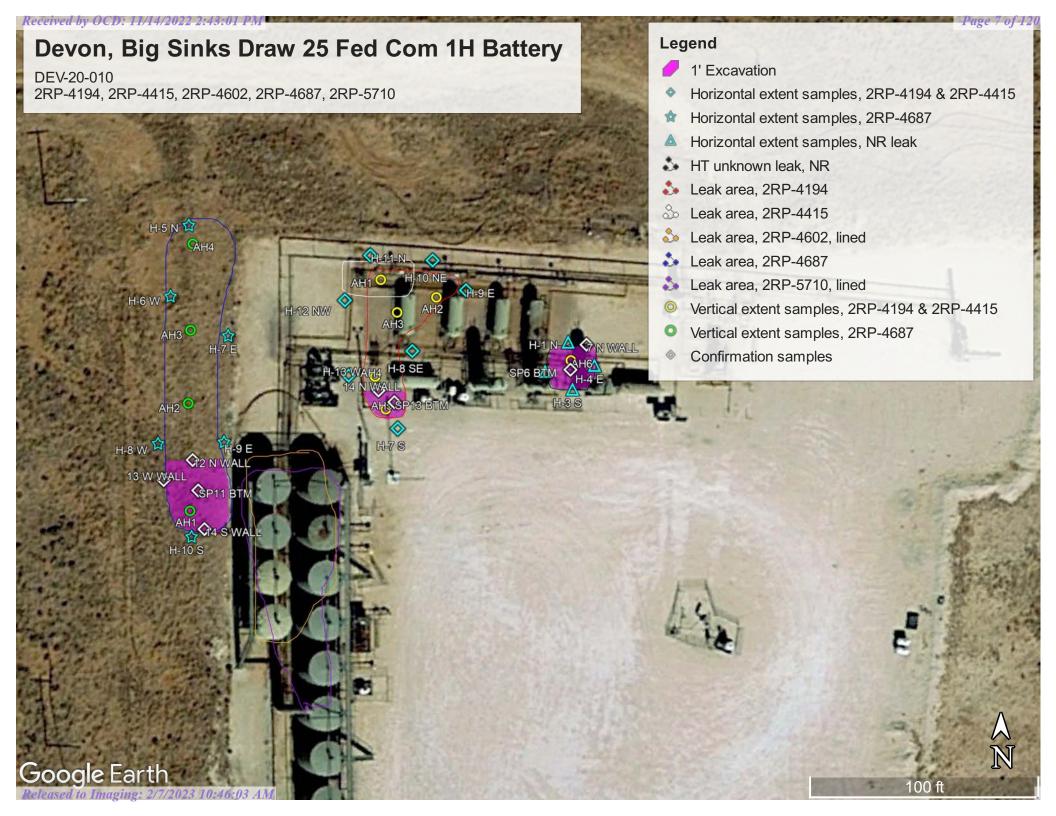
Once sample results verified both successful remediation and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

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





USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	▼	New Mexico	•	GO

Click to hideNews Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 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

Table of data

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

<u>Tab-separate</u>	ed 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	7	D	318.02			2	. P	U	J	
2013-01-17	7 12:40 MST	m					D	S	S USGS	5

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

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	Α	Approved for publication Processing and review completed.

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

FOIA Accessibility Privacy Plug-Ins Policies and Notices

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?

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



Received by OCD: 11/14/2022 2:43:01 PM

Devon Energy

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

32.102021, -103.739154

Page 10 of 120

High

Low

Medium

32.102021, -103.739154

× N

Devon Energy Big Sinks Draw 25 Fed Com 1H Excavation & Remediation









Devon Energy

Big Sinks Draw 25 Fed Com 1H Excavation & Remediation



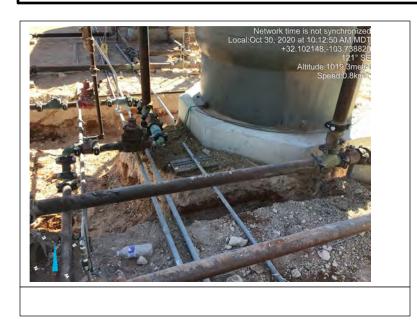






Devon Energy

Big Sinks Draw 25 Fed Com 1H Excavation & Remediation









Devon Energy

Big Sinks Draw 25 Fed Com 1H Excavation & Remediation









Devon Energy

Big Sinks Draw 25 Fed Com 1H Excavation & Remediation











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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-1 Surface

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 12:15:00 PM

 Lab ID:
 2002910-001
 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 8:11:05 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 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

- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-1 1Ft

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 12:25:00 PM

 Lab ID:
 2002910-002
 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				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
- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-2 Surface

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 12:35:00 PM

 Lab ID:
 2002910-003
 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 8:35:48 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-2 1Ft

Project: Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 12:36:00 PM

 Lab ID: 2002910-004
 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 ORG	ANICS				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

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Date Reported: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-3 Surface

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 12:45:00 PM

 Lab ID:
 2002910-005
 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 ORG	ANICS				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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-3 1Ft

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 12:47:00 PM

 Lab ID:
 2002910-006
 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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Date Reported: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-4 Surface

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 1:05:00 PM

 Lab ID:
 2002910-007
 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 10:14:33 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-4 1Ft

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 1:10:00 PM

 Lab ID:
 2002910-008
 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 10:26:54 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG				Analyst	BRM	
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	2/25/2020 2:02:26 AM	50593
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	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	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	1	2/24/2020 9:58:49 PM	50586
Toluene	ND	0.049	mg/Kg	1	2/24/2020 9:58:49 PM	50586
Ethylbenzene	ND	0.049	mg/Kg	1	2/24/2020 9:58:49 PM	50586
Xylenes, Total	ND	0.098	mg/Kg	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

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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-5 Surface

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 1:15:00 PM

 Lab ID:
 2002910-009
 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 10:39:16 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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

- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-5 1Ft

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 1:25:00 PM

 Lab ID:
 2002910-010
 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 10:51:35 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-6 Surface

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 1:35:00 PM

 Lab ID:
 2002910-011
 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 11:03:56 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
- 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: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-6 1Ft

 Project:
 Big Sink Draw 25 2 RP-4194 2RP-4415
 Collection Date: 2/17/2020 1:40:00 PM

 Lab ID:
 2002910-012
 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 11:16:16 PM	50639
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002910**

28-Feb-20

Client: Safety & Environmental Solutions

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

Sample ID: MB-50639 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 50639 RunNo: 66754

Prep Date: 2/24/2020 Analysis Date: 2/24/2020 SeqNo: 2295479 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-50639 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 50639 RunNo: 66754

Prep Date: 2/24/2020 Analysis Date: 2/24/2020 SeqNo: 2295481 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.0 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002910**

28-Feb-20

Client: Safety & Environmental Solutions

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

Sample ID: 2002910-007AMS	SampT	ype: M \$	S	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: AH-4 Surface	Batch	ID: 50	593	R	lunNo: 60	6740				
Prep Date: 2/21/2020	Analysis Da	ate: 2/	/25/2020	S	SeqNo: 22	295372	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range 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: 2002910-007AMSI	SampT	ype: M \$	SD	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: AH-4 Surface	Batch	ID: 50	593	R	lunNo: 60	6740				
Prep Date: 2/21/2020	Analysis Da	ate: 2/	/25/2020	S	SeqNo: 22	295374	Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range 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	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	ID: 50	592	R	unNo: 60	6740				
Prep Date: 2/21/2020	Analysis Da	ate: 2/	/24/2020	S	SeqNo: 22	295413	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range 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	ype: LC	s	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	ID: 50	593	R	lunNo: 60	6740				
Prep Date: 2/21/2020	Analysis Da	ate: 2/	/25/2020	S	SeqNo: 22	295415	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range 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	ype: ME	BLK	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	ID: 50	592	R	tunNo: 60	6740				
			10.4.10000	_		205440	Units: mg/K	· ~		
Prep Date: 2/21/2020	Analysis Da	ate: 2/	24/2020	5	SeqNo: 22	293419	Office. Hig/N	.g		
Prep Date: 2/21/2020 Analyte	Analysis Da	ate: 2/ PQL		SPK Ref Val			HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Surr: DNOP

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix

Motor Oil Range Organics (MRO)

H Holding times for preparation or analysis exceeded

ND

8.2

50

10.00

- 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

81.9

55.1

146

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

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Hall Environmental Analysis Laboratory, Inc.

Batch ID: 50643

Analysis Date: 2/26/2020

Result

5.3

WO#: **2002910 28-Feb-20**

Client: Safety & Environmental Solutions
Project: Big Sink Draw 25 2 RP-4194 2RP-4415

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

Sample ID: MB-50643	SampT	ype: MI	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 50	643	F	RunNo: 6	6803				
Prep Date: 2/25/2020	Analysis D	ate: 2/	/26/2020	S	SeqNo: 2	297434	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		120	55.1	146			

SPK value SPK Ref Val %REC

5.000

RunNo: 66803

106

SeqNo: 2297433

LowLimit

55.1

Units: **%Rec**HighLimit

146

%RPD

RPDLimit

Qual

Qualifiers:

Client ID: LCSS

Analyte

Surr: DNOP

Prep Date: 2/25/2020

- 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002910**

28-Feb-20

Client: Safety & Environmental Solutions

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

Sample ID: mb-50586 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294758 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 800 1000 80.2 66.6 105

Sample ID: Ics-50586 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294759 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 93.7 80 120

Surr: BFB 930 1000 93.0 66.6 105

Sample ID: 2002910-002ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: AH-1 1Ft Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294762 Units: mg/Kg

Result PQL SPK value SPK Ref Val HighLimit %RPD **RPDLimit** Analyte %REC LowLimit 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: 2002910-002amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: AH-1 1Ft Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294763 Units: mg/Kg

SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Result PQL LowLimit Qual Gasoline Range Organics (GRO) 19 24.04 77.4 142 12.8 4.8 69.1 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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002910 28-Feb-20**

Client: Safety & Environmental Solutions

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

Sample ID: mb-50586 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294795 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

