

**Devon Energy Production Company
Tresnor Mitchell 30 Federal 2**

**Closure Report
Unit Letter F, Section 30, T23S, R32E
Lea County, New Mexico**

nOY1707430714

pOY1707430757

30-025-32754

1RP-4644

June 23, 2020



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
Tom Bynum	Devon Energy	580-748-1613	Tom.Bynum@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 on the Tresnor Mitchell 30 Federal 2, concerning a 10 bbl. release of oil and produced water. This site is situated in Lea County, Section 30, Township 23S, and Range 32E.

According to the C-141: Approximately nine (9) BBLS of produced water and one (1) BBL of oil was released from a two (2) inch poly transition line due to high line pressure caused by paraffin blockage. A vacuum truck recovered seven and a half (7.50) BBLS of produced water and a half (0.50) BBL of oil. Safety & Environmental Solutions was contacted for remediation.

SESI personnel assessed the site in December of 2017 by performing sampling. SESI then submitted a work plan to NMOCD in March of 2018. Olivia Yu of NMOCD approved the work plan on April 3, 2018.

In March of 2020, it was discovered by both Devon and SESI that this release had never been closed. Therefore, Devon requested a re-assessment of the release site to determine if the spill had been cleaned up to the new more stringent standards so this release could be closed.

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 584' 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 May 13, 2020, SESI personnel returned to the location to perform sampling to determine if the release had in fact been cleaned up. SESI advanced 5 test trenches (TT-5 THRU TT-9) at or very near the previous sampling locations from the approved work plan. SESI also performed an additional 10 samples (TT-10 THRU TT-19) to establish horizontal extent of the release. The samples were properly packaged and preserved and sent to Hall Laboratories for analyzation. The results of the testing are captured in the summary below:

Devon Energy Tresnor Mitchell 30 Fed #2 Soil Sample Results: Hall Environmental Laboratories 5/13/20								
SAMPLE ID	Chloride	DRO	MRO	GRO	Benzene	Toluene	Ethyl benzene	Total Xylenes
TT-5 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND
TT-5 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-6 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND
TT-6 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-7 @ SURFACE	230	ND	ND	ND	ND	ND	ND	ND
TT-7 @ 1'	68	ND	ND	ND	ND	ND	ND	ND
TT-8 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND
TT-8 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
TT-9 @ SURFACE	ND	ND	ND	ND	ND	ND	ND	ND
TT-9 @ 1'	ND	ND	ND	ND	ND	ND	ND	ND
HORIZONTAL SAMPLES								
TT-10 @ N WALL	ND	ND	ND	ND	ND	ND	ND	ND
TT-11 @ N WALL	110	ND	ND	ND	ND	ND	ND	ND
TT-12 @ S WALL	99	ND	ND	ND	ND	ND	ND	ND
TT-13 @ S WALL	ND	ND	ND	ND	ND	ND	ND	ND
TT-14 @ N WALL	110	ND	ND	ND	ND	ND	ND	ND
TT-15 @ E WALL	ND	ND	ND	ND	ND	ND	ND	ND
TT-16 @ E WALL	100	ND	ND	ND	ND	ND	ND	ND
TT-17 @ S WALL	110	ND	ND	ND	ND	ND	ND	ND
TT-18 @ S WALL	ND	ND	ND	ND	ND	ND	ND	ND
TT-19 @ N WALL	ND	ND	ND	ND	ND	ND	ND	ND

Closure Request

Based on the results of the confirmation and horizontal sampling, SESI along with Devon believe this site has been properly remediated. Furthermore, Devon has since plugged and abandoned this well and intends to reclaim the surface in the near future. Therefore, SESI, on behalf of Devon Energy respectfully requests closure approval. Description of the remediation and photos are not available.



