Page 1 of 120

Incident ID	nrm1932958098
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 must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in
Printed Name: Dale Woodall	Title: Env. Professional
Signature: Dale Woodall	Date:11/14/2022
email:dale.woodall@dvn.com	Telephone:575-748-1838
OCD Only	44/44/0000
Received by: OCD	Date:11/14/2022_
	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by: Ashley Maxwell	Date:
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	Chloride DRO MRO GRO Benzene Toluene Ethyl benzene Total Xyle											
AH1 @ Surface	ND	ND	ND	ND	ND	ND	ND	ND					
AH1 @ 1'	9 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	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	or 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'	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									
AH3 @ 1'	ND	ND									
AH4 @ Surface	ND	94	100	ND	ND	ND	ND	ND			
AH4 @ 1'	ND	ND									
Hall Environmental Labs Horizontal Extent 10/6/20 for 2RP-4687											
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes			
H-5 North	ND	ND									
H-5 North H-6 West	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	•	•			
							ND	ND			
H-6 West	ND	ND	ND	ND	ND	ND	ND ND	ND ND			
H-6 West H-7 East	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND ND	ND ND ND			
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			

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		

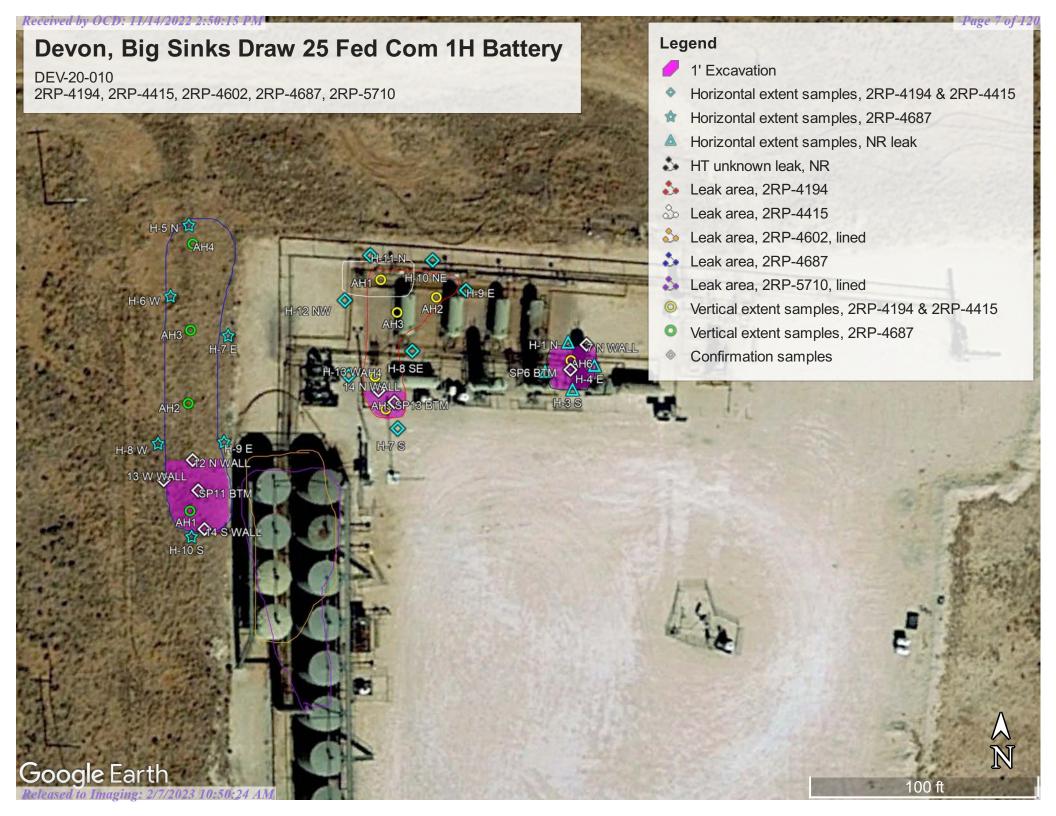
Once sample results verified both successful remediation and horizontal extent, the site was backfilled with clean soil. Pictures of the remediation are included in this report.

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-separat</u>	ted data									
Graph of da	<u>ata</u>									
<u>Reselect pe</u>	<u>riod</u>									
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
1050.02.1			240.02							
1959-02-1 2013-01-1	7 12:40 MST	D m					2 F D		U S USG:	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>

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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 2:50:15 PM

Devon Energy

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

4

32.102021, -103.739154

Page 10 of 120



High





32.102021, -103.739154

Released to Imaging: 2/7/2023 10:50:24 AM

Devon Energy

Big Sinks Draw 25 Fed Com 1H Excavation & Remediation





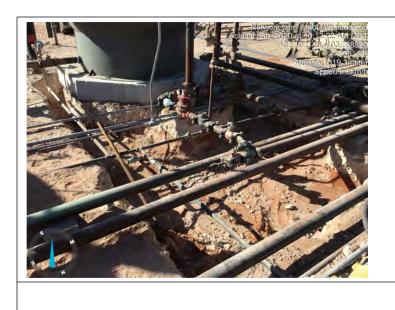




Devon Energy

Big Sinks Draw 25 Fed Com 1H Excavation & Remediation



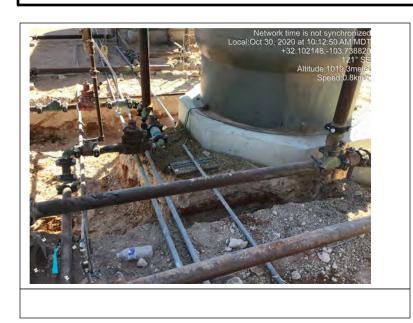






Devon Energy

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

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

Page 1 of 17

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	ANICS				Analyst	: BRM
Diesel Range Organics (DRO)	ND	9.1	mg/Kg	1	2/24/2020 9:40:07 PM	50592
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	2/24/2020 9:40:07 PM	50592
Surr: DNOP	83.6	55.1-146	%Rec	1	2/24/2020 9:40:07 PM	50592
EPA METHOD 8015D: GASOLINE RANGE					Analyst	: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Surr: BFB	81.5	66.6-105	%Rec	1	2/24/2020 4:54:46 PM	50586
EPA METHOD 8021B: VOLATILES					Analyst	: NSB
Benzene	ND	0.023	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Toluene	ND	0.047	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Ethylbenzene	ND	0.047	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Xylenes, Total	ND	0.093	mg/Kg	1	2/24/2020 4:54:46 PM	50586
Surr: 4-Bromofluorobenzene	88.8	80-120	%Rec	1	2/24/2020 4:54:46 PM	50586

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

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- 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 2 of 17

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 ORGA	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

- 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 17

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 ORGA	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

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

Page 4 of 17

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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Client Sample ID: AH-4 1Ft

Date Reported: 2/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

 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	ANICS				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

- 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
- 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 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

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

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **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 Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

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

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QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2002910**