 Benzene
 ND
 0.025

 Toluene
 ND
 0.050

 Ethylbenzene
 ND
 0.050

 Xylenes, Total
 ND
 0.10

Surr: 4-Bromofluorobenzene 0.87 1.000 87.3 80 120

Sample ID: LCS-50586 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020	Analysis D	Date: 2/	24/2020	\$	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 SampType: MS TestCode: EPA Method 8021B: Volatiles

Client ID: AH-1 Surface Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020	Analysis [Date: 2/	24/2020	S	SeqNo: 2	294798	Units: mg/k	(g		
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: 2002910-001amsd SampType: MSD TestCode: EPA Method 8021B: Volatiles

Client ID: AH-1 Surface Batch ID: 50586 RunNo: 66747

Prep Date: 2/21/2020	Analysis D	oate: 2/	24/2020	S	SeqNo: 2	294799	Units: mg/K	g		
Analyte	Result	PQL	SPK value	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

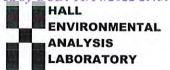
E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

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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

Sample Log-In Check List

Client Name:	Safety Env	Solutions	Work	Order Numb	per: 200	2910		RcptNo:	1
Received By:	Juan	Pojas	2/21/20	20 8:00:00 /	AM				
Completed By:	Erin Mele	ndrez	2/21/20	20 8:36:10 /	AM		in all		
Reviewed By:	46 2	21/20							
Chain of Cus	stody								
1. Is Chain of C	Custody suffici	ently complete	e?		Yes	~	No 🗌	Not Present	
2. How was the	sample deliv	ered?			Cou	rier			
Log In									
3. Was an atter	mpt made to c	ool the sampl	es?		Yes	V	No 🗌	NA 🗌	
4. Were all sam	ples received	at a temperat	ure of >0° C	to 6.0°C	Yes	V	No 🗌	NA 🗆	
5. Sample(s) in	proper contai	ner(s)?			Yes	V	No 🗌		
6. Sufficient san	nple volume f	or indicated te	st(s)?		Yes	V	No 🗌		
7. Are samples	(except VOA	and ONG) pro	perly preserve	ed?	Yes	✓	No 🗌		
8. Was preserva	ative added to	bottles?			Yes		No 🗸	NA 🗆	
9. Received at le	east 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes		No 🗆	NA 🗸	/
10. Were any sa	mple containe	ers received b	roken?		Yes		No 🗸	# of preserved	
11. Does paperw (Note discrep		tle labels? ain of custody)			Yes	V	No 🗆		>12 unless noted)
12. Are matrices	correctly iden	tified on Chair	of Custody?		Yes	~	No 🗌	Adjusted?	
13. Is it clear wha			?		Yes	~	No 🗌		10 1-100
14. Were all hold (If no, notify o					Yes	V	No 🗆	Checked by:	1/2 2/21/20
Special Hand	ling (if app	licable)					~		
15. Was client no	otified of all di	screpancies v	vith this order?	>	Yes		No 🗆	NA 🗹	
Person	Notified:		O'r Service and Advances of the	Date	Г	***************************************			
By Wh	om:			Via:	□ еМ	ail 🗌	Phone Fax	☐ In Person	
Regard	ding:		Name of Street, Street		-			THE PERSON NAMED IN COLUMN 1	
Client I	Instructions:								
16. Additional re	emarks:								
17. Cooler Info	rmation								
Cooler No		Condition	Seal Intact	Seal No	Seal D	ate	Signed By		
1	2.6	Good							
2	0.1	Good							

Chain-of-Custody Record	Turn-Around Time:	
Client:	∑ Standard □ Rush	HALL ENVIRONMENTAL AND ATOPY OF PRINCIPLE AND ATOPY OF THE PRINCIPLE AND AT
o Im	::	
Mailing Address: 703 E. Cliftol	2R2-4944 2R2-4415	37109
M.N Sacold	11/00	5 Fax 505-345-4107
Phone #: 5 75-397-0570	UEV-20-010	Analysis Request
email or Fax#:	Project Manager:	(%)
OA/QC Package:	184	oCB,² O†'2C N2) O∀'2C
Accreditation) H ((() H () H () H () H () H () H ()
M □ NELAP □ Other	Sampler: A V Sampler: On Ice:	HPT - 1 1 O O O O O O O O
□ EDD (Type)	Temperature: 2.6-0=2.6	(GR 41) d 500 th 400 des 31s d 500 th 400 des 31s d 500 des 31s
		MTET NO STAND NO STAND NO STAND STAN
Date Time Matrix Sample Request ID	Container Preservative HEAL No.	3TEX + M 1PH 8015 1PH 8015 1PH (Method) 1PH 8015 1PH 8015 1P
02/17/25 by AH-1 Sunfeed	100-	
1 125 5 WHI 159	-002	
1235 8 WH2 Super	-00-	
1236 8 WHZ 1FT	h00-	
1245 5 12H3 Surface	500-	
1247 S DH3, 14	1 -0006	
1305 S AH-4, Super	1 1 1	
(1310 S AH-4 (F)	500-	
1315 S AHS Surper	600-	
1325 S MATS 12	010-	
1335 S MH6 Souther	1-011	~~~
1/20	1 -012	2
Date: Time: Reinfquished by:	Received by Date Time R	Remarks:
Time: Relinquishe	, <u>=</u>	Pag
19 19 W	voier 2/21/20 8	e 35 oj
If necessary, samples submitted to Hall Environmental may be subconfine to other accredite	d laboratories.	This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
)



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

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-1 Surface

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 11:20:00 AM

 Lab ID:
 2002912-001
 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	JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:07:59 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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

- 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

Date Reported: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-1 1ft

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 11:25:00 AM

 Lab ID:
 2002912-002
 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	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:20:21 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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

Date Reported: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-2 Surface

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 11:35:00 AM

 Lab ID:
 2002912-003
 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	JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:32:43 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-2 1ft

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 11:40:00 AM

 Lab ID:
 2002912-004
 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	JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:45:05 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-3 Surface

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 11:50:00 AM

 Lab ID:
 2002912-005
 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	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 4:57:27 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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

- 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 5 of 13

Date Reported: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-3 1ft

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 11:55:00 AM

 Lab ID:
 2002912-006
 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	JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 5:09:48 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	2/25/2020 9:27:09 PM	50613
Motor Oil Range Organics (MRO)	ND	49	mg/Kg	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	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	1	2/25/2020 3:38:48 PM	50588
Toluene	ND	0.049	mg/Kg	1	2/25/2020 3:38:48 PM	50588
Ethylbenzene	ND	0.049	mg/Kg	1	2/25/2020 3:38:48 PM	50588
Xylenes, Total	ND	0.098	mg/Kg	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

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 6 of 13

Date Reported: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-4 Surface

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 1:55:00 PM

 Lab ID:
 2002912-007
 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	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 5:22:08 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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

- 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: 2/27/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: AH-4 1ft

 Project:
 Big Sinks Draw 25 2RP 4602 and 2RP 46
 Collection Date: 2/17/2020 2:00:00 PM

 Lab ID:
 2002912-008
 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	: JMT
Chloride	ND	60	mg/Kg	20	2/25/2020 5:34:31 PM	50651
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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

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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002912**

27-Feb-20

Client: Safety & Environmental Solutions

Project: 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 value 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

Client ID: LCSS Batch ID: 50651 RunNo: 66788

Prep Date: 2/25/2020 Analysis Date: 2/25/2020 SeqNo: 2297115 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride 14 1.5 15.00 0 92.1 90 110

Qualifiers:

Value exceeds Maximum Contaminant Level

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2002912 27-Feb-20**

Client: Safety & Environmental Solutions

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

Project: Big Sinks	s Draw 25 2RP	4602 and 2RI	P 4687								
Sample ID: LCS-50593	SampType:	LCS	Tes	TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: LCSS	Batch ID:	50593	F	RunNo: 66740							
Prep Date: 2/21/2020	Analysis Date:	2/25/2020	9	SeqNo: 22	295415	Units: mg/K	(g				
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	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	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: PBS	Batch ID:	50593	F	RunNo: 66	6740						
Prep Date: 2/21/2020	Analysis Date:	2/25/2020	8	SeqNo: 22	295421	Units: mg/K	(g				
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)		10									
Motor Oil Range Organics (MRO) Surr: DNOP	ND 8.4	50 10.00		84.3	55.1	146					
Suil. DNOP	0.4	10.00		64.3	55.1	140					
Sample ID: LCS-50613	SampType:	LCS	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: LCSS	Batch ID:	50613	F	RunNo: 66	6776						
Prep Date: 2/24/2020	Analysis Date:	2/25/2020	\$	SeqNo: 22	295573	Units: mg/K	(g				
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	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	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: PBS	Batch ID:	50613	F	RunNo: 66	6776						
Prep Date: 2/24/2020	Analysis Date:	2/25/2020	8	SeqNo: 22	295575	Units: mg/K	(g				
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)		10									
Motor Oil Range Organics (MRO)		50		400	1	4.40					
Surr: DNOP	10	10.00		102	55.1	146					
Sample ID: 2002912-003AMS	SampType:	MS	Tes	tCode: EF	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: AH-2 Surface	Batch ID:	50613	F	RunNo: 66	6740						
Prep Date: 2/24/2020	Analysis Date:	2/25/2020	5	SeqNo: 22	296994	Units: mg/K	(g				
Analyte	Result PC	L SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics (DRO)		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

- 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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Hall Environmental Analysis Laboratory, Inc.

2002912 27-Feb-20

Qual

WO#:

Client: Safety & Environmental Solutions

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

Sample ID: 2002912-003AMSD SampType: MSD TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: AH-2 Surface Batch ID: 50613 RunNo: 66740

Prep Date: 2/24/2020 Analysis Date: 2/25/2020 SeqNo: 2296995 Units: mg/Kg

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	
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
- 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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Hall Environmental Analysis Laboratory, Inc.