Supplemental Documentation for Closure

Map of Release with sample locations
NMOCD Oil and Gas Map
Laboratory Analysis 5/13/20
C-141, page 6

Devon, Tresnor Mitchell 30 Fed #2

1RP-4644
nOY1707430714
pOY1707430757
Leak date: 3/5/17

Legend

-  Confirmation and Horizontal extent samples
-  SPILL AREA (blue)

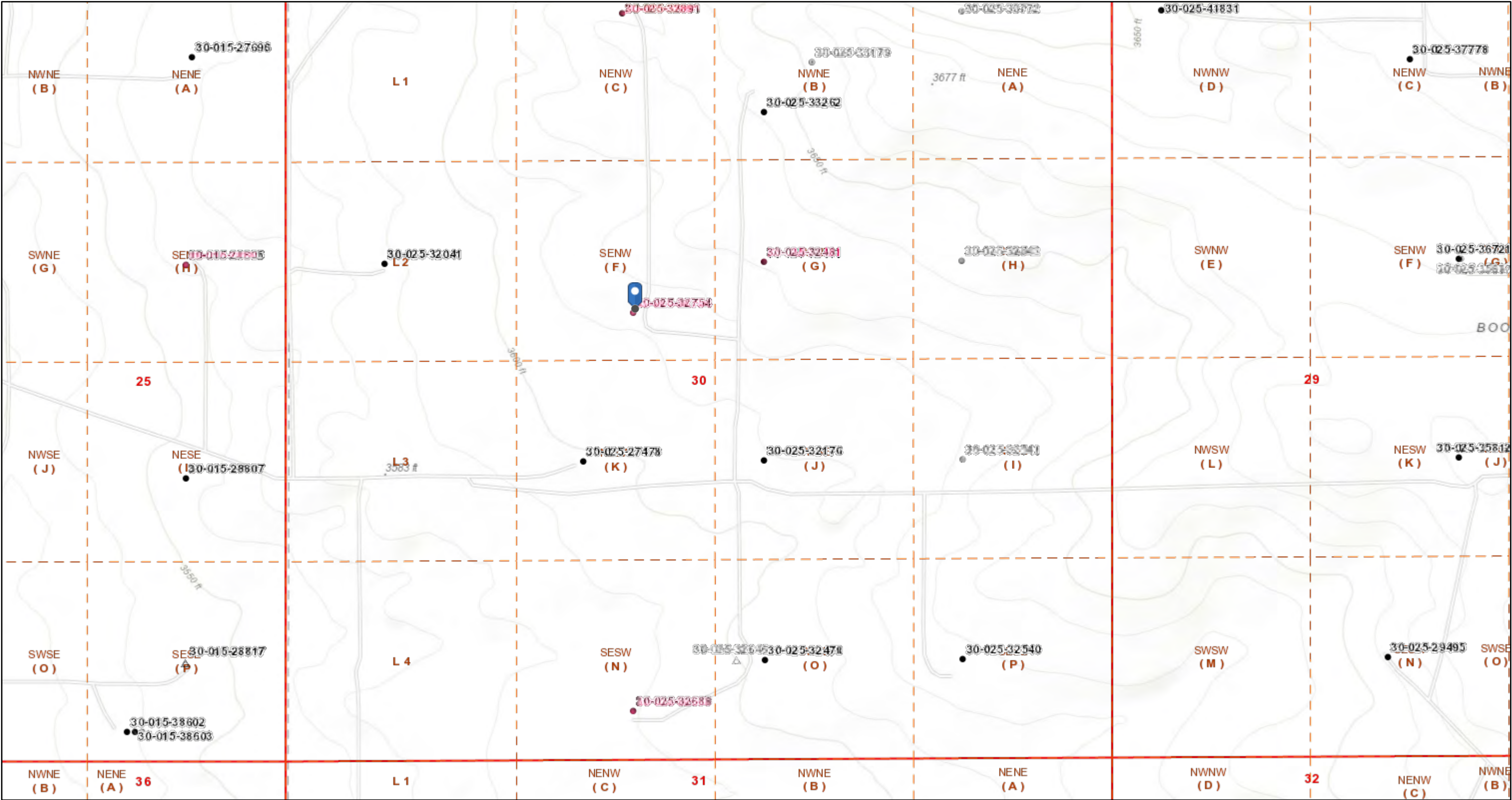


Google Earth



100 ft

Tresnor Mitchell 30 Federal 2



6/22/2020, 10:20:52 AM

- Wells - Large Scale
- ✱

CO2, Temporarily Abandoned

✱

Gas, Active

✱

Gas, Cancelled

✱

Gas, New

✱

Gas, Plugged

✱

Gas, Temporarily Abandoned
- ✱

CO2, Active

✱

CO2, Cancelled

✱

CO2, New

✱

CO2, Plugged
- ✱

Injection, Active

✱

Injection, Cancelled

✱

Injection, New

✱

Injection, Plugged

✱

Injection, Temporarily Abandoned
- ✱

Oil, Active

●

Oil, Cancelled

●

Oil, New

●

Oil, Plugged

●

Oil, Temporarily Abandoned

△

Salt Water Injection, Active

△

Salt Water Injection, Cancelled

△

Salt Water Injection, New

△

Salt Water Injection, Plugged

△

Salt Water Injection, Temporarily Abandoned

●

Water, Active

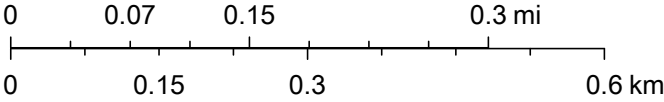
●

Water, Cancelled

●

Water, New

1:9,028



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI,



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

May 22, 2020

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

RE: Devon Tresnor Mitchell 30 Fed 2

OrderNo.: 2005674

Dear Bob Allen:

Hall Environmental Analysis Laboratory received 20 sample(s) on 5/15/2020 for the analyses presented in the following report.

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

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

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

Sincerely,

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

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-5 Surface

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 8:40:00 AM

Lab ID: 2005674-001

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 6:46:25 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2020 5:17:51 PM	52503
Surr: BFB	95.4	70-130		%Rec	1	5/17/2020 5:17:51 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/20/2020 1:42:45 AM	52529
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/20/2020 1:42:45 AM	52529
Surr: DNOP	109	55.1-146		%Rec	1	5/20/2020 1:42:45 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/17/2020 5:17:51 PM	52503
Toluene	ND	0.049		mg/Kg	1	5/17/2020 5:17:51 PM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2020 5:17:51 PM	52503
Xylenes, Total	ND	0.098		mg/Kg	1	5/17/2020 5:17:51 PM	52503