28-Feb-20

Client: Safety & Environmental Solutions

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

Sample ID: 2002910-007AMS	SampT	уре: М\$	3	Tes	tCode: EF	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: AH-4 Surface	Batch	ID: 50	593	F	lunNo: 60	6740				
Prep Date: 2/21/2020	Analysis D	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: 2002910-007AMS	D SampT	уре: М \$	SD	Tes	tCode: EF	PA Method	8015M/D: Di	esel Rang	e Organics	
Client ID: AH-4 Surface	Batch	ID: 50	593	F	lunNo: 60	6740				
Prep Date: 2/21/2020	Analysis D	ate: 2/	25/2020	S	SeqNo: 22	295374	Units: mg/k	(g		
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: Di	esel Rang	e Organics	
Client ID: LCSS	Batch	ID: 50	592	F	tunNo: 60	6740				
Prep Date: 2/21/2020	Analysis D	oto: 3/	24/2020	_				_		
1	Allalysis D	ale. 2	24/2020	5	SeqNo: 22	295413	Units: mg/k	(g		
Analyte	Result	PQL		SPK Ref Val	seqNo: 2 2 %REC	LowLimit	Units: mg/K	(g %RPD	RPDLimit	Qual
Analyte Diesel Range Organics (DRO)	•				•		J	•	RPDLimit	Qual
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	•	RPDLimit	Qual
Diesel Range Organics (DRO)	Result 49 3.6	PQL	SPK value 50.00 5.000	SPK Ref Val	%REC 98.8 71.8	LowLimit 70 55.1	HighLimit 130	%RPD		Qual
Diesel Range Organics (DRO) Surr: DNOP	Result 49 3.6 SampT	PQL 10	SPK value 50.00 5.000	SPK Ref Val 0	%REC 98.8 71.8	LowLimit 70 55.1 PA Method	HighLimit 130 146	%RPD		Qual
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593	Result 49 3.6 SampT	PQL 10 ype: LC	SPK value 50.00 5.000	SPK Ref Val 0	%REC 98.8 71.8	100 LowLimit 70 55.1 PA Method 6740	HighLimit 130 146	%RPD		Qual
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS	Result 49 3.6 SampT	PQL 10 ype: LC	SPK value 50.00 5.000 5.900 5593 25/2020	SPK Ref Val 0	%REC 98.8 71.8 tCode: EF	100 LowLimit 70 55.1 PA Method 6740	HighLimit 130 146 8015M/D: Did	%RPD		Qual
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS Prep Date: 2/21/2020	Result 49 3.6 SampT Batch Analysis D	PQL 10 ype: LC n ID: 50 ate: 2 /	SPK value 50.00 5.000 5.900 5593 25/2020	SPK Ref Val 0 Tes	%REC 98.8 71.8 Code: EF SunNo: 66	LowLimit 70 55.1 PA Method 6740 295415	HighLimit 130 146 8015M/D: Did Units: mg/k	%RPD esel Range	e Organics	
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS Prep Date: 2/21/2020 Analyte	Result 49 3.6 SampT Batch Analysis D Result	PQL 10 ype: LC 1D: 50 rate: 2/	SPK value 50.00 5.000 5.000 cs 593 225/2020 SPK value	SPK Ref Val 0 Tes F SPK Ref Val	%REC 98.8 71.8 Code: EF RunNo: 66 GeqNo: 22	295415 LowLimit	HighLimit 130 146 8015M/D: Did Units: mg/K	%RPD esel Range	e Organics	
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS Prep Date: 2/21/2020 Analyte Diesel Range Organics (DRO)	Result 49 3.6 SampT Batch Analysis D Result 51 3.8	PQL 10 ype: LC 1D: 50 rate: 2/	SPK value 50.00 5.000 SS 593 25/2020 SPK value 50.00 5.000	SPK Ref Val 0 Tes F S SPK Ref Val 0	%REC 98.8 71.8 tCode: EF tunNo: 66 SeqNo: 2: %REC 102 76.7	LowLimit	HighLimit 130 146 8015M/D: Did Units: mg/k HighLimit 130	%RPD esel Range (g %RPD	e Organics RPDLimit	
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS Prep Date: 2/21/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP	Result 49 3.6 SampT Batch Analysis D Result 51 3.8 SampT	PQL 10 ype: LC 1D: 50 rate: 2/ PQL 10	SPK value 50.00 5.000 5.000 SS 593 25/2020 SPK value 50.00 5.000	SPK Ref Val 0 Tes SPK Ref Val 0 Tes	%REC 98.8 71.8 tCode: EF tunNo: 66 SeqNo: 2: %REC 102 76.7	LowLimit 70 55.1 PA Method 6740 295415 LowLimit 70 55.1 PA Method	HighLimit 130 146 8015M/D: Did Units: mg/k HighLimit 130 146	%RPD esel Range (g %RPD	e Organics RPDLimit	
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS Prep Date: 2/21/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-50592	Result 49 3.6 SampT Batch Analysis D Result 51 3.8 SampT	PQL 10 ype: LC 10: 500 ate: 2/ PQL 10 ype: ME 10: 500 ate: 500 a	SPK value	SPK Ref Val 0 Tes S SPK Ref Val 0	%REC 98.8 71.8 Code: EF RunNo: 66 SeqNo: 22 %REC 102 76.7	LowLimit	HighLimit 130 146 8015M/D: Did Units: mg/k HighLimit 130 146	%RPD esel Range %RPD esel Range	e Organics RPDLimit	
Diesel Range Organics (DRO) Surr: DNOP Sample ID: LCS-50593 Client ID: LCSS Prep Date: 2/21/2020 Analyte Diesel Range Organics (DRO) Surr: DNOP Sample ID: MB-50592 Client ID: PBS	Result 49 3.6 SampT Batch Analysis D Result 51 3.8 SampT Batch	PQL 10 ype: LC 10: 500 ate: 2/ PQL 10 ype: ME 10: 500 ate: 500 a	SPK value 50.00 5.000 5.000 SS 593 25/2020 SPK value 50.00 5.000 3LK 592 24/2020	SPK Ref Val 0 Tes S SPK Ref Val 0	%REC 98.8 71.8 Code: EF 22 76.7 Code: EF 24 Code: EF 25 Code: EF 2	LowLimit	HighLimit 130 146 8015M/D: Did Units: mg/k HighLimit 130 146 8015M/D: Did	%RPD esel Range %RPD esel Range	e Organics RPDLimit	

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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QC SUMMARY REPORT

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-50593	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID: PBS	Batch	n ID: 50	593	F	RunNo: 60	6740				
Prep Date: 2/21/2020	Analysis D	ate: 2/	25/2020	S	SeqNo: 2	295421	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	8.4		10.00		84.3	55.1	146			
Sample ID: LCS-50681	SampT	ype: LC	s	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	e Organics	
Client ID: LCSS	Batch	n ID: 50 0	681	F	RunNo: 60	6803				
Prep Date: 2/26/2020	Analysis D	ate: 2/	26/2020	S	SeqNo: 2	297105	Units: %Red	;		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.5		5.000	<u> </u>	90.3	55.1	146			_

Sample ID: MB-50681	SampType: MB	LK	Test	tCode: EF	PA Method	8015M/D: Die	sel Range	organics	
Client ID: PBS	Batch ID: 506	81	R	tunNo: 60	6803				
Prep Date: 2/26/2020	Analysis Date: 2/2	26/2020	S	SeqNo: 22	297106	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: L (CS	Tes	tCode: El	PA Method	8015M/D: Die	sel Range	Organics	
Client ID: LCSS	Batch ID: 50	0643	F	RunNo: 60	6803				
Prep Date: 2/25/2020	Analysis Date: 2	/26/2020	8	SeqNo: 2	297433	Units: %Rec	:		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	5.3	5.000		106	55.1	146			

Sample ID: MB-50643	SampType: MBLK	TestCode: EPA Method	I 8015M/D: Diesel Rang	e Organics
Client ID: PBS	Batch ID: 50643	RunNo: 66803		
Prep Date: 2/25/2020	Analysis Date: 2/26/2020	SeqNo: 2297434	Units: %Rec	
Analyte	Result PQL SPK valu	e SPK Ref Val %REC LowLimit	HighLimit %RPD	RPDLimit Qual
Surr: DNOP	12 10.0	0 120 55.1	146	

Qualifiers:

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

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

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OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2002910 28-Feb-20

WO#:

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

Page 16 of 17

OC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

2.6

0.88

0.094

2.814

0.9381

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: Analysis Date: 2/24/2020 SeqNo: 2294795 2/21/2020 Units: mg/Kg SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual Benzene ND 0.025 ND 0.050 0.050 ND

Toluene Ethylbenzene 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 Analysis Date: 2/24/2020 Prep Date: 2/21/2020 SeqNo: 2294796 Units: mg/Kg PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** LowLimit Qual 1.000 0.91 0.025 n 91.3 80 120 Benzene Toluene 0.95 0.050 1.000 0 95.0 80 120 0 97.0 80 0.97 0.050 1.000 120 Ethylbenzene 0 98.8 Xylenes, Total 3.0 0.10 3.000 80 120 0.90 Surr: 4-Bromofluorobenzene 1.000 90.3 80 120

SampType: MS TestCode: EPA Method 8021B: Volatiles Sample ID: 2002910-001ams Client ID: **AH-1 Surface** Batch ID: 50586 RunNo: 66747 Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294798 Units: mg/Kg Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual 0.80 0.023 0.9381 n 85.1 78.5 119 Benzene 0.047 0.9381 88.1 75.7 123 Toluene 0.84 0.01259 74.3 126 Ethylbenzene 0.87 0.047 0.9381 0.01369 918

0.01893

TestCode: EPA Method 8021B: Volatiles Sample ID: 2002910-001amsd SampType: MSD Client ID: **AH-1 Surface** Batch ID: 50586 RunNo: 66747 Prep Date: 2/21/2020 Analysis Date: 2/24/2020 SeqNo: 2294799 Units: mg/Kg SPK value SPK Ref Val **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit %RPD Qual 0.83 0.024 0.9569 0 86.2 78.5 119 3.30 20 Benzene 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 922 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 0.9569 95.7 0 0 0.92 80 120