2002912 27-Feb-20

WO#:

Client: Safety & Environmental Solutions

Project: Big Sinks Draw 25 2RP 4602 and 2RP 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) ND 5.0

Surr: BFB 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 0 94.8 80 120

 Gasoline Range Organics (GRO)
 24
 5.0
 25.00
 0
 94.8
 80
 120

 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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Hall Environmental Analysis Laboratory, Inc.

2002912 27-Feb-20

WO#:

Client: Safety & Environmental Solutions

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

Sample ID: mb-50588	SampT	SampType: MBLK			tCode: El	PA Method					
Client ID: PBS	Batch	n ID: 50	588	RunNo: 66771							
Prep Date: 2/21/2020	Analysis D	llysis Date: 2/25/2020			SeqNo: 2296886 Units:			mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene	ND	0.025									
Toluene	ND	0.050									
Ethylbenzene	ND	0.050									
Xylenes, Total	ND	0.10									
Surr: 4-Bromofluorobenzene	0.92		1.000		92.3	80	120				
Sample ID: LCS-50588	SampT	ype: LC	s	Tes	tCode: El	PA Method	8021B: Volat	iles	·	·	

Sample ID: LCS-50588	Sampi	ype: LC	S	I es	tCode: El	A Method	A Method 8021B: Volatiles					
Client ID: LCSS	Batc	n ID: 50 !	588	F	RunNo: 6							
Prep Date: 2/21/2020	Analysis D	Date: 2/ 2	25/2020	8	SeqNo: 2296887 Units: mg/Kg							
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	SampTy	/pe: MB	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: 50 6	628	F	tunNo: 60	6771				
Prep Date: 2/24/2020	Analysis Da	ate: 2/ 2	25/2020	S	SeqNo: 2	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	·	•	•

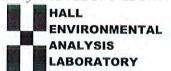
Sample ID: LCS-50628	SampT	ype: LC	s	Tes	tCode: E	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	n ID: 50	628	F	RunNo: 6	6771				
Prep Date: 2/24/2020	Analysis D	oate: 2/	/25/2020	\$	SeqNo: 2	296911	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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

- 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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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name:	Safety Env	Solutions	Work	Order Numbe	er: 200	2912			RcptNo: 1	
Received By: ၂	lucin Ro	ia (2/21/20	20 8:00:00 A	М					
Completed By:	Isaiah Ort		2/21/20	20 8:46:19 A	м		1	-0	24	
Reviewed By:	4621	4/10								
Chain of Cust	ody									
1. Is Chain of Cu	stody suffici	ently comple	te?		Yes	V	No		Not Present	
2. How was the s	sample deliv	ered?			Cou	rier				
Log In										
3. Was an attemp	pt made to o	ool the samp	les?		Yes	V	No		NA 🗌	
4. Were all sample	les received	at a tempera	ture of >0° C t	o 6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in p	roper contai	iner(s)?			Yes	V	No			
6. Sufficient samp	ole volume f	or indicated to	est(s)?		Yes	~	No			
7. Are samples (e	except VOA	and ONG) pro	operly preserve	d?	Yes	~	No			
8. Was preservati	ive added to	bottles?			Yes		No	V	NA 🗆	
9. Received at lea	ast 1 vial wit	h headspace	<1/4" for AQ V	OA?	Yes		No		NA 🗸	
10. Were any sam	ple containe	ers received b	roken?		Yes		No	V	# of preserved	
11. Does paperwor (Note discrepar)		Yes	V	No		bottles checked for pH:	unless noted)
12. Are matrices co	orrectly iden	tified on Chai	n of Custody?		Yes	V	No		Adjusted?	
13. Is it clear what	analyses we	ere requested	1?		Yes	V	No		/	
14. Were all holding (If no, notify custom)					Yes	~	No		Checked by:	2 2 21 20
Special Handli								1		
15. Was client not			with this order?		Yes		No		NA 🗹	
Person N	Notified:			Date:			VIII	-		
By Whor	m:		HIVE STREET SHAWN PLANTS	Via:	□ еМ	ail [Phone] Fax	☐ In Person	
Regardir	ng:					CHARLES OF THE PARTY OF THE PAR				
Client Ins	structions:								and the second of the second of	
16. Additional rem	narks:								,	
17. Cooler Inform	nation									
Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal D	ate	Signed	Ву		
1	2.6	Good	Not Present							
2	0.1	Good	Not Present							

Chain-of-Custody Record	Turn-Around Time:	den		HAL	LEN		NMIN	ENTAL	Received i
)	$\overline{\mathcal{K}}$	WILS DRAW Z	1,0	www.	ANALTSIS www.hallenvironme			LABORALORY	by OC
Builing Address: 703 E. Chista	1607	P. 4687	4901 Hz	4901 Hawkins NE	- 1	Albuquerque, NM 87109	MM 87108	0	C D: 1.
160 M 88240	Project #:	(Tel. 50	505-345-3975	10	< 505-345-4107	5-4107		1/14
Dhone #: \$75-397-0510	UEV-20-01	010			Analysi		.		/202
email or Fax#:	Project Manager:		(ʎʃu		1.0				2 2:
CONOC Package:	Alpu, 18	9	Gas o						43:01 I
	Sampler: Mark	Ż	Hd.	(1.			NO		PM (N
□ NELAP □ Other	On Ice: Tyes	ON 🗆	L+	709	9		(A(1 10
□ EDD (Type)	Sample Temperature: 2	6-0-2.6	BE	g po	stals	əbi			人)
Date Time Matrix Sample Request ID	Container Preservative	6.1-6=6.1 HEAL No.	TM + X TM + X 86158	odieM)	of 68318 BM 8 A D, F) an	Pestic	ime2)		səlqqn
	all the all the	2162007	BTE	EDB	ВСВ	1808			a זiA
02/17/1120 5 12H-1 Supre	men /	100-					<i>></i>		
J1 1-418 8 8211 1	13	7.00-							
1135 4 AH-2 Safer)	-003							
1140 5 147-2 145		-004							
1150 5 1414-3 Sumpre)	-065							
1/65 5 144-3 (4)	,	900-					<u> </u>		
1, 1355 S WHITSOM	,	700-							
02/17/400 S AHY (F)	-	-006	X				2		
,	•								
Date. Time: Rejinquished by:	Received by:)	Date Time 2/20/20/20/20/20/20/20/20/20/20/20/20/20	Remarks:						<i>I</i>
Date: Time: Relinquished by	Received by	Date T							Page 51 o
	confracted to other accredited laboratorie	This serves as notice	possibility. Any sub	-contracted d	ata will be cle	arly notated o	in the analytic	cal report.	f 12
									0



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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/19/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-7 South

 Project:
 Devon Big Sinks Draw 25 Fed Com 1 H
 Collection Date: 10/6/2020 11:00:00 AM

 Lab ID:
 2010510-001
 Matrix: SOIL
 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	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 Solutions Client Sample ID: H-8 South East

Project: Devon Big Sinks Draw 25 Fed Com 1 H
 Collection Date: 10/6/2020 11:35:00 AM

 Lab ID: 2010510-002
 Matrix: SOIL
 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 AM 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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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Date Reported: 10/19/2020

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

Analyses	Result	RL	Qual Units	DF	Date Analyzed Batch
EPA METHOD 300.0: ANIONS					Analyst: CAS
Chloride	63	60	mg/Kg	20	10/15/2020 11:53:16 AM 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/14/2020 2:00:57 PM 55771
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/14/2020 2:00:57 PM 55771
Surr: DNOP	81.5	30.4-154	%Rec	1	10/14/2020 2:00:57 PM 55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	5.0	mg/Kg	1	10/12/2020 2:47:16 PM 55766
Surr: BFB	97.1	75.3-105	%Rec	1	10/12/2020 2:47:16 PM 55766
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.025	mg/Kg	1	10/12/2020 2:47:16 PM 55766
Toluene	ND	0.050	mg/Kg	1	10/12/2020 2:47:16 PM 55766
Ethylbenzene	ND	0.050	mg/Kg	1	10/12/2020 2:47:16 PM 55766
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 2:47:16 PM 55766
Surr: 4-Bromofluorobenzene	100	80-120	%Rec	1	10/12/2020 2:47:16 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

- 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-10 North East

 Project:
 Devon Big Sinks Draw 25 Fed Com 1 H
 Collection Date: 10/6/2020 12:40:00 PM

 Lab ID:
 2010510-004
 Matrix: SOIL
 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 12:05:41 PM 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	11	9.6	mg/Kg	1	10/13/2020 3:01:20 PM 55771
Motor Oil Range Organics (MRO)	68	48	mg/Kg	1	10/13/2020 3:01:20 PM 55771
Surr: DNOP	81.0	30.4-154	%Rec	1	10/13/2020 3:01:20 PM 55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	10/12/2020 3:10:41 PM 55766
Surr: BFB	98.7	75.3-105	%Rec	1	10/12/2020 3:10:41 PM 55766
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.024	mg/Kg	1	10/12/2020 3:10:41 PM 55766
Toluene	ND	0.048	mg/Kg	1	10/12/2020 3:10:41 PM 55766
Ethylbenzene	ND	0.048	mg/Kg	1	10/12/2020 3:10:41 PM 55766
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2020 3:10:41 PM 55766
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/12/2020 3:10:41 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-11 North

Project: Devon Big Sinks Draw 25 Fed Com 1 H
 Collection Date: 10/7/2020 11:30:00 AM

 Lab ID: 2010510-005
 Matrix: SOIL
 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	1 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
- 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-12 North West

 Project:
 Devon Big Sinks Draw 25 Fed Com 1 H
 Collection Date: 10/7/2020 11:55:00 AM

 Lab ID:
 2010510-006
 Matrix:
 SOIL
 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 PM 55848
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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
 Collection Date: 10/7/2020 12:15:00 PM

 Lab ID:
 2010510-007
 Matrix: SOIL
 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	ANICS				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
- 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010510**

19-Oct-20

Client: Safety & Environmental Solutions

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

Sample ID: MB-55848 SampType: mblk TestCode: EPA Method 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

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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010510**

19-Oct-20

Client: Safety & Environmental Solutions

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

4.7

Sample ID: LCS-55771 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: **LCSS** Batch ID: **55771** RunNo: **72618**