Surr: 1,2-Dichloroethane-d4	88.6	70-130		%Rec	1	5/17/2020 5:17:51 PM	52503
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	5/17/2020 5:17:51 PM	52503
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/17/2020 5:17:51 PM	52503
Surr: Toluene-d8	95.7	70-130		%Rec	1	5/17/2020 5:17:51 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-5 1'

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 8:45:00 AM

Lab ID: 2005674-002

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 7:23:26 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2020 6:43:52 PM	52503
Surr: BFB	95.7	70-130		%Rec	1	5/17/2020 6:43:52 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/20/2020 3:19:51 AM	52529
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/20/2020 3:19:51 AM	52529
Surr: DNOP	109	55.1-146		%Rec	1	5/20/2020 3:19:51 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/17/2020 6:43:52 PM	52503
Toluene	ND	0.050		mg/Kg	1	5/17/2020 6:43:52 PM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2020 6:43:52 PM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/17/2020 6:43:52 PM	52503
Surr: 1,2-Dichloroethane-d4	87.4	70-130		%Rec	1	5/17/2020 6:43:52 PM	52503
Surr: 4-Bromofluorobenzene	91.9	70-130		%Rec	1	5/17/2020 6:43:52 PM	52503
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/17/2020 6:43:52 PM	52503
Surr: Toluene-d8	96.9	70-130		%Rec	1	5/17/2020 6:43:52 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-6 Surface

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 9:00:00 AM

Lab ID: 2005674-003

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 8:00:28 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2020 8:09:30 PM	52503
Surr: BFB	90.6	70-130		%Rec	1	5/17/2020 8:09:30 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/20/2020 3:44:05 AM	52529
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/20/2020 3:44:05 AM	52529
Surr: DNOP	116	55.1-146		%Rec	1	5/20/2020 3:44:05 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/17/2020 8:09:30 PM	52503
Toluene	ND	0.050		mg/Kg	1	5/17/2020 8:09:30 PM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2020 8:09:30 PM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/17/2020 8:09:30 PM	52503
Surr: 1,2-Dichloroethane-d4	85.5	70-130		%Rec	1	5/17/2020 8:09:30 PM	52503
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	5/17/2020 8:09:30 PM	52503
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/17/2020 8:09:30 PM	52503
Surr: Toluene-d8	94.2	70-130		%Rec	1	5/17/2020 8:09:30 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-6 1'