Qualifiers:

Xylenes, Total

Surr: 4-Bromofluorobenzene

- 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

92.6

93.4

72.9

80

130

120

- Value above quantitation range
- Analyte detected below quantitation limits
- 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 Or	der Number	: 200	2910			RcptNo	: 1
Received By:	Juan 1	20,01	2/21/2020	8:00:00 AM	ĺ					
Completed By:	Erin Meler	ndrez	2/21/2020	8:36:10 AM			ul	M	-	
Reviewed By:	46 2	21/20								
Chain of Cus	stody									
1. Is Chain of C	Custody sufficie	ently complete	e?		Yes	V	No		Not Present	
2. How was the	sample delive	ered?			Cou	rier				
Log In										
3. Was an atter	mpt made to co	ool the sampl	es?		Yes	V	No		NA 🗌	
4. Were all sam	ples received	at a temperat	cure of >0° C to 6	6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in	proper contain	ner(s)?			Yes	V	No			
6. Sufficient san	nple volume fo	or indicated te	st(s)?		Yes	V	No			
7. Are samples	(except VOA a	and ONG) pro	perly preserved?		Yes	~	No			
8. Was preserva	ative added to	bottles?			Yes		No	✓	NA 🗆	
9. Received at le	east 1 vial with	headspace	<1/4" for AQ VOA	1?	Yes		No		NA 🗹	
10. Were any sa	mple containe	rs received b	oken?		Yes	14	No	~	# of preserved	
11. Does paperw (Note discrep	ork match bott ancies on cha				Yes	V	No		bottles checked for pH: (<2 o	r >12 unless noted)
12. Are matrices	correctly ident	ified on Chair	of Custody?		Yes	✓	No		Adjusted?	
13. Is it clear wha	at analyses we	re requested	?		Yes	~	No			
14. Were all hold (If no, notify c	ing times able sustomer for a				Yes	V	No		Checked by:	7/2 2/21/20
Special Hand	ling (if app	licable)						1		
15. Was client no	otified of all dis	screpancies v	vith this order?		Yes		No		NA 🗹	
Person	Notified:	- intervenental	#16000000000000000000000000000000000000	Date	- Aller	THE RESERVE OF THE PARTY OF THE				
By Wh	om: [THE RESIDENCE OF THE PARTY.	Via:	eM	ail 🗌	Phone	Fax [In Person	
Regard	ling:	Name of Street, Street			-	-				-
Client I	nstructions:							-		
16. Additional re	emarks:									
17. Cooler Info	rmation									
Cooler No		Condition	Seal Intact S	eal No	Seal D	ate	Signed E	Зу		
1	2.6	Good						An announce of transport and		
2	0.1	Good								

Singing Address: 703 6. Chard 23.		ANALYSIS LABORATOR
1605 C. CINION	Seme. Dis S	www.hallenvironmental.com
	スペアー444 ケ スペー4413 Project #:	- Albuqu
Phone #: 575-397-0570	DEV-20-010	Analysis Request
email or Fax#:	Project Manager:	(O)
COA/QC Package:	Aller, BSA	Gas on (8021
Accreditation	Sampler: Sa M. Lead) H9T O / O (1.8 (1.4) S 07S8 A,sON,e
□ EDD (Type)	Temperat	(GR 41) (GR 50) (GR 50) (GR 70) (GR 70) (GR 70)
Date Time Matrix Samula Bourset ID Co	ative	+ MTE Method (8310 8 Method (8310
	Type and # Type 700000	X H T T H T H T H T H T H T H T H T H T
02/17/25 & MH-1 Lowled	Jest - 001	3 3 4 4 4 1 1 1
1 125 S WHI 157	700-	
1235 8 MH2 Supere	-003	
126 8 MH-2 1FT	H00-	
1245 S 13H3 Surface	-005	
1247 S WH3, 14	-000	
1305 5 Att-4, Surper	1 -007	
1310 S AH-4 (F	-0.8°	
13/2 > A+5 Super	600-	
125 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	010-	
12 12 1 12 1 12 1 12 1 12 1 12 1 12 1	207	
Time: Reinquishe	Date Time	Remarks:
6 0730 C 30 Juny	2/20/20	
Date: Time: Relinquished by: Received	/by: Date	
_	CU	(21) 20 8:00



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

Page 3 of 13

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
- 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 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

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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 Sink	cs Draw 25 2RP 46	502 and 2RI	P 4687						
Sample ID: LCS-50593	SampType: L (cs	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 50	593	F	RunNo: 6	6740				
Prep Date: 2/21/2020	Analysis Date: 2	/25/2020	5	SeqNo: 2	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-50593	SampType: M	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch ID: 50	593	F	RunNo: 6	6740				
Prep Date: 2/21/2020	Analysis Date: 2	/25/2020	9	SeqNo: 2	295421	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			0.4.0	1	4.40			
Surr: DNOP	8.4	10.00		84.3	55.1	146			
Sample ID: LCS-50613	SampType: L (cs	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: LCSS	Batch ID: 50	613	F	RunNo: 6	6776				
Prep Date: 2/24/2020	Analysis Date: 2	/25/2020	5	SeqNo: 2	295573	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	97.4	70	130			
Surr: DNOP	4.3	5.000		85.3	55.1	146			
Sample ID: MB-50613	SampType: M	BLK	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: PBS	Batch ID: 50	613	F	RunNo: 6	6776				
Prep Date: 2/24/2020	Analysis Date: 2	/25/2020	8	SeqNo: 2	295575	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	10	10.00		102	55.1	146			
Sample ID: 2002912-003AMS	SampType: M	s ———	Tes	tCode: El	PA Method	8015M/D: Die	esel Rang	e Organics	
Client ID: AH-2 Surface	Batch ID: 50	613	F	RunNo: 6	6740				
Prep Date: 2/24/2020	Analysis Date: 2	/25/2020	8	SeqNo: 2	296994	Units: mg/K	(g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	47 9.5	47.53	3.642	91.9	47.4	136			
Surr: DNOP	4.8	4.753		101	55.1	146			

Qualifiers:

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

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

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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: 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	Qual
Diesel Range Organics (DRO)	57	9.6	47.80	3.642	112	47.4	136	18.9	43.4	
Surr: DNOP	5.8		4.780		121	55.1	146	0	0	

Qualifiers:

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

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

Client: Safety & Environmental Solutions

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

Sample ID: mb-50588	Samp	Гуре: МЕ	BLK	Tes	tCode: El					
Client ID: PBS	Batc	h ID: 50	588	F	RunNo: 6	6771				
Prep Date: 2/21/2020	Analysis [Date: 2/	25/2020	8	SeqNo: 2	296886	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	0.92		1.000		92.3	80	120			
Sample ID: LCS-50588	Samp	Гуре: LC	s	Tes	tCode: El	PA Method	8021B: Vola	tiles		
Client ID: LCSS	Batc	h ID: 50	588	F	RunNo: 6	6771				
D D	A !-		0=10000	,			11-20- 0			