Prep Date: 10/12/2020 Analysis Date: 10/13/2020 SeqNo: 2550264 Units: mg/Kg

5.000

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Diesel Range Organics (DRO) 10 0 43 50.00 87.0 70 130

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 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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP

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

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010510**

19-Oct-20

Client: Safety & Environmental Solutions

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

Sample ID: mb-55766 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **55766** RunNo: **72598**

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548929 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 980 1000 98.3 75.3 105

Sample ID: Ics-55766 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 55766 RunNo: 72598

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548930 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 72.5 Gasoline Range Organics (GRO) 5.0 25.00 0 85.0 106 Surr: BFB 1100 108 75.3 105 S 1000

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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010510**

19-Oct-20

Client: Safety & Environmental Solutions

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

1.0

Sample ID: mb-55766 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

1.000

Client ID: **PBS** Batch ID: **55766** RunNo: **72598**

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548956 Units: mg/Kg

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual Benzene ND 0.025 Toluene ND 0.050 ND 0.050 Ethylbenzene Xylenes, Total ND 0.10 Surr: 4-Bromofluorobenzene 1.0 1.000 100 80 120

Sample ID: LCS-55766 SampType: LCS TestCode: EPA Method 8021B: Volatiles Client ID: LCSS Batch ID: 55766 RunNo: 72598 Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548957 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.025 1.000 0 87.5 120 0.87 80 Benzene Toluene 0.92 0.050 1.000 0 91.5 80 120 0.050 0 93.6 80 120 Ethylbenzene 0.94 1.000 2.8 0.10 3.000 0 93.5 80 120 Xylenes, Total

101

80

120

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix

Surr: 4-Bromofluorobenzene

- 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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Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

	afety & Environmental olutions	Work Order Nu	mber: 201	0510			RcptNo: 1	
Received By:	Cheyenne Cason	10/9/2020 8:00:0) AM					
Completed By:	Juan Rojas	10/9/2020 8:50:24	4 AM		Huan	ag		
Reviewed By: C	ne	10/4/2			Y			
Chain of Custo	<u>dy</u>							
1. Is Chain of Cust	ody complete?		Yes	~	No		Not Present	
2. How was the sai	mple delivered?		Cou	<u>ırier</u>				
Log In								
A CONTRACTOR OF THE PARTY OF TH	made to cool the samples	?	Yes	V	No		NA 🗆	
4. Were all samples	s received at a temperatur	e of >0° C to 6.0°C	Yes	V	No		NA 🗌	
5. Sample(s) in pro	per container(s)?		Yes	V	No			
6. Sufficient sample	volume for indicated test	(s)?	Yes	V	No			
7. Are samples (exc	ept VOA and ONG) prope	rly preserved?	Yes	V	No			
Was preservative	added to bottles?		Yes		No	V	NA 🗆	
9. Received at least	1 vial with headspace <1.	4" for AQ VOA?	Yes		No		NA 🗹	
0. Were any sample	e containers received brok	en?	Yes		No	~		_
Does paperwork r (Note discrepanci	match bottle labels? es on chain of custody)		Yes	•	No		# of preserved bottles checked for pH: (<2 or >12 unless not	(ho
	ectly identified on Chain o	f Custody?	Yes	V	No		Adjusted?	cuj
3. Is it clear what an	alyses were requested?		Yes	~	No			1
	imes able to be met? mer for authorization.)		Yes	V	No		Checked by: JR 10 9	17
pecial Handling						1		
	d of all discrepancies with	this order?	Yes		No		NA 🗸	
Person Not	ified:	Date				-		
By Whom:	1	Via:	eMa	ail 🔲 F	Phone [Fax	☐ In Person	
Regarding:								
Client Instru	uctions:							
6. Additional remark	KS:							
7. Cooler Informat	ion							
	and the second second second second second	eal Intact Seal No	Seal Da		Signed B			

Received by OCD: 11/14/2022	2:43:01 PM	Page 65 of 126
HALL ENVIRONMENTAL ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	### Total Coliform (Present/Absent) TPH:8015D(GRO / DRO / MRO)	Remarks: Remark
Turn-Around Time: 5 Court Standard Rush Project Name: 12 Court Refress, 2 RP-4194 Project #: Device #:	Project Manager: Alten Rob Sampler: Sa	Time: Relinquished by: Received by: Via: Date Time Remarks: MMMMM2
Chain-of-Custody Record E. Sofity Enchronmedal Selection 19 Address: 703 & Clunton Lebbe NW 88240 18 575-347-0570	□ Level 4 (Full Validation) □ Az Compliance □ Other Matrix Sample Name SH-7 Scurtt SH-6 CAST H-6 CAST SH-1 North	Relinquished by: Relinquished by: CHUMMUM y, samples submitted to HalPEnvironmental may be subco
Chain-	OA/OC Package: OA/OC Package: OA/OC Package: I Standard Accreditation: Date Time OA/OC Package: (185 OA/OC Package: O	Date: Time: Date: Time: Date: Time:



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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Client Sample ID: H-1 North

Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Project: Devon Big Sinks Drew 25 Fed Com 1H
 Collection Date: 10/6/2020 9:15:00 AM

 Lab ID: 2010509-001
 Matrix: SOIL
 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	61	60	mg/Kg	20	10/14/2020 10:41:18 PM 55839
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				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					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

- 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 8

Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-2 West

 Project:
 Devon Big Sinks Drew 25 Fed Com 1H
 Collection Date: 10/6/2020 9:40:00 AM

 Lab ID:
 2010509-002
 Matrix: SOIL
 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	62	60	mg/Kg	20	10/14/2020 10:53:42 PM 55839
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	10/14/2020 12:02:42 PM 55771
Motor Oil 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 METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 12:02:39 PM 55766
Surr: BFB	99.4	75.3-105	%Rec	1	10/12/2020 12:02:39 PM 55766
EPA METHOD 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
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 12:02:39 PM 55766
Xylenes, Total	ND	0.098	mg/Kg	1	10/12/2020 12:02:39 PM 55766
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/12/2020 12:02:39 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 2 of 8

Client Sample ID: H-3 South

Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

 Project:
 Devon Big Sinks Drew 25 Fed Com 1H
 Collection Date: 10/6/2020 10:05:00 AM

 Lab ID:
 2010509-003
 Matrix: SOIL
 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	61	60	mg/Kg	20	10/14/2020 11:06:07 PM 55839
EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.8	mg/Kg	1	10/14/2020 12:26:08 PM 55771
Motor Oil 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
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 1:13:04 PM 55766
Surr: BFB	97.8	75.3-105	%Rec	1	10/12/2020 1:13:04 PM 55766
EPA METHOD 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
Ethylbenzene	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-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	Qual 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 ORG	ANICS				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	94.9	30.4-154	%Rec	1	10/14/2020 12:49:37 PM 55771
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 1:36:38 PM 55766
Surr: BFB	99.7	75.3-105	%Rec	1	10/12/2020 1:36:38 PM 55766
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

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010509**

15-Oct-20

Client: Safety & Environmental Solutions

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

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

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 5 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010509**

15-Oct-20

Client: Safety & Environmental Solutions

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

Analysis Date: 10/14/2020

PQL

9.3

Result

35

4.0

Sample ID: LCS-55771	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batch	ID: 55771 RunNo: 72618								
Prep Date: 10/12/2020	Analysis D	ate: 10)/13/2020	8	SeqNo: 2	550264	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	87.0	70	130			
Surr: DNOP	4.7		5.000		94.3	30.4	154			
Sample ID: MB-55771	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Rango	e Organics	
Client ID: PBS	Batch	ID: 55	ID: 55771 RunNo: 72618							
Prep Date: 10/12/2020	Analysis D	ate: 10)/13/2020	020 SeqNo: 2550265			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			
	SampType: MS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Sample ID: 2010509-001AMS	SampT	ype: M \$	3	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	

Sample ID: 2010509-001AMSD	SampType: MSD TestCode: EPA Method					8015M/D: Die	esel Range	e Organics		
Client ID: H-1 North	Batch	ID: 55 7	771	R	tunNo: 7	2640				
Prep Date: 10/12/2020	Analysis D	ate: 10	/14/2020	SeqNo: 2550925			Units: mg/Kg			
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	42		4 682		90.2	30.4	154	0	Λ	

5.976

SPK value SPK Ref Val

46.34

4.634

SeqNo: 2550924

LowLimit

15

30.4

%REC

63.1

86.2

Units: mg/Kg

184

154

%RPD

RPDLimit

Qual

HighLimit

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

Prep Date: 10/12/2020

Diesel Range Organics (DRO)

Surr: DNOP

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 6 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2010509**

15-Oct-20

Client: Safety & Environmental Solutions

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

Sample ID: mb-55766 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: **PBS** Batch ID: **55766** RunNo: **72598**

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548929 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 980 1000 98.3 75.3 105

Sample ID: Ics-55766 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 55766 RunNo: 72598

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548930 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Gasoline Range Organics (GRO) 5.0 25.00 O 85.0 72.5 106 Surr: BFB 1100 S 1000 108 75.3 105

Sample ID: 2010509-002ams SampType: MS TestCode: EPA Method 8015D: Gasoline Range

Client ID: H-2 West Batch ID: 55766 RunNo: 72598

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548933 Units: mg/Kg

Result PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte LowLimit Qual Gasoline Range Organics (GRO) 23 5.0 24.75 0 91.8 61.3 114 Surr: BFB 990.1 S 1100 110 75.3 105

Sample ID: 2010509-002amsd SampType: MSD TestCode: EPA Method 8015D: Gasoline Range

Client ID: H-2 West Batch ID: 55766 RunNo: 72598

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548934 Units: mg/Kg

Result SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** PQL LowLimit Qual Gasoline Range Organics (GRO) 22 4.9 89.3 61.3 24.27 114 4.66 20 Surr: BFB 1100 970.9 108 75.3 105 0 0 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

Page 7 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: 2010509

15-Oct-20

Client: Safety & Environmental Solutions

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

Sample ID: mb-55766 SampType: MBLK TestCode: EPA Method 8021B: Volatiles

Client ID: PBS Batch ID: 55766 RunNo: 72598

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548956 Units: mq/Kq

PQL SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result %REC LowLimit HighLimit Qual Benzene ND 0.025

Toluene ND 0.050 0.050 Ethylbenzene ND Xylenes, Total ND 0.10

LCSS

Surr: 4-Bromofluorobenzene 1.0 1.000 100 80 120

Sample ID: LCS-55766 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID:

Analysis Date: 10/12/2020 SeqNo: 2548957 Prep Date: 10/10/2020 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 1.000 87.5 0.87 0.025 0 80 120 Benzene Toluene 0.92 0.050 1.000 0 91.5 80 120 0 93.6 0.94 0.050 1.000 80 120 Ethylbenzene 0 93.5 Xylenes, Total 2.8 0.10 3.000 80 120 Surr: 4-Bromofluorobenzene 1.0 1.000 101 80 120

RunNo: 72598

SampType: MS TestCode: EPA Method 8021B: Volatiles Sample ID: 2010509-001ams

Client ID: H-1 North Batch ID: 55766 RunNo: 72598

Batch ID: 55766

Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2548959 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 89.9 0.90 0.025 0.9980 n 76.3 120 Benzene Toluene 0.94 0.050 0.9980 0.01312 92.7 78.5 120 96.4 78.1 Ethylbenzene 0.96 0.050 0.9980 0 124 Xylenes, Total 2.9 0.10 2.994 0 96.6 79.3 125 Surr: 4-Bromofluorobenzene 1.0 0.9980 103 80 120

TestCode: EPA Method 8021B: Volatiles Sample ID: 2010509-001amsd SampType: MSD

Client ID: H-1 North Batch ID: 55766 RunNo: 72598

Prep Date: 10/10/2020	Analysis D)ate: 10	0/12/2020	S	SeqNo: 2	548960	Units: mg/K	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	

Qualifiers:

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

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

Page 8 of 8



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

	Safety & Environmental Solutions	Work Order Number	201	0509			RcptNo: 1	
Received By:	Cheyenne Cason	10/9/2020 8:00:00 AM						
Completed By:	Juan Rojas	10/9/2020 8:44:04 AM			Han	39		
Reviewed By: C	w	10/9/0						
Chain of Custo	od <u>v</u>							
1. Is Chain of Cus	tody complete?		Yes	V	No		Not Present	
2. How was the sa	ample delivered?		Cou	ırier				
Log In								
A CONTRACTOR OF THE PARTY OF TH	t made to cool the samples	?	Yes	V	No		NA 🗌	
4. Were all sample	es received at a temperatur	e of >0° C to 6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in pro	oper container(s)?		Yes	V	No			
6. Sufficient sample	e volume for indicated test(s)?	Yes	V	No			
7. Are samples (ex	cept VOA and ONG) prope	rly preserved?	Yes	~	No			
Was preservativ	e added to bottles?		Yes		No	V	NA 🗆	
9. Received at leas	st 1 vial with headspace <1/	4" for AQ VOA?	Yes		No		NA 🗹	
0. Were any samp	le containers received brok	en?	Yes		No	V	# of preserved	-
	match bottle labels? cies on chain of custody)		Yes	V	No		bottles checked for pH: (<2 or >12 unle	ess noted)
2. Are matrices cor	rectly identified on Chain o	f Custody?	Yes	~	No		Adjusted?	
	nalyses were requested?		Yes	~	No		/ 10	101
	times able to be met? omer for authorization.)		Yes	V	No		Checked by: JR (0191
pecial Handlin	g (if applicable)					4		
	ed of all discrepancies with	this order?	Yes		No		NA 🗸	
Person No	otified:	Date				-		
By Whom:		Via:	eM	ail 🔲 F	Phone [Fax	☐ In Person	
Regarding								
Client Inst	ructions:							
16. Additional rema	rks:							
7. Cooler Informa	ation							
Cooler No		Seal Intact Seal No Se	eal D	ate	Signed E	SV.		
1 4	.8 Good				-			

HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com kins NE - Albuquerque, NM 87109 345-3975 Fax 505-345-4107 Analysis Request	(AOV-imag) 0728 Total Coliform (Present/Absent)	Page /6.05 12
HALL ENVIRON ANALYSIS LABC www.hallenvironmental.com www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 8 Tel. 505-345-3975 Fax 505-345-41	RO81 Pesticides/8082 PCB's RO81 Pesticides/8082 PCB's EDB (Method 504.1) RCRA 8 Metals RCRA 8 Metals CI, F, Br, NO ₂ , PO ₄ , SO ₄ SO ₄	Bate Time Remarks: 8/30 1/30 Phul
5 Ceny 12572 Cen / H	HEAL NO0002 (8021)	Date Time Remain Date Time Time Date Time Date Time Date Time Date Time Date Time Date of this serves as notice of this possible of this possible of this serves as notice of this possible of this serves as notice of this possible of the possible of this possi
Turn-Around Time: 5 (2) Standard Rush Project Name: Deview Resistered Project #:	Project Manager: M.M. Rob Sampler: Strong M. Con Ice: Dreservative Type and # Type M.	Received by: Via: Received by: Via: Received by: Via: Language Country Intracted to other accredited laboratorie
Chain-of-Custody Record Client: System + Gully-on-welf Solve-trong Mailing Address: 703 & Cluetow Mailing Address: 705 & Cluetow Mailing Address: 705 & Cluetow	email or Fax#: QA/QC Package: © Standard Accreditation: □ Az Compliance □ NELAC □ Other □ EDD (Type) □ EDD (Type) □ EDD (Type) □ Az Compliance □ NELAC □ Other □ NELAC □ Ot	Date: Time: Relinquished by: 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 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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-5 North

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 Collection Date: 10/7/2020 12:55:00 PM

 Lab ID:
 2010506-001
 Matrix: SOIL
 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 Solutions Client Sample ID: H-6 West

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 Collection Date: 10/7/2020 1:15:00 PM

 Lab ID:
 2010506-002
 Matrix: SOIL
 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 RANGE					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
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				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 LIST					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

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Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-7 East

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 Collection Date: 10/7/2020 1:40:00 PM

 Lab ID:
 2010506-003
 Matrix: SOIL
 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 RANGE					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 ORGA	NICS				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 LIST					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 Solutions Client Sample ID: H-8 West

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 Collection Date: 10/7/2020 2:05:00 PM

 Lab ID:
 2010506-004
 Matrix: SOIL
 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	A 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

- 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
 Collection Date: 10/7/2020 2:20:00 PM

 Lab ID:
 2010506-005
 Matrix: SOIL
 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 PN	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
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

- 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-10 South

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 Collection Date: 10/7/2020 2:45:00 PM

 Lab ID:
 2010506-006
 Matrix: SOIL
 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	Л 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010506**

15-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 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

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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010506**

15-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H Batt 2R

4.1

Sample ID: MB-55765 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: PBS Batch ID: 55765 RunNo: 72584 Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2549618 Units: mg/Kg PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 9.2 10.00 30.4 91.8 154

Sample ID: LCS-55765 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics Client ID: LCSS Batch ID: 55765 RunNo: 72584 Prep Date: 10/10/2020 Analysis Date: 10/12/2020 SeqNo: 2549619 Units: mg/Kg Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual Diesel Range Organics (DRO) 43 10 50.00 86.6 70 130

83.0

30.4

154

5.000

Qualifiers:

Surr: DNOP

- 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010506**

15-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H Batt 2R

Sample ID: Ics-55760	SampT	ype: LC	S4	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: BatchQC	Batch	n ID: 55 7	760	F	RunNo: 7 2	2577				
Prep Date: 10/10/2020	Analysis D	oate: 10	/11/2020	S	SeqNo: 2	548379	Units: mg/k	ίg		
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

- 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2010506**

15-Oct-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H Batt 2R

Sample ID: Ics-55760 SampType: LCS TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: LCSS Batch ID: 55760 RunNo: 72577

Prep Date: 10/10/2020 Analysis Date: 10/11/2020 SeqNo: 2548399 Units: mg/Kg

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 SampType: MBLK TestCode: EPA Method 8015D Mod: Gasoline Range

Client ID: PBS Batch ID: 55760 RunNo: 72577

Prep Date: 10/10/2020 Analysis Date: 10/11/2020 SeqNo: 2548400 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

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

Sample Log-In Check List

Client Name:	Safety & Environmental Solutions	Work Order Number:	201	0506			RcptNo: 1
Received By:	Cheyenne Cason	10/9/2020 8:00:00 AM					
Completed By:	Juan Rojas	10/9/2020 8:37:26 AM			Glean	39	
Reviewed By:	Cve	16/9h					
Chain of Cus	stody						
1. Is Chain of C	Custody complete?		Yes	~	No		Not Present
2. How was the	sample delivered?		Cou	<u>rier</u>			
Log In							
	mpt made to cool the samples	?	Yes	V	No		NA 🗆
4. Were all sam	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	nple volume for indicated test	s)?	Yes	V	No		
7. Are samples ((except VOA and ONG) prope	rly preserved?	Yes	~	No		
8. Was preserva	ative added to bottles?		Yes		No	V	NA 🗆
9. Received at le	east 1 vial with headspace <1/	4" for AQ VOA?	Yes		No		NA 🗹
0. Were any sar	mple containers received brok	en?	Yes		No	V	# of preserved
	ork match bottle labels? ancies on chain of custody)		Yes	v	No		bottles checked for pH: (<2 or >12 unless noted
2. Are matrices of	correctly identified on Chain o	f Custody?	Yes	~	No		Adjusted?
3. Is it clear wha	t analyses were requested?		Yes	~	No		/ 10 1-1
	ng times able to be met? ustomer for authorization.)		Yes	V	No		Checked by: JR 10 9
pecial Handl	ing (if applicable)					26	
	otified of all discrepancies with	this order?	Yes		No		NA 🗹
Person	Notified:	Date				_	
By Who	om:	Via:	eMa	ail 🔲 F	hone [Fax	☐ In Person
Regardi	ing:						
Client Ir	nstructions:						
6. Additional rer	marks;						-
7. <u>Cooler Infor</u> Cooler No	# E 7.4 Sept. Ann. and A. D. P. Albarton, Mr. and A. A.	Seal Intact Seal No Se	eal Da	ate	Signed B	by .	