Client ID: LCSS Batch ID: 50588 RunNo: 66771 Prep Date: 2/21/2020 Analysis Date: 2/25/2020 SeqNo: 2296887 Units: mg/Kg	
Prep Date: 2/21/2020 Analysis Date: 2/25/2020 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	SampT	ype: Mi	BLK	Tes	tCode: El	PA Method	8021B: Volat	iles		
Client ID: PBS	Batch	n ID: 50	628	F	RunNo: 6	6771				
Prep Date: 2/24/2020	Analysis D	ate: 2/	25/2020	S	SeqNo: 2	296910	Units: %Red	;		
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: El	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batch	n ID: 50	628	F	RunNo: 6	6771				
Prep Date: 2/24/2020	Analysis D	ate: 2/	/25/2020	S	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 Num	ber: 20029	12		RcptNo	: 1
Received By:)	Tucin Ro	ia s	2/21/20	20 8:00:00	AM				
Completed By:	Isaiah Ort		2/21/20	20 8:46:19	AM		ILC	4	
Reviewed By:	4621	4/10							
Chain of Cust	ody								
1. Is Chain of Cu	stody suffic	ently comple	te?		Yes	V	No 🗌	Not Present	
2. How was the s	sample deliv	ered?			Courie	<u>er</u>			
Log In									
3. Was an attemp	pt made to o	cool the samp	oles?		Yes	/	No 🗆	NA 🗆	
4. Were all samp	les received	at a tempera	ature of >0° C	to 6.0°C	Yes	V	No 🗌	NA 🗆	
5. Sample(s) in p	roper conta	iner(s)?			Yes	/	No 🗌		
6. Sufficient samp	ole volume f	or indicated to	est(s)?		Yes [/	No 🗆		
7. Are samples (e	except VOA	and ONG) pr	operly preserve	ed?	Yes	1	No 🗌		
8. Was preservati	ive added to	bottles?			Yes [No 🗸	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	oroken?		Yes		No 🗸	# of preserved bottles checked	
11. Does paperwoi (Note discrepa			<i>ı</i>)		Yes	/	No 🗆	for pH:	>12 unless noted)
12. Are matrices co	orrectly iden	tified on Chai	in of Custody?		Yes 5		No 🗆	Adjusted?	
13. Is it clear what	analyses we	ere requested	1?		Yes	/	No 🗌		00 1-1-
Were all holdin (If no, notify cu			1		Yes		No 🗌	Checked by:	JR 2/21/20
Special Handli	ng (if app	olicable)							
15. Was client not	ified of all d	screpancies	with this order?)	Yes		No 🗆	NA 🗹	
Person I	Notified:			Date	Г	en contrary			
By Whor			Mary State Community of the Community of	Via:	☐ eMai		Phone Fax	☐ In Person	
Regardin	Manufact 1	***************************************							
16. Additional ren	structions:								
17. Cooler Inform	Part and a second	Canadata	011-4-7	0.00	0	_ 1	0	ı	
Cooler No	Temp °C 2.6	Condition Good	Seal Intact Not Present	Seal No	Seal Dat	е	Signed By	No. of the Contract of the Con	
2	0.1	Good	Not Present	1				Annual contractors and the second contractors are second contractors are second contractors and the second contractors are second contra	

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If necessary, samples Adomitted to Hall Environmental may be subcontracted to other accredited laboratories	contracted to other accredited laboratori	This serves as notice	possibility. Any sub-	-contracted d	ata will be cle	arly notated o	in the analyti	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

Page 1 of 11

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
- 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-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	ANICS				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 Bat	tch
EPA METHOD 300.0: ANIONS					Analyst: CA	s
Chloride	ND	60	mg/Kg	20	10/15/2020 12:18:05 PM 558	348
EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BR	M
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/14/2020 2:24:50 PM 557	771
Motor Oil Range Organics (MRO)	57	48	mg/Kg	1	10/14/2020 2:24:50 PM 557	771
Surr: DNOP	97.0	30.4-154	%Rec	1	10/14/2020 2:24:50 PM 557	771
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NS	В
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 4:44:49 PM 557	766
Surr: BFB	99.1	75.3-105	%Rec	1	10/12/2020 4:44:49 PM 557	766
EPA METHOD 8021B: VOLATILES					Analyst: NS l	В
Benzene	ND	0.025	mg/Kg	1	10/12/2020 4:44:49 PM 557	766
Toluene	ND	0.049	mg/Kg	1	10/12/2020 4:44:49 PM 557	766
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 4:44:49 PM 557	766
Xylenes, Total	ND	0.099	mg/Kg	1	10/12/2020 4:44:49 PM 557	766
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	10/12/2020 4:44:49 PM 557	766

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-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

- 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

Page 8 of 11

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: 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

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

 Diesel Range Organics (DRO)
 43
 10
 50.00
 0
 87.0
 70
 130

 Surr: DNOP
 4.7
 5.000
 94.3
 30.4
 154

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

Client ID: PBS Batch ID: 55771 RunNo: 72618

Prep Date: 10/12/2020 Analysis Date: 10/13/2020 SeqNo: 2550265 Units: mg/Kg

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

Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 11 10.00 106 30.4 154

Qualifiers:

- Value exceeds Maximum Contaminant Level
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical 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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Surr: 4-Bromofluorobenzene

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 PBS Client ID: 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 LowLimit HighLimit %RPD **RPDLimit** Qual Analyte Result Benzene ND 0.025 Toluene ND 0.050 Ethylbenzene ND 0.050 Xylenes, Total ND 0.10

100

80

120

Sample ID: LCS-55766	SampT	ype: LC	S	Tes	tCode: El	PA Method	8021B: Volat	iles				
Client ID: LCSS	Batcl	n ID: 55 7	766	F	RunNo: 7	2598						
Prep Date: 10/10/2020	Analysis D	Date: 10)/12/2020	S	SeqNo: 2	548957	Units: mg/Kg					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.87	0.025	1.000	0	87.5	80	120					
Toluene	0.92	0.050	1.000	0	91.5	80	120					
Ethylbenzene	0.94	0.050	1.000	0	93.6	80	120					
Xylenes, Total	2.8	0.10	3.000	0	93.5	80	120					
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120					

1.000

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: clients.hallenvironmental.com

Sample Log-In Check List

	Safety & Environmental Solutions	mber: 201	0510			RcptNo: 1		
Received By:	Cheyenne Cason	10/9/2020 8:00:0	0 AM					
Completed By:	Juan Rojas	10/9/2020 8:50:2	4 AM		Hear	39		
Reviewed By: C	in	10/4/2			M. III			
Chain of Custo	<u>dy</u>							
1. Is Chain of Cust	ody complete?		Yes	~	No		Not Present	
2. How was the sa	mple delivered?		Cou	rier				
Log In								
	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	•	No		NA 🗌	
5. Sample(s) in pro	per container(s)?		Yes	V	No			
3. Sufficient sample	volume for indicated test((s)?	Yes	V	No			
7. Are samples (exc	cept VOA and ONG) prope	rly preserved?	Yes	V	No			
3. Was preservative	e added to bottles?		Yes		No	V	NA 🗆	
). 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	~		
	match bottle labels?		Yes	V	No		# of preserved bottles checked for pH:	/
	ies on chain of custody)				222.0			2 unless noted)
	ectly identified on Chain of	f Custody?		V	No	41	Adjusted?	
	alyses were requested? imes able to be met?			V	No		Checked by:	210/9/20
	omer for authorization.)		Yes	V	No	_	спескей ву:	c (0)*(/(
pecial Handling	(if applicable)					1		
	d of all discrepancies with	this order?	Yes		No		NA 🗸	
Person Not	ified:	Date				-		
By Whom:		Via:		il 🔲	Phone [Fax	In Person	
Regarding:								
Client Instru	uctions:							
6. Additional remar	ks:							
7 Cooleans								
 Cooler Informat Cooler No 		eal Intact Seal No	Coal D	4.5	Clarent			
1 4.		eal Intact Seal No	Seal Da	ite	Signed B	у		

Received by OCD: 11/14/2022	2:50:15 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	### BTEX / MTBE / TMB's (8021) ### PH:8015D(GRO / DRO / MRO) ### BOB1 Pesticides/8082 PCB's ### BOB1 Pesticides/8082 PCB's ### BOB1 Pesticides/8082 PCB's ### BOB1 Pesticides/8082 PCB's #### BOB1 Pesticides/8082 PCB's #### BOB1 Pesticides/8082 PCB's #### BOB1 PORT	Time: Relinquished by: Received by: Via: Date Time Remarks: Not All All
Turn-Around Time: 5 Com Standard Rush Project Name: Devon 25 Fl Com 1 M RATTORY 2 RP-4194 Project #:	Sampler: Set Lum Sampler: Set Lum On Ice:	Received by: Via: Date Time Re Received by: Via: Date Time Received by: Via: Date Time Office
Chain-of-Custody Record E. Selitz & Gultonumstell Selietus 19 Address: 703 G. Churton Lebbe NW 88240 e#: 575-347-0570	#: Level 4 (Full Validation)	Relinquished by: Relinquished by: CHUMMMM ary, samples submitted to HaiPEnvironmental may be subco
Clien Mailir Phon	email or Fax#: email or Fax#: OA/OC Package: Date Time Cub	Date: Time: 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

Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-1 North

 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
- 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: 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

- 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: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-3 South

 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 ORG	ANICS				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

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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

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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

ND

11

50

10.00

Sample ID: LCS-55771	SampT	ype: LC	S	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: LCSS	Batch	ID: 55 7	771	F	RunNo: 7 2					
Prep Date: 10/12/2020	Analysis D	ate: 10)/13/2020	5	SeqNo: 2550264 Units: mg/Kg					
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	уре: МЕ	BLK	Tes	tCode: El	PA Method	8015M/D: Di	esel Range	e Organics	
Client ID: PBS	Batch	ID: 55 7	771	F	RunNo: 7	2618				
Prep Date: 10/12/2020	Analysis D	ate: 10)/13/2020	5	SeqNo: 2	550265	Units: mg/k	(g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10		•	•			•		