NTAL	2022	2:43:01 PM									Page 8)	
ENVIRONME YSIS LABORA environmental.com Albuquerque, NM 87109	Fax 505-345-4107 ysis Request	26	Buch	mo	X				~	X		
A A Substitution of the su	-345 lues	(tnəsdA\tnəse										
S I S	505 Rec		(AOV-im								5	
SI SI Inviror	Analysis Request	h = 1h = 17		ov) 0828							\$	
LY L	Ana	102, PO4, SO4		RCRA 8								
HALL ENVIRON ANALYSIS LABC www.hallenvironmental.com kins NE - Albuquerque, NM 8	-387	SMIS0728									to Deran	
A w wkin	-345		509 pout	1 1 1 1 1 1 1					H		-	
HALL ANAL www.h; 4901 Hawkins NE	lel. 505-345-3975	082 PCB's									H 2	
490	<u>e</u>	DRO / MRO)	ер(ево	108:H9T	X				_	\times	arks:	
	ليا	(1208) s'BM7	. \ 38TM	NETEX /	X			_			Remarks	
En 1 H			=4.8 (°C)	HEAL NO.	5	200	003	1000	-005	900	Time	CSCE
5 Cans Ush V25 Fee	010	John Son	0-0.2	j	100-	9	0-	7	Ţ) ~	Date $10/8/x$	10/11/20
835°	1-20.	lager: Re	☑ Yes / // // // // // // // // // // // //	Preservative Type	3	New					Month Via:	Com
Turn-Around Time: Standard Project Name: 22 Standard Project #:	De.	Project Manage Alleu Sampler:	On Ice: Yesc # of Coolers:	Container Type and #	_		_	-	_	-	Received by:	Sur
Chain-of-Custody Record E. Sylty + Cr. Unrountel Solutions 19 Address: 703 6. Churton bbs x 1.M 88146	0.2	☐ Level 4 (Full Validation)		Vame	North	West	OEN!	いならい	GAZ!	NO W	1	
Enclustody Re Carlinans Cartions	37-05	C .		Sample Name	4-5	9-1	4-1	4.81	4-9	H-10	ed by:	m
1-of-C1	5.3		Other	Matrix	N	V	S	S	1	N	Relinquished by:	Mum
Client: Suth		email or Fax#: QA/QC Package: Standard Accreditation:	□ NELAC □ EDD (Type)	Time	(24	(3/5)	1345	33/	1420	\$		1300
Olier Mailin	Phone #:	QA/Q QA/Q GA/St		Date	19/01	-	1	1	^	8	Date:	180 OF



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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT:Safety & Environmental SolutionsClient Sample ID: SP-11 1 FT BottomProject:Devon Big Sinks Draw 25 Fed Com 1H 2Collection Date: 10/29/2020 10:20:00 AMLab ID:2011059-001Matrix: SOILReceived Date: 11/3/2020 8:00:00 AM

Analyses	Result	RL Q	ual 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 ORG	SANICS				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

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 8

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-12 North Wall

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H 2
 Collection Date: 10/29/2020 11:00:00 AM

 Lab ID:
 2011059-002
 Matrix: SOIL
 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 ORG	ANICS				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

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

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-13 West Wall

Project: Devon Big Sinks Draw 25 Fed Com 1H 2
 Collection Date: 10/29/2020 11:15:00 AM

 Lab ID: 2011059-003
 Matrix: SOIL
 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 ORG	ANICS				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

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: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-14 South Wall

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H 2
 Collection Date: 10/29/2020 11:45:00 AM

 Lab ID:
 2011059-004
 Matrix: SOIL
 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 2:01:31 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst	BRM
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	11/4/2020 9:26:53 PM	56174
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	11/4/2020 9:26:53 PM	56174
Surr: DNOP	115	30.4-154	%Rec	1	11/4/2020 9:26:53 PM	56174
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.8	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Surr: BFB	92.4	75.3-105	%Rec	1	11/4/2020 4:45:29 PM	56173
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.024	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Toluene	ND	0.048	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Ethylbenzene	ND	0.048	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Xylenes, Total	ND	0.096	mg/Kg	1	11/4/2020 4:45:29 PM	56173
Surr: 4-Bromofluorobenzene	95.5	80-120	%Rec	1	11/4/2020 4:45:29 PM	56173

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

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011059**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 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: mg/Kg

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

Page 5 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011059**

Qual

%RPD

RPDLimit

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 2RP 468

 Sample ID: LCS-56174
 SampType: LCS
 TestCode: EPA Method 8015M/D: Diesel Range Organics

 Client ID: LCSS
 Batch ID: 56174
 RunNo: 73123

 Prep Date: 11/3/2020
 Analysis Date: 11/4/2020
 SeqNo: 2572317
 Units: mg/Kg

Analyte SPK value SPK Ref Val %REC LowLimit HighLimit Diesel Range Organics (DRO) 57 50.00 115 130 Surr: DNOP 5.3 5.000 106 30.4 154

Sample ID: MB-56174 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: PBS Batch ID: 56174 RunNo: 73123

Prep Date: 11/3/2020 Analysis Date: 11/4/2020 SeqNo: 2572319 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 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

Page 6 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011059**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 2RP 468

Sample ID: mb-56173 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 56173 RunNo: 73115

Prep Date: 11/3/2020 Analysis Date: 11/4/2020 SeqNo: 2571725 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 950 1000 95.0 75.3 105

Sample ID: Ics-56173 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 56173 RunNo: 73115

Prep Date: 11/3/2020 Analysis Date: 11/4/2020 SeqNo: 2571726 Units: mg/Kg

SPK value SPK Ref Val %REC **RPDLimit** Result **PQL** LowLimit HighLimit %RPD Qual 22 72.5 Gasoline Range Organics (GRO) 5.0 25.00 0 89.0 106 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

Page 7 of 8

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011059**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 2RP 468

Sample ID: mb-56173 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 56173 RunNo: 73115 Prep Date: 11/3/2020 Analysis Date: 11/4/2020 SeqNo: 2571769 Units: mg/Kg Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual ND 0.025 Benzene Toluene ND 0.050 ND 0.050 Ethylbenzene Xylenes, Total ND 0.10 1.000 96.6 120 Surr: 4-Bromofluorobenzene 0.97 80

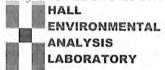
Sample ID: LCS-56173	Sampl	Гуре: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	h ID: 56 ′	173	F	RunNo: 7 :	3115				
Prep Date: 11/3/2020	Analysis D	Date: 11	/4/2020	5	SeqNo: 2	571770	Units: mg/K	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	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

- 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 8 of 8



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109

TEL: 505-345-3975 FAX: 505-345-4107 Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name:	Safety & Environmental Solutions	Work Order Num	ber: 20110	059		RcptNo	p: 1
Received By:	Emily Mocho	11/3/2020 8:00:00	AM				
Completed By:	Desiree Dominguez	11/3/2020 8:52:20	AM		100		
Reviewed By:	ENM	11/3/20					
Chain of Cus	tody						
1. Is Chain of Cu	ustody complete?		Yes	✓	No 🗌	Not Present	
2. How was the	sample delivered?		Courie	<u>er</u>			
Log In							
-	pt made to cool the samples	?	Yes	V	No 🗌	NA 🗌	
4. Were all samp	oles received at a temperatur	e of >0° C to 6.0°C	Yes	v	No 🗌	NA 🗆	
5. Sample(s) in p	proper container(s)?		Yes	~	No 🗆		
6. Sufficient sam	ple volume for indicated test	(s)?	Yes [/	No 🗌		
7. Are samples (e	except VOA and ONG) prope	erly preserved?	Yes	/	No 🗌		
8. Was preservat	tive added to bottles?		Yes [No 🗸	NA 🗆	
9. Received at lea	ast 1 vial with headspace <1	/4" for AQ VOA?	Yes [No 🗌	NA 🗹	
10. Were any sam	nple containers received brol	ken?	Yes		No 🗸	# of preserved	
	rk match bottle labels?		Yes [/	No 🗆	bottles checked for pH:	or 12 unless noted)
12. Are matrices c	orrectly identified on Chain of	of Custody?	Yes	/	No 🗆	Adjusted?	
	analyses were requested?		Yes [/	No 🗌		DAD 11/3/2
	ng times able to be met? ustomer for authorization.)		Yes		No 🗌	Checked by:	UNI 1113/20
Special Handli	ing (if applicable)						
15. Was client not	tified of all discrepancies wit	this order?	Yes		No. 🗌	NA 🗹	
Person	Notified:	Date		-			
By Who	m:	Via:	eMai	I Pho	one Fax	In Person	
Regardi	ng:						
Client In	structions:						
16. Additional rer	marks:						
17. Cooler Inform Cooler No 1 2	Temp °C Condition 2.4 Good Y	Seal Intact Seal No es es	Seal Da	te S	ligned By		