Sample ID: 2010509-001AMS SampType: MS				TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: H-1 North	Batch	ID: 55 7	771	RunNo: 72640						
Prep Date: 10/12/2020	Analysis D	ate: 10	/14/2020	SeqNo: 2550924			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	35	9.3	46.34	5.976	63.1	15	184			
Surr: DNOP	4.0		4.634		86.2	30.4	154			

106

30.4

154

Sample ID: 2010509-001AMSD	SampT	/pe: MS	SD .	TestCode: EPA Method 8015M/D: Diesel Range Organics						
Client ID: H-1 North	Batch	Batch ID: 55771 RunNo: 72640								
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	0	

Qualifiers:

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

Motor Oil Range Organics (MRO)

Surr: DNOP

- 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#: **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: mg/Kg SPK value SPK Ref Val %RPD **RPDLimit** Analyte Result PQL %REC LowLimit HighLimit Qual Benzene ND 0.025 ND 0.050 0.050 ND

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

Sample ID: 2010509-001ams SampType: MS TestCode: EPA Method 8021B: Volatiles Client ID: H-1 North Batch ID: 55766 RunNo: 72598 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 76.3 0.90 0.025 0.9980 n 120 Benzene Toluene 0.94 0.050 0.9980 0.01312 92.7 78.5 120 0 96.4 78.1 Ethylbenzene 0.96 0.050 0.9980 124 Xylenes, Total 2.9 0.10 2.994 0 96.6 79.3 125 Surr: 4-Bromofluorobenzene 0.9980 1.0 103 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 Date: 10/12/2020 SeqNo: 2548960 Units: mg/Kg SPK value SPK Ref Val %REC **RPDLimit** Analyte Result PQL LowLimit HighLimit %RPD Qual 0.85 0.024 0.9747 0 86.8 76.3 120 5.85 20 Benzene 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 0.9747 102 120 0 0 1.0 80

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

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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

	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) 0828 8270 (Semi-VOA) Total Coliform (Present/Absent)	Date Time Remarks: 8/30 1/30 PM
HALL ENVI ANALYSIS www.hallenvironm 4901 Hawkins NE - Albuquer Tel. 505-345-3975 Fax 50	RTEX MTBE TMB's (8021) RTEX MTBE TMB's (8021) RO81 Pesticides/8082 PCB's PPHs by 8310 or 8270SIMS RCRA 8 Metals RCRA 8 Met	Remarks: But to Amy Sub-contracted data will be cle
5 Ceny 2572 Cen / H	D No D No D No D No D No D No D No D No	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Turn-Around Time: Standard Rush Project Name: Devien Ry Startery Project #: DEV-20-010	Project Manager: Manager: Sampler: Sampler: Sampler: Sampler: Cooler Temp(including cr): Cooler Temp(including cr):	Received by: Via: Received by: Via: Received by: Via: Connected to other accredited laborate
Chain-of-Custody Record Client: Sutt, + Gullenment Solvetore Solvetore Suiling Address: 703 & Cluetore (Lebbs N. M. 88240 Phone #: 575-397-05/0	Date Time Matrix Sample Name Date Time Matrix Sample Name Date Time Name Name Name Name Name Name Name Na	Date: Time: Relinquished by: Was: Pate: Time: Relinquished by: Was: Pate: Time: Relinquished by: Was Pate: Pate: 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 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

- 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

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

Page 2 of 10

Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental 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 PM	1 55839
EPA METHOD 8015D MOD: GASOLINE RANGE					Analyst:	JMR
Gasoline Range Organics (GRO)	ND	4.9	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Surr: BFB	104	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
EPA METHOD 8015M/D: DIESEL RANGE ORGA	NICS				Analyst:	mb
Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	10/13/2020 4:19:47 AM	55765
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	10/13/2020 4:19:47 AM	55765
Surr: DNOP	84.6	30.4-154	%Rec	1	10/13/2020 4:19:47 AM	55765
EPA METHOD 8260B: VOLATILES SHORT LIST					Analyst:	JMR
Benzene	ND	0.024	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Toluene	ND	0.049	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Ethylbenzene	ND	0.049	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Xylenes, Total	ND	0.097	mg/Kg	1	10/12/2020 5:59:26 AM	55760
Surr: 1,2-Dichloroethane-d4	90.2	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
Surr: 4-Bromofluorobenzene	101	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
Surr: Dibromofluoromethane	102	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760
Surr: Toluene-d8	97.8	70-130	%Rec	1	10/12/2020 5:59:26 AM	55760

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

Qualifiers:

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

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

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Date Reported: 10/15/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions Client Sample ID: H-9 East

 Project:
 Devon Big Sinks Draw 25 Fed Com 1H
 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
- 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-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	A 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

Page 6 of 10

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

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** Analyte Result Qual Diesel Range Organics (DRO) ND 10 Motor Oil Range Organics (MRO) ND 50 Surr: DNOP 9.2 30.4 10.00 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 Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD **RPDLimit** Qual

,							0
Diesel Range Organics (DRO)	43	10	50.00	0	86.6	70	130
Surr: DNOP	4.1		5.000		83.0	30.4	154

Qualifiers:

- Value exceeds Maximum Contaminant Level
- 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 10

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	TestCode: EPA Method 8260B: Volatiles Short List							
Client ID: BatchQC	Batch	n ID: 55 7	760	F	RunNo: 7 2							
Prep Date: 10/10/2020	Analysis D	oate: 10	/11/2020	8	SeqNo: 2	548379	Units: mg/k	(g				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Benzene	0.94	0.025	1.000	0	93.8	80	120					
Toluene	1.0	0.050	1.000	0	102	80	120					
Ethylbenzene	1.0	0.050	1.000	0	102	80	120					
Xylenes, Total	3.2	0.10	3.000	0	105	80	120					
Surr: 1,2-Dichloroethane-d4	0.46		0.5000		91.3	70	130					
Surr: 4-Bromofluorobenzene	0.52		0.5000		105	70	130					
Surr: Dibromofluoromethane	0.53		0.5000		107	70	130					
Surr: Toluene-d8	0.50		0.5000		99.9	70	130					

Sample ID: mb-55760	Samp ⁻	Гуре: МЕ	BLK	Tes	tCode: El	PA Method	8260B: Volat	iles Short	List	
Client ID: PBS	Batc	h ID: 55	760	F	RunNo: 7	2577				
Prep Date: 10/10/2020	Analysis [Date: 10	0/11/2020	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

PQL SPK value SPK Ref Val %REC HighLimit %RPD **RPDLimit** Analyte Result LowLimit Qual 0 Gasoline Range Organics (GRO) 21 5.0 25.00 82.5 70 130

 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 & En Solutions	vironmental	Work Order Numb	er: 201	0506			RcptNo: 1	
Received By: Cheyenne	Cason	10/9/2020 8:00:00 A	М					
Completed By: Juan Rojas	5	10/9/2020 8:37:26 A	М		House	39		
Reviewed By: Cv-C		10/9/2						
Chain of Custody								
 Is Chain of Custody complete 	ete?		Yes	~	No		Not Present	
2. How was the sample delive	red?		Cou	<u>ırier</u>				
Log In								
3. Was an attempt made to co	ool the samples?		Yes	V	No		NA 🗆	
4. Were all samples received a	at a temperature o	of >0° C to 6.0°C	Yes	V	No		NA 🗆	
5. Sample(s) in proper contain	er(s)?		Yes	V	No			
3. Sufficient sample volume for	r indicated test(s)	?	Yes	~	No [
7. Are samples (except VOA a	nd ONG) properly	preserved?	Yes	~	No [
3. Was preservative added to t	oottles?		Yes		No E	V	NA 🗆	
. Received at least 1 vial with	headspace <1/4"	for AQ VOA?	Yes		No [NA 🗹	
0. Were any sample container	s received broken	?	Yes		No	~	Work Control of	/
1. Does paperwork match bottl			Yes	V	No [# of preserved bottles checked for pH:	
(Note discrepancies on chair 2. Are matrices correctly identified		unto du O	V	V	No [(<2 or >12 unless not Adjusted?	ed)
3. Is it clear what analyses wer		ustody?	Yes		No [7	/	
4. Were all holding times able t (If no, notify customer for au	o be met?		Yes		No []	Checked by: JR 10 (a	12
pecial Handling (if appl						98		
5. Was client notified of all disc		is order?	Yes		No I		NA 🗹	
Person Notified:		Date				_		
By Whom:		Via:	☐ eM	ail 🔲 F	Phone 🔲	Fax	☐ In Person	
Regarding:								
Client Instructions:								
6. Additional remarks:								
7. Cooler Information								
Cooler No Temp °C	Condition Sea	I Intact Seal No	Seal D	oto	Signed By	. Ou		

NTAL	2/14/20															Page 89 of
BOR OH	Fax 505-345-4107			20	22	12/	20	X			_	^	X			
A A S	-345	sent	(tnesdA\ti				2247000									
SIS	502 202	Rec		()			S) 07S8									ξ.
SI	Fax	Analysis Request			_		v) 0928									\$
		Ana	PO4, SO4	.cON			RCRA E									
HALL ENVIRON ANALYSIS LABC www.hallenvironmental.com	Tel. 505-345-3975		SMIS	1/78 1			PAHs b				-					to Derm
Id > 5	5-345	H	01110		2000		EDB (N									9
	. 505		bcB,8				9 1808									2
5	Te		O / MRO)	Я	ово	leb(08:H9T	X)	X			arks:
			(1508) s'	8MT	/ 38	TM	NETEX /	X			/	_	X			Remarks
STAP Bu / H				S. C.	100	-0.2=4.8 (°C)	HEAL NO.	-601	200	-003	1000-	-005	-000-			Date Time Date Time
d Time: Sour	1- 20 6	3	lager: BS	30 20) (2) -	Cooler Temp(including CF): $\mathcal{G}_{-}\mathcal{O}_{-}$	Preservative Type	FE	New							Mmmmm Iby: Via:
Turn-Around Time: E Standard Project Name: A	Project #:	3	Project Manage	Sampler:	# of Coolers:	Cooler Temp	Container Type and #			_	1	. —	-			Received by: Received by:
Chain-of-Custody Record E. Stity + Con Unerworded Solutions 19 Address: 705 6. Charton	88240	11-0210	□ Level 4 (Full Validation)	☐ Az Compliance			Sample Name	H-S NOWTH	A-6 WEST	4-7 CASI	4-8 WEST	14-9 GAST	H-10 Secret			ed by:
1-of-C1	N.W	2,2	ö	□ Az Co			Matrix	2	V.	\ \	S	S	N			Relinquished by: Relinquished by:
Client: Suth Y	shops	ne #: 7	email or Fax#: QA/QC Package: E Standard	Accreditation:	□ EDD (Type)		Time	(24	(3/6)	1340	1405	1420	2	\parallel		Time:
Clier	2/7/20	Phone #:	email 6/40 12:50:24 A	Accr			Date	19/01	-	1		^	8			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 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	Qual Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS					Analyst	: VP
Chloride	ND	59	mg/Kg	20	11/6/2020 12:59:27 PM	56258
EPA METHOD 8015M/D: DIESEL RANGE 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	SANICS				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	SANICS				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

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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

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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**

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 %RPD **RPDLimit** Qual 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

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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

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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

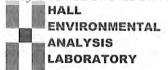
Sample ID: LCS-56173	CS-56173 SampType: LCS				tCode: EF	PA Method	8021B: Volat	iles		
Client ID: LCSS	Batcl	n ID: 56 1	173	F	RunNo: 7 :	3115				
Prep Date: 11/3/2020	Analysis D	oate: 11	/4/2020	5	SeqNo: 2	571770	Units: mg/K			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	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

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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 Num	ber: 201	1059		RcptNo	o: 1
Received By:	Emily Mocho	11/3/2020 8:00:00	АМ				
Completed By:	Desiree Dominguez	11/3/2020 8:52:20	AM		TO		
Reviewed By:	ENM	11/3/20					
Chain of Cus	stody						
1. Is Chain of C	Custody complete?		Yes	~	No 🗌	Not Present	
2. How was the	sample delivered?		Cou	rier			
Log In							
3. Was an atter	mpt made to cool the samp	oles?	Yes	V	No 🗌	NA 🗌	
4. Were all sam	ples received at a tempera	ature of >0° C to 6.0°C	Yes	V	No 🗌	NA 🗆	
5. Sample(s) in	proper container(s)?		Yes	~	No 🗌		
6. Sufficient san	nple volume for indicated t	est(s)?	Yes	V	No 🗌		
7. Are samples	(except VOA and ONG) pr	operly preserved?	Yes	~	No 🗌		
8. Was preserva	ative added to bottles?		Yes		No 🗸	NA 🗆	
9. Received at le	east 1 vial with headspace	<1/4" for AQ VOA?	Yes		No 🗌	NA 🗸	
10. Were any sa	mple containers received t	oroken?	Yes		No 🗸		
						# of preserved bottles checked	
	ork match bottle labels? ancies on chain of custody	0	Yes	V	No 🗔	for pH: (<2 (or 12 unless noted)
	correctly identified on Cha		Yes	~	No 🗆	Adjusted?	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	at analyses were requested		Yes	V	No 🗌		540 444
	ing times able to be met?		Yes	V	No 🗌	Checked by:	DAD 11/3/20
Special Hand	ling (if applicable)						
15. Was client ne	otified of all discrepancies	with this order?	Yes		No 🗌	NA 🗹	
Person	Notified:	Date		-			
By Wh	om:	Via:	_ eM	ail 🔲	Phone Fa	x In Person	
Regard	ding:						
Client I	Instructions:						
16. Additional re	emarks:						
17. Cooler Info	rmation						
Cooler No		Seal Intact Seal No	Seal D	ate	Signed By		
2	2.4 Good 3.9 Good	Yes Yes					

Lecived by OCD: 11/14/2022	:50:15 PM			Page 100 of 1
IALL ENVIRONMENTAL NALYSIS LABORATOR www.hallenvironmental.com ns NE - Albuquerque, NM 87109 5-3975 Fax 505-345-4107 Analysis Request	Total Coliform (Present/Absent)			3 28
HALL ENVI ANALYSIS www.hallenvironmekins NE - Albuquer 845-3975 Fax 50	\$260 (VOA)			3
1 1 m 1 1 2	SCRA 8 Metals Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄			intact Sun
ANALL ANALL ANWw.hall 4901 Hawkins NE - Tel. 505-345-3975	SMIS0728 10 0188 yd sHAC			1 3
Hawk 105-34	(I.403 bodfed)	15 ST 17 ST 25		1 So of a
4901 I	TPH:8015D(GRO \ DRO \ MRO)			
	BTEX / MTBE / TMB's (8021)	100		Remarks:
12	(0)			8
5 day rugh 125 720 Cm/1	20110-2.4 3,9 ±0=3.9 HEAL NO.	100-	500,	Date Time
Bus Bus Drug Drug Drug Drug Drug Drug Drug Drug	ager:	33		Via:
Turn-Around Time: TStandard Project Name: De Sin/Ks D 2 R 5 P 2 R 5 P 5 P 5 P 5 P 5 P 5 P 5 P 5 P 5 P 5	Project Manager: Sampler: On Ice: # of Coolers: Cooler Temp(including cF): Container Preserva Type and # Type			Received by:
Stody Record Whomed of Thome Thome Thome Thome State State	☐ Level 4 (Full Validation) ☐ Az Compliance ☐ Other	7 3	4-15 Wesi Wau 4-14 South Wau	ad by:
in-of-Cu			NN	Relinquished by:
Client: Sust	©A/QC Package: ☐ Standard Accreditation: ☐ EDD (Type) Date Time	070)	32	Time:
Client: A Mailing A Mailing A Phone #:	QA/QC Packe QA/QC Packe GA/QC Packe GA/GC	200	72	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 ORGA	ANICS				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 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

1.5

Prep Date: 11/6/2020 Analysis Date: 11/6/2020 SeqNo: 2575835 Units: mg/Kg

15.00

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Result PQL HighLimit Qual Analyte 0

91.5

Qualifiers:

Chloride

Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

Н 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

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

Sample ID: MB-56183 SampType: MBLK TestCode: EPA Method 8015M/D: Diesel Range Organics
Client ID: PBS Batch ID: 56183 RunNo: 73122

Prop Pater 44/2/2020 Applied Pater 44/2020 Sephiei 2574205 Ulaite, mar/l/gr

Prep Date: 11/3/2020 Analysis Date: 11/4/2020 SeqNo: 2571825 Units: mg/Kg

Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual
Diesel Range Organics (DRO) ND 10