CONMENTAL ABORATORY ABORATORY al.com b, NM 87109 345-4107	:43:01 PM		Page 100 of
IALL ENVIRONMENT INALYSIS LABORATO www.hallenvironmental.com ns NE - Albuquerque, NM 87109 15-3975 Fax 505-345-4107 Analysis Request	Total Coliform (Present/Absent)		-
ants and a section of the section of	(AOV-imə2) 07S8		2/20
HALL ENVI ANALYSIS www.hallenvironmekins NE - Albuquer 845-3975 Fax 50	(AOV) 09S8		
	CI, F, Br, NO3, NO2, PO4, SO4		Show
HALL ANAL www.hall 4901 Hawkins NE - Tel. 505-345-3975	RCRA 8 Metals		Ü
HAAN www.kins	PAHs by 8310 or 82705IMS		102
Haw 505-	8081 Pesticides/8082 PCB's		rks: De Joh
Tel.	TPH:8015D(GRO / DRO / MRO)		marks:
	BTEX / MTBE / TMB's (8021)		Remarks:
1	(0)		8
ne: Sday rugh Deutsh Drug 25 #1 Cun / 20-010	Preservative HEAL No. Type	100 - 100 -	Date Time
1 Time		X2	Via:
Turn-Around Time: Standard Project Name: 12 Standard Project #: Project #:	Project Manager: ### Manager: Sampler:		Received by: Received by:
Chain-of-Custody Record Sylty + Chillmannes of Charles	Az Compliance Other atrix Sample Name	7-11 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Lefa
Of-Cu	□ Az Cor □ Other Matrix	NONO	Relinquished by:
Client: Substance Client: Substance Mailing Address:	kage: d on: ype)	(100)	Time:
Client: S Mailing A Phone #:	QA/QC Pac QA/QC Pac GA/QC Pac	222	Date:



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 Freeman

Laboratory Manager

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT:Safety & Environmental SolutionsClient Sample ID: SP-13 1 FT BottomProject:Devon Big Sinks Draw 25 Fed Com 1H 2Collection Date: 10/29/2020 12:05:00 PMLab ID:2011060-001Matrix: SOILReceived 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 ORG	SANICS				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

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 6

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-14 North Wall

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H 2
 Collection Date: 10/29/2020 12:40:00 PM

 Lab ID:
 2011060-002
 Matrix: SOIL
 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 OR	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

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 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011060**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 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: 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: mg/Kg

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

Page 3 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011060**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 2RP 419

12

10.00

Devoil B	715 5111K3 27	20	rea Colli II	1210 119						
Sample ID: MB-56183	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: PBS	Batch	n ID: 56	183	F	RunNo: 7 :	3122				
Prep Date: 11/3/2020	Analysis D	ate: 1 1	/4/2020	5	SeqNo: 2	571825	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		115	30.4	154			
Sample ID: LCS-56183	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics	
Client ID: LCSS	Batch	n ID: 56	183	F	RunNo: 7 :	3122				
Prep Date: 11/3/2020	Analysis D	ate: 11	/4/2020	S	SeqNo: 2	571826	Units: mg/K	g		
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	SampT	ype: LC	s	Tes	tCode: El	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: %Red	;		
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	SampT	ype: ME	BLK	Tes	tCode: El	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: %Red	:		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

Surr: DNOP

- 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

116

30.4

154

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

Page 4 of 6

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011060**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 2RP 419

Sample ID: mb-56177 SampType: MBLK TestCode: EPA Method 8015D: Gasoline Range

Client ID: PBS Batch ID: 56177 RunNo: 73150

Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573162 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Gasoline Range Organics (GRO) ND 5.0

Surr: BFB 890 1000 89.3 75.3 105

Sample ID: Ics-56177 SampType: LCS TestCode: EPA Method 8015D: Gasoline Range

Client ID: LCSS Batch ID: 56177 RunNo: 73150

Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573163 Units: mg/Kg

Result **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 23 72.5 Gasoline Range Organics (GRO) 5.0 25.00 0 90.2 106 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
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- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 6

Surr: 4-Bromofluorobenzene

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011060**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H 2RP 419

0.94

Sample ID: mb-56177 SampType: MBLK TestCode: EPA Method 8021B: Volatiles Client ID: PBS Batch ID: 56177 RunNo: 73150 Prep Date: 11/3/2020 Analysis Date: 11/5/2020 SeqNo: 2573202 Units: mg/Kg Analyte **PQL** SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual ND 0.025 Benzene Toluene ND 0.050 ND 0.050 Ethylbenzene Xylenes, Total ND 0.10

94.2

120

80

Sample ID: LCS-56177	Samp	Гуре: LC	s	Tes	8021B: Volat	iles				
Client ID: LCSS	Batc	h ID: 56 ′	177	F	RunNo: 7 :	3150				
Prep Date: 11/3/2020	Analysis [Date: 11	/5/2020	5	SeqNo: 2	573203	Units: mg/K	(g		
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			
Surr: 4-Bromofluorobenzene	0.99		1.000		98.9	80	120			

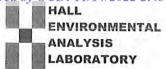
1.000

Qualifiers:

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- ND Not Detected at the Reporting Limit
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- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 6



Hall Environmental Analysis Laboratory 4901 Hawkins NE Albuquerque, NM 87109 TEL: 505-345-3975 FAX: 505-345-4107

Website: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: Safety & Environmental Work Order Number: 2011060 RcptNo: 1 Solutions **Emily Mocho** Received By: 11/3/2020 8:00:00 AM Completed By: **Desiree Dominguez** 11/3/2020 9:00:08 AM 11/3/20 Reviewed By: Chain of Custody 1. Is Chain of Custody complete? Yes V No 🗌 Not Present 2. How was the sample delivered? Courier Log In 3. Was an attempt made to cool the samples? Yes V No 🗌 NA 🗌 No 4. Were all samples received at a temperature of >0° C to 6.0°C NA 🗌 Sample(s) in proper container(s)? Yes V No _ 6. Sufficient sample volume for indicated test(s)? Yes 🗸 No 🗌 7. Are samples (except VOA and ONG) properly preserved? No Yes 8. Was preservative added to bottles? Yes No V NA 9. Received at least 1 vial with headspace <1/4" for AQ VOA? NA V No Yes No V 10. Were any sample containers received broken? # of preserved bottles checked Yes 🗸 11. Does paperwork match bottle labels? No 🗌 for pH: (Note discrepancies on chain of custody) (<2 or >12 unless noted) Adjusted? 12. Are matrices correctly identified on Chain of Custody? Yes V No 🗌 13. Is it clear what analyses were requested? Yes V No Checked by: DAD 11/3/20 14. Were all holding times able to be met? No 🗌 Yes 🗸 (If no, notify customer for authorization.) Special Handling (if applicable) 15. Was client notified of all discrepancies with this order? Yes No NA V Person Notified: Date: By Whom: Via: eMail Phone Fax Regarding: Client Instructions: 16. Additional remarks: 17. Cooler Information Cooler No Temp °C Condition Seal Intact Seal No Seal Date Signed By 2.4 Good Yes 2 3.9 Good Yes

Received by OCD: 11/14/2022	2:43:01 PM		Page 109 of 120
HALL ENVIRONMENTAL ANALYSIS LABORATORY www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	EDB (Method 504.1) PAHs by 8310 or 8270SIMS RCRA 8 Metals CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 8260 (VOA) B270 (Semi-VOA) Total Coliform (Present/Absent)	H	intact gim 14 3 20 contracted data will be clearly notated on the analytical report.
01 Hg	8081 Pesticides/8082 PCB's	3	Ks:
49 T	(ORM \ ORD \ ORD)		Remarks:
	(1208) s'BMT \ TABY		his posi
Turn-Around Time: Sdaynsk Tarn-Around Time: Standard Rush Project Name: Devow Sty Standard Rush Project #: Project #:	Project Manager: ### Sampler: The following CF): 2.4 to 2.4 (°C) Cooler Temp(Including CF): 2.4 to 2.4 (°C) Container Preservative HEAL No. Type and # Type	The state of the s	Received by: Via: Date Time Received by: Via: Date Time \$\int \text{TM} \text{COULTIER} \text{II} \rightarrow \text{SVD} \\ \text{SW} \text{COULTIER} \text{II} \rightarrow \text{SVD} \\ \text{SW} \text{SUULTIER} \text{II} \rightarrow \text{SVD} \\ \text{SW} \text{COULTIER} \text{II} \rightarrow \text{SVD} \\ \text{SWD} \text{SUULTIER} \text{II} \rightarrow \text{SVD} \\ \text{SWD} \text{SUD} \text{SVD} \\ \text{SWD} \text{SUD} \text{SVD} \\ \text{SWD} \text{SUD} \text{SUD} \\ \text{SWD} \text{SUD} \text{SUD} \\ \text{SWD} \text{SUD} \text{SUD} \\ \text{SWD} \text{SUD} \text{SUD} \text{SUD} \\ \text{SUD} \text{SUD} \text{SUD} \text{SUD} \\ \text{SUD} \text{SUD} \text{SUD} \text{SUD} \\ \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \\ \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \\ \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \text{SUD} \q\ \qua
Client: Syla + Coulthannut & Solutions Mailing Address: 703 & Chullon Nelabs NM 88240 Phone #: 575-397-6510	email or Fax#: QA/QC Package: GA/QC Package: GA/GC Package: GA/C Package: GA	1126 5 14-14 North WW	Date: Time: Relinquished by: Received by: Via: Date Time Remarks:



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 OrderNo.: 2011068

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 Freeman

Laboratory Manager

andy

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2011068

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT:Safety & Environmental SolutionsClient Sample ID: SP-6 1 Ft BottomProject:Devon Big Sinks Draw 25 Fed Com 1HCollection Date: 10/29/2020 1:10:00 PM

Lab ID: 2011068-001 **Matrix:** SOIL **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 ORG	SANICS				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

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 7

Analytical Report Lab Order 2011068

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-7 North Wall

Project: Devon Big Sinks Draw 25 Fed Com 1H
 Collection Date: 10/29/2020 1:30:00 PM

 Lab ID: 2011068-002
 Matrix: SOIL
 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	JMT
Chloride	ND	60	mg/Kg	20	11/9/2020 6:03:33 PM	56321
EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				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

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 7

Hall Environmental Analysis Laboratory, Inc.

WO#: **2011068**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H

Sample ID: MB-56321 SampType: mblk TestCode: EPA Method 300.0: Anions

Client ID: PBS Batch ID: 56321 RunNo: 73210

Prep Date: 11/9/2020 Analysis Date: 11/9/2020 SeqNo: 2576427 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

Chloride ND 1.5

Sample ID: LCS-56321 SampType: Ics TestCode: EPA Method 300.0: Anions

Client ID: LCSS Batch ID: 56321 RunNo: 73210

Prep Date: 11/9/2020 Analysis Date: 11/9/2020 SeqNo: 2576430 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Chloride 14 1.5 15.00 0 92.5 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

Page 3 of 7

Hall Environmental Analysis Laboratory, Inc.