Motor Oil Range Organics (MRO) ND 50

Surr: DNOP 11 10.00 115 30.4 154

Sample ID: LCS-56183 SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics

Client ID: LCSS Batch ID: 56183 RunNo: 73122

Prep Date: 11/3/2020 Analysis Date: 11/4/2020 SeqNo: 2571826 Units: mg/Kg

SPK value SPK Ref Val %REC %RPD **RPDLimit** Analyte Result PQL LowLimit HighLimit Qual Diesel Range Organics (DRO) 10 49 50.00 97.7 130 Surr: DNOP 5.1 5.000 101 30.4 154

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: %Rec

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

 Surr: DNOP
 5.3
 5.000
 106
 30.4
 154

Sample ID: MB-56174 SampType: MBLK TestCode: EPA Method 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: %Rec

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

Surr: DNOP 12 10.00 116 30.4 154

Qualifiers:

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

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

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
- 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 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				tCode: EF					
Client ID: PBS	Batcl	n ID: 56 1	177	RunNo: 73150						
Prep Date: 11/3/2020	Analysis D)ate: 11	/5/2020	SeqNo: 2573202			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	0.94		1.000		94.2	80	120			

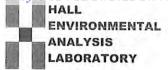
Sample ID: LCS-56177	SampT	ype: LC	S	TestCode: EPA Method 8021B: Volatiles						
Client ID: LCSS	Batcl	n ID: 56 1	177	F	RunNo: 7 :	3150				
Prep Date: 11/3/2020	Analysis D	oate: 11	/5/2020	8	SeqNo: 2	573203	Units: mg/K	g		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	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			

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 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 & Solutions	Environmental	Work Order Numbe	r: 201	1060		F	RcptNo: 1
Received By: Emily M	ocho	11/3/2020 8:00:00 AM	Ā				
Completed By: Desiree	Dominguez	11/3/2020 9:00:08 AM	1		TOS		
Reviewed By: ENM		11/3/20					
Chain of Custody							
1. Is Chain of Custody complete?			Yes	V	No 🗆	Not Preser	it 🖂
2. How was the sample delivered?			Cou	rier			
Log In							
3. Was an attempt made to cool the samples?			Yes	~	No 🗆] NA	A .
4. Were all samples receive	ed at a temperature of	of >0° C to 6.0°C	Yes	~	No 🗆] NA	A \square
5. Sample(s) in proper container(s)?			Yes	~	No 🗆	1	
6. Sufficient sample volume for indicated test(s)?			Yes	~	No 🗆		
7. Are samples (except VOA and ONG) properly preserved?			Yes	~	No 🗌		
8. Was preservative added to bottles?			Yes		No 🗸	NA	
9. Received at least 1 vial w	rith headspace <1/4	for AQ VOA?	Yes		No 🗌	NA	
10. Were any sample containers received broken?			Yes		No 🗸	# of preserved	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)			Yes	V	No 🗆	bottles checked for pH:	(<2 or >12 unless noted)
2. Are matrices correctly identified on Chain of Custody?			Yes	~	No 🗌	Adjuste	d?
3. Is it clear what analyses were requested?			Yes	V	No 🗌	/	
14. Were all holding times able to be met? (If no, notify customer for authorization.)			Yes	V	No 🗌	Checked	1 by: DAD 11/3/20
Special Handling (if ap	plicable)						
15. Was client notified of all	discrepancies with t	nis order?	Yes		No 🗆] N/	
Person Notified:		Date:				-	
By Whom:		Via:	eM	ail 🔲	Phone Fa	ax In Person	
Regarding:							
Client Instructions:							
16. Additional remarks:							
17. <u>Cooler Information</u> Cooler No Temp °C			Seal D	ate	Signed By		
2 3.9	Good Yes Good Yes						

Received by OCD: 11/14/2022	:50:15 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) 8270 (Semi-VOA) Total Coliform (Present/Absent)		intalt g_{iM} it $ 3 $ ∞ b-contracted data will be clearly notated on the analytical report.
901 H	8081 Pesticides/8082 PCB's		Ks:
4 -	(S021) (OAM \ OAD \ OAD)G2\(10)		Remarks:
Turn-Around Time: Standard Rush Standard Rush Project Name: Devow 25 FOlew Mt Project #: Project #:	Project Manager: All Manager: Sampler: Sampler:	Feet - 003	Received by: Via: Date Time Range Sime Received by: Via: Date Time $\mathcal{E}M$ COULTIER II 3/20 800 bcontracted to other accredited laboratories. This serves as notice of this po
Client: Syla + Conthonnet Land Record Client: Syla + Conthonnet Land Solutions Mailing Address: 703 & Chuthon Kelohs NM 88240 Phone #: 575-397-6510	email or Fax#: QA/QC Package: Table Time Matrix Sample Name Capport Cappor	1 126 5 SP-19 14 Roll 126 5 H-14 North Will	Date: Time: Relinquished by: Received by: Via: Date Time Remarks: 1/2/20 1/900 Perceived by: Via: Date Time Perceived



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

andyl

4901 Hawkins NE

Albuquerque, NM 87109

Analytical Report Lab Order 2011068

Date Reported: 11/10/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: SP-6 1 Ft Bottom

Project: Devon Big Sinks Draw 25 Fed Com 1H

Collection 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	Qual 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 ORG	SANICS				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

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

Client ID: PBS Batch ID: 56321 RunNo: 73210

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

Analyte 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

1.5

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

15.00

SPK value SPK Ref Val %REC LowLimit %RPD **RPDLimit** Result PQL HighLimit Qual Analyte 0

92.5

90

Qualifiers:

Chloride

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

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

Page 3 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-56195	SampType: MBLK			TestCode: EPA Method 8015M/D: Diesel Range Organics							
Client ID: PBS	Batcl	h ID: 56 ′	195	RunNo: 73122							
Prep Date: 11/4/2020	Analysis D	Date: 11	/5/2020	SeqNo: 2573228			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	SampType: LCS TestCode: EPA Method 8015M/D: Diesel Range Organics									
Client ID: LCSS	Batcl	h ID: 56 ′	195	F	RunNo: 7 :	3122					

Sample ID. LC3-36193	3amp rype. LC3				restocue. EFA Method outsim/D. Diesel Kange Organics					
Client ID: LCSS	Batch	ID: 56 1	195	F	RunNo: 7 :	3122				
Prep Date: 11/4/2020	Analysis D	ate: 11	/5/2020	SeqNo: 2573229			Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	43	10	50.00	0	86.4	70	130			
Surr: DNOP	4.4		5.000		87.7	30.4	154			

Qualifiers:

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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 8					8015D: Gaso	line Range	е	
Client ID: LCSS	Batch ID: 561	185	R	RunNo: 73179					
Prep Date: 11/3/2020	Analysis Date: 11	/6/2020	S	eqNo: 25	574317	Units: mg/K	g		
Analyte	Result PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22 5.0	25.00	0	88.6	72.5	106			0
Surr: BFB	1100	1000		108	75.3	105			S
Sample ID: mb-56185	SampType: MBLK TestCode: EPA Method			8015D: Gaso	line Rang	е			
Client ID: PBS	Batch ID: 561	185	R	unNo: 7 3	3179				
Prep Date: 11/3/2020	Analysis Date: 11	/6/2020	S	eqNo: 25	574320	Units: mg/K	g		
Analyte		SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND 5.0	4000		07.5	75.0	405			
Surr: BFB	970	1000		97.5	75.3	105			
Sample ID: mb-56250	SampType: ME	BLK	Test	Code: EF	PA Method	8015D: Gaso	line Rang	е	
Client ID: PBS	Batch ID: 562	250	R	unNo: 7 3	3203				
Prep Date: 11/6/2020	Analysis Date: 11	/7/2020	S	eqNo: 25	574783	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: LC	S	Test	Code: EF	PA Method	8015D: Gaso	line Rang	е	
Client ID: LCSS	Batch ID: 562	250	R	unNo: 7 3	3203				
Prep Date: 11/6/2020	Analysis Date: 11	/7/2020	S	eqNo: 25	574784	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: MB	BLK	Test	Code: EF	PA Method	8015D: Gaso	line Rang	е	
	SampType: MB Batch ID: 562			Code: EF unNo: 7 3		8015D: Gaso	line Rang	е	
Sample ID: mb-56254		254	R		3203	8015D: Gasol		e	
Sample ID: mb-56254 Client ID: PBS	Batch ID: 562	254 /8/2020	R	unNo: 7 3	3203			e RPDLimit	Qual
Sample ID: mb-56254 Client ID: PBS Prep Date: 11/6/2020	Batch ID: 562 Analysis Date: 11	254 /8/2020	R	unNo: 7 3 eqNo: 2 5	3203 574807	Units: %Rec	:		Qual
Sample ID: mb-56254 Client ID: PBS Prep Date: 11/6/2020 Analyte	Batch ID: 562 Analysis Date: 11 Result PQL	254 /8/2020 SPK value 1000	SPK Ref Val	unNo: 73 eqNo: 25 %REC 94.1	3203 574807 LowLimit 75.3	Units: %Rec HighLimit	%RPD	RPDLimit	Qual
Sample ID: mb-56254 Client ID: PBS Prep Date: 11/6/2020 Analyte Surr: BFB	Batch ID: 562 Analysis Date: 11 Result PQL 940	254 /8/2020 SPK value 1000	SPK Ref Val	unNo: 73 eqNo: 25 %REC 94.1	3203 574807 LowLimit 75.3 PA Method	Units: %Rec HighLimit 105	%RPD	RPDLimit	Qual
Sample ID: mb-56254 Client ID: PBS Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56254	Batch ID: 562 Analysis Date: 11 Result PQL 940 SampType: LC	254 /8/2020 SPK value 1000 S	R SPK Ref Val Test	unNo: 7 3 eqNo: 25 %REC 94.1 Code: EF	3203 574807 LowLimit 75.3 PA Method 3203	Units: %Rec HighLimit 105	%RPD	RPDLimit	Qual
Sample ID: mb-56254 Client ID: PBS Prep Date: 11/6/2020 Analyte Surr: BFB Sample ID: Ics-56254 Client ID: LCSS	Batch ID: 562 Analysis Date: 11 Result PQL 940 SampType: LC Batch ID: 562	254 /8/2020 SPK value 1000 S 254 /8/2020	R SPK Ref Val Test	unNo: 7 3 eqNo: 2 5 %REC 94.1 Code: EF unNo: 7 3	3203 574807 LowLimit 75.3 PA Method 3203	Units: %Rec HighLimit 105 8015D: Gasol	%RPD	RPDLimit	Qual

Qualifiers:

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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 Tes					e: EPA Method 8021B: Volatiles					
Client ID: LCSS	Batch II	D: 561	85	R	RunNo: 73179						
Prep Date: 11/3/2020	Analysis Dat	e: 11	/6/2020	S	SeqNo: 2574369 U			its: mg/Kg			
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	6185 SampType: MBLK TestCode: EPA Method 8021B: Volatiles										
Client ID: PBS	Batch ID: 56185			R	unNo: 7 3	3179					
Prep Date: 11/3/2020	Analysis Dat	e: 11	/6/2020	S	eqNo: 25	74372	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	SampTyp	e: MB	LK	Test	Code: EF	PA Method	8021B: Volat	iles			
Client ID: PBS	Batch II	D: 562	:50	R	unNo: 7 3	3203					
Prep Date: 11/6/2020	Analysis Dat	e: 11	/7/2020	S	eqNo: 25	74958	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	SampTyp	e: LC	S	Test	Code: EF	PA Method	8021B: Volat	iles			
Client ID: LCSS	Batch II	D: 562	:50	R	unNo: 7 3	3203					
J											
Prep Date: 11/6/2020	Analysis Dat	e: 11	/7/2020	S	eqNo: 25	74959	Units: %Red	;			
	•	e: 11 . PQL		SPK Ref Val	eqNo: 25 %REC	574959 LowLimit	Units: %Red HighLimit	%RPD	RPDLimit	Qual	
Prep Date: 11/6/2020	•				•				RPDLimit	Qual	
Prep Date: 11/6/2020 Analyte	Result	PQL	SPK value 1.000	SPK Ref Val	%REC 102	LowLimit 80	HighLimit	%RPD	RPDLimit	Qual	
Prep Date: 11/6/2020 Analyte Surr: 4-Bromofluorobenzene	Result 1.0	PQL pe: MB	SPK value 1.000	SPK Ref Val	%REC 102	LowLimit 80 PA Method	HighLimit 120	%RPD	RPDLimit	Qual	
Prep Date: 11/6/2020 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-56254	Result 1.0 SampTyp	PQL pe: MB D: 562	1.000 LK	SPK Ref Val Test	%REC 102 Code: EF	LowLimit 80 PA Method 3203	HighLimit 120	%RPD	RPDLimit	Qual	
Prep Date: 11/6/2020 Analyte Surr: 4-Bromofluorobenzene Sample ID: mb-56254 Client ID: PBS	Result 1.0 SampTyp Batch II Analysis Dat	PQL pe: MB D: 562	SPK value 1.000 LK 254 /8/2020	SPK Ref Val Test	%REC 102 Code: EF unNo: 7 3	LowLimit 80 PA Method 3203	HighLimit 120 8021B: Volat	%RPD	RPDLimit RPDLimit	Qual	

Qualifiers:

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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

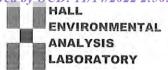
Surr: 4-Bromofluorobenzene 0.99 1.000 99.0 80 120

Qualifiers:

- Value exceeds Maximum Contaminant Level.
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- H Holding times for preparation or analysis exceeded
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- 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 EAV: 505-345-4107

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	1068		RcptNo	o: 1
Received By:	Emily Mocho	11/3/2020 8:00:00 AM	6.9				
Completed By:	Emily Mocho	11/3/2020 9:35:06 AM					
Reviewed By:	ENM	11/3/20					
Chain of Cus	stody						
1. Is Chain of C	ustody complete?		Yes	V	No 🗌	Not Present	
2. How was the	sample delivered?		Cou	rier			
Log In							
	npt made to cool the samples	5?	Yes	~	No 🗌	NA 🗆	
4. Were all sam	ples received at a temperatur	re 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	~	No 🗌		
7. Are samples (except VOA and ONG) prope	erly preserved?	Yes	V	No 🗌		
8. Was preserva	tive added to bottles?		Yes		No 🗹	NA 🗌	
9. Received at le	east 1 vial with headspace <1	/4" for AQ VOA?	Yes		No 🗆	NA 🗸	
10. Were any sar	mple containers received brol	ken?	Yes		No 🗸	# of preserved	
	ork match bottle labels? ancies on chain of custody)		Yes	v	No 🗆	bottles checked for pH:	or >12 unless noted)
12. Are matrices	correctly identified on Chain of	of Custody?	Yes	V	No 🗌	Adjusted?	
13. Is it clear wha	t analyses were requested?		Yes	V	No 🗌	-	
	ng times able to be met? ustomer for authorization.)		Yes	~	No 🗌	Checked by:	DAD 11/3/20
Special Handl	ling (if applicable)						
15. Was client no	otified of all discrepancies wit	h this order?	Yes		No 🗌	NA 🗹	
Person	Notified:	Date:					
By Who	om:	Via:	eM	ail 🔲	Phone Fax	In Person	
Regard	ing:						
Client I	nstructions:						
16. Additional re	marks:						
17. Cooler Infor Cooler No 1 2	Temp °C Condition 2.4 Good Y	Seal Intact Seal No Ses Ses	Seal D	ate	Signed By		

Received by OCD: 11/14/2022	:50:15 PM	Page 119 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	### BTEX / MTBE / TMB's (8021) ### PESTICIDES / DRO / MRO) ### BOB1 Pesticides/8082 PCB's ### BOB1 Pesticides/8082 PCB's ### BOB1 Pesticides/8082 PCB's ### BOB1 Pesticides/8082 PCB's ### PAHs by 8310 or 8270sIMS ### RCRA 8 Metals ### CI, F, Br, NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### CI, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ ### BCRA 8 Metals ### BCR	Time: Relinquished by: Received by: Received by: Via: Date Time Remarks:
Turn-Around Time: Solay rush	Project Manager: ## No Sampler: 2 A Sampler: 3 A Sampler	Received by: Via: Date Time R
Chain-of-Custody Record Client: Styly + Gullwormun Al Solutions Mailing Address: 703 5- Clunton Koliba W.M. 88240 Phone #: 575-397-0570	email or Fax#: QA/QC Package: GA/QC Package: GA/QC Package: Bacreditation: CACreditation: CACREDIAN Accreditation: CACREDIAN	Date: Time: Relinquished by: 10 10 10 10 10 10 10 1

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 158643

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	158643
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

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