PQL

50.00

5.000

Result

43

4.4

WO#: **2011068**

%RPD

HighLimit

130

154

70

30.4

RPDLimit

Qual

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H

Sample ID: MB-56195 SampType: MBLK				TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: PBS	Batcl	n ID: 56	195	F	RunNo: 7 :	3122							
Prep Date: 11/4/2020	Analysis D)ate: 11	/5/2020	SeqNo: 2573228			SeqNo: 2573228 Units: mg/Kg			3228 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	9.5		10.00		95.4	30.4	154						
Sample ID: LCS-56195	SampT	ype: LC	s	TestCode: EPA Method			8015M/D: Die	esel Range	e Organics	<u>'</u>			
Client ID: LCSS	Batcl	n ID: 56	195	F	RunNo: 7 :	3122							
Prep Date: 11/4/2020	Analysis F)ate: 11	/5/2020	ç	SeaNo: 2	573229	Units: ma/K	ď					

SPK value SPK Ref Val %REC LowLimit

86.4

87.7

0

Qualifiers:

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

- 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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2011068**

10-Nov-20

Client: Safety & Environmental Solutions
Project: Devon Big Sinks Draw 25 Fed Com 1H

Sample ID: Ics-56185	SampType: LCS TestCode: EPA Method 8015D: Gasoline Range						
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) Surr: BFB	22 5.0 25.00 1100 1000	0 88.6 72.5 108 75.3	106 105	S			
Suil. BFB	1100 1000	106 /5.3	105	<u> </u>			
Sample ID: mb-56185	SampType: MBLK	TestCode: EPA Method	8015D: Gasoline Range	•			
Client ID: PBS	Batch ID: 56185	RunNo: 73179					
Prep Date: 11/3/2020	Analysis Date: 11/6/2020	SeqNo: 2574320	Units: mg/Kg				
Analyte	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual			
Gasoline Range Organics (GRO) Surr: BFB	ND 5.0 970 1000	97.5 75.3	105				
	370 1000	07.0 70.0	100				
Sample ID: mb-56250	SampType: MBLK	TestCode: EPA Method	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	Result PQL SPK value	SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual			
Surr: BFB	950 1000	94.6 75.3	105				
Sample ID: Ics-56250	SampType: LCS	TestCode: EPA Method	8015D: Gasoline Range	9			
Client ID: LCSS	Batch ID: 56250	RunNo: 73203					
Prep Date: 11/6/2020	Analysis Date: 11/7/2020	SeqNo: 2574784	Units: %Rec				
Analyte	Result PQL SPK value	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					

Sample ID: Ics-56254 SampType: LCS			Tes	tCode: EI	PA Method	8015D: Gaso	line Rang	e		
Client ID: LCSS	Batch	1D: 56	254	F	RunNo: 7	3203				
Prep Date: 11/6/2020	/6/2020 Analysis Date: 11/8/2020			S	SeqNo: 2	574808	Units: %Rec	:		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	75.3	105			

SPK value SPK Ref Val

1000

Qualifiers:

Prep Date:

Surr: BFB

Analyte

Value exceeds Maximum Contaminant Level.

11/6/2020

Analysis Date: 11/8/2020

PQL

Result

940

- 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

SeqNo: 2574807

LowLimit

75.3

%REC

94.1

Units: %Rec

HighLimit

105

%RPD

RPDLimit

Qual

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

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Hall Environmental Analysis Laboratory, Inc.

WO#: **2011068** *10-Nov-20*

Client: Safety & Environmental Solutions
Project: Devon Big Sinks Draw 25 Fed Com 1H

Sample ID: LCS-56185	SampType: LCS TestCode: EPA Method 8				8021B: Volat	iles				
Client ID: LCSS	Batch ID: 56185			R	RunNo: 73179					
Prep Date: 11/3/2020	Analysis D	ate: 11	/6/2020	S	SeqNo: 2	574369	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.95	0.025	1.000	0	95.2	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	SampT	уре: МВ	LK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: 56 1	185	R	RunNo: 7 3	3179				
Prep Date: 11/3/2020	Analysis D	ate: 11	/6/2020	S	SeqNo: 2	574372	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		102	80	120			
Sample ID: mb-56250	SampT	уре: МВ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: 562	250	R	RunNo: 7 3	3203				
Prep Date: 11/6/2020	Analysis D	ate: 11	/7/2020	S	SeqNo: 2	574958	Units: %Red	;		
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	SampT	ype: LC	s	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	ID: 562	250	R	RunNo: 7 :	3203				
Prep Date: 11/6/2020	Analysis D	ate: 11	/7/2020	S	SeqNo: 2	574959	Units: %Red	:		
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	SampT	уре: МВ	BLK	Tes	tCode: EF	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	ID: 562	254	R	RunNo: 7 3	3203				
Prep Date: 11/6/2020	Analysis D	ate: 11	/8/2020	S	SeqNo: 2	574982	Units: %Red	;		
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			

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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Hall Environmental Analysis Laboratory, Inc.

WO#: **2011068**

10-Nov-20

Client: Safety & Environmental Solutions

Project: Devon Big Sinks Draw 25 Fed Com 1H

Sample ID: LCS-56254 SampType: LCS TestCode: EPA Method 8021B: Volatiles

Client ID: LCSS Batch ID: 56254 RunNo: 73203

Prep Date: 11/6/2020 Analysis Date: 11/8/2020 SeqNo: 2574983 Units: %Rec

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual

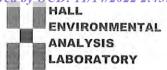
Surr: 4-Bromofluorobenzene 0.99 1.000 99.0 80 120

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
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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

Sample Log-In Check List

Client Name:	Safety & Environment Solutions	al Work Order N	umber: 201	1068		RcptN	p: 1
Received By:	Emily Mocho	11/3/2020 8:00:	00 AM				
Completed By:	Emily Mocho	11/3/2020 9:35:0	06 AM				
Reviewed By:	ENM	11/3/20					
Chain of Cus	tody						
1. Is Chain of C	ustody complete?		Yes	~	No 🗌	Not Present	
2. How was the	sample delivered?		Cou	rier			
Log In							
Was an atten	npt made to cool the san	nples?	Yes	V	No 🗌	NA 🗌	
4. Were all samp	ples received at a tempe	rature of >0° C to 6.0°C	Yes	v	No 🗆	NA 🗆	
5. Sample(s) in	proper container(s)?		Yes	V	No 🗌		
6. Sufficient sam	nple volume for indicated	test(s)?	Yes	V	No 🗌		
7. Are samples (except VOA and ONG) p	properly preserved?	Yes	~	No 🗆		
8. Was preserva	tive added to bottles?		Yes		No 🗹	NA 🗆	
9. Received at le	east 1 vial with headspac	e <1/4" for AQ VOA?	Yes		No 🗌	NA 🗸	
10. Were any san	mple containers received	broken?	Yes		No 🗸	Service and	
	ork match bottle labels? ancies on chain of custoo	tv)	Yes	v	No 🗆	# of preserved bottles checked for pH:	or >12 unless noted)
	correctly identified on Ch		Yes	V	No 🗌	Adjusted?	
13. Is it clear wha	t analyses were requeste	ed?	Yes	V	No 🗌	1	
	ng times able to be met? ustomer for authorization		Yes	V	No 🗌	Checked by:	DAD 11/3/20
Special Handl	ing (if applicable)						
15. Was client no	otified of all discrepancies	s with this order?	Yes		No 🗌	NA 🗸	
Person	Notified:	Da	ate:	_			
By Who	om:	Vi	a: eM	ail 🔲	Phone Fax	☐ In Person	
Regard	and the same of th						
Client In	nstructions:						
16. Additional re	marks:						
17. Cooler Infor Cooler No	DUPLICATE AND	n Seal Intact Seal No Yes Yes	o Seal D	ate	Signed By		

Received by OCD: 11/14/2022	2:43:01 PM	Page 119 of 120
HALL ENVIRONMENTAI ANALYSIS LABORATOR www.hallenvironmental.com 4901 Hawkins NE - Albuquerque, NM 87109 Tel. 505-345-3975 Fax 505-345-4107 Analysis Request	### BTEX / MTBE / TMB's (8021) ### BTEX / MTBE / TMB's (8021) ### BTEX / MTBE / TMB's (8021) ### BTH:8015D(GRO / DRO / MRO) ### BTH:8015D(GRO / DRO / MRO) ### BTH:8015D(GRO / DRO / MRO) ### BTH:8015D(GRO / MRO) #### BTH:8015D(GRO / MRO) ##### BTH:8015D(GRO / MRO) #### BTH:8015D(GRO / MRO) ##### BTH:8015D(GRO / MRO) ##### BTH:8015D(GRO / MRO) ##### BTH:8015D(GRO / MRO) ###################################	Time: Retinquished by: Received by: Received by: Received by: Via: Date Time Remarks:
Turn-Around Time: Solay rugh Standard Rush Project Name: Devised Broject #: Project #:	Project Manager: ## No Sampler: 3 D. Learn Sampler: 3 D. Learn On Ice: 2 Yes D. No ## of Coolers: 2 Cooler Temp(including cr): 2 4±0=3.9 Container Preservative HEAL No. Type and # Type DOILOGE Manager: 2 Doiloge Manager: 3 D. Learn Manager: 4 Doiloge Manager: 4 Doiloge Manager: 5 D. Learn Manager: 6 D. Learn Manager: 6 D. Learn Manager: 7 D. Learn	Received by: Via: Date Time R
Chain-of-Custody Record Client: Styly + GNUWONWW. Al Solutions Mailing Address: 703 E. Cluston Holing Address: 703 E. Cluston Phone #: 575-397-0570	email or Fax#: QA/QC Package: GA/QC Package: Accreditation:	Date: Time: Relinquished by: 1 1 2 2

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

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

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

CONDITIONS

Action 158623

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	158623
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

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