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 9:05:00 AM

Lab ID: 2005674-004

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 8:12:49 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2020 8:38:11 PM	52503
Surr: BFB	91.7	70-130		%Rec	1	5/17/2020 8:38:11 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/20/2020 4:08:24 AM	52529
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/20/2020 4:08:24 AM	52529
Surr: DNOP	128	55.1-146		%Rec	1	5/20/2020 4:08:24 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/17/2020 8:38:11 PM	52503
Toluene	ND	0.050		mg/Kg	1	5/17/2020 8:38:11 PM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2020 8:38:11 PM	52503
Xylenes, Total	ND	0.10		mg/Kg	1	5/17/2020 8:38:11 PM	52503
Surr: 1,2-Dichloroethane-d4	87.1	70-130		%Rec	1	5/17/2020 8:38:11 PM	52503
Surr: 4-Bromofluorobenzene	90.0	70-130		%Rec	1	5/17/2020 8:38:11 PM	52503
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/17/2020 8:38:11 PM	52503
Surr: Toluene-d8	96.4	70-130		%Rec	1	5/17/2020 8:38:11 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-7 Surface

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 9:20:00 AM

Lab ID: 2005674-005

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	230	60		mg/Kg	20	5/20/2020 8:25:09 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2020 9:06:46 PM	52503
Surr: BFB	92.1	70-130		%Rec	1	5/17/2020 9:06:46 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/20/2020 4:32:25 AM	52529
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/20/2020 4:32:25 AM	52529
Surr: DNOP	87.1	55.1-146		%Rec	1	5/20/2020 4:32:25 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/17/2020 9:06:46 PM	52503
Toluene	ND	0.050		mg/Kg	1	5/17/2020 9:06:46 PM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2020 9:06:46 PM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/17/2020 9:06:46 PM	52503
Surr: 1,2-Dichloroethane-d4	86.6	70-130		%Rec	1	5/17/2020 9:06:46 PM	52503
Surr: 4-Bromofluorobenzene	90.4	70-130		%Rec	1	5/17/2020 9:06:46 PM	52503
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/17/2020 9:06:46 PM	52503
Surr: Toluene-d8	95.0	70-130		%Rec	1	5/17/2020 9:06:46 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-7 1'

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 9:25:00 AM

Lab ID: 2005674-006

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	68	60		mg/Kg	20	5/20/2020 8:37:31 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2020 9:35:27 PM	52503
Surr: BFB	91.3	70-130		%Rec	1	5/17/2020 9:35:27 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/20/2020 4:56:38 AM	52529
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/20/2020 4:56:38 AM	52529
Surr: DNOP	98.5	55.1-146		%Rec	1	5/20/2020 4:56:38 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/17/2020 9:35:27 PM	52503
Toluene	ND	0.049		mg/Kg	1	5/17/2020 9:35:27 PM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2020 9:35:27 PM	52503
Xylenes, Total	ND	0.097		mg/Kg	1	5/17/2020 9:35:27 PM	52503
Surr: 1,2-Dichloroethane-d4	84.3	70-130		%Rec	1	5/17/2020 9:35:27 PM	52503
Surr: 4-Bromofluorobenzene	91.0	70-130		%Rec	1	5/17/2020 9:35:27 PM	52503
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/17/2020 9:35:27 PM	52503
Surr: Toluene-d8	94.9	70-130		%Rec	1	5/17/2020 9:35:27 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-8 Surface

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 10:00:00 AM

Lab ID: 2005674-007

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 8:49:51 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2020 10:04:15 PM	52503
Surr: BFB	92.5	70-130		%Rec	1	5/17/2020 10:04:15 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/20/2020 5:20:37 AM	52529
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/20/2020 5:20:37 AM	52529
Surr: DNOP	100	55.1-146		%Rec	1	5/20/2020 5:20:37 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/17/2020 10:04:15 PM	52503
Toluene	ND	0.049		mg/Kg	1	5/17/2020 10:04:15 PM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2020 10:04:15 PM	52503
Xylenes, Total	ND	0.097		mg/Kg	1	5/17/2020 10:04:15 PM	52503
Surr: 1,2-Dichloroethane-d4	86.5	70-130		%Rec	1	5/17/2020 10:04:15 PM	52503
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	5/17/2020 10:04:15 PM	52503
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/17/2020 10:04:15 PM	52503
Surr: Toluene-d8	94.8	70-130		%Rec	1	5/17/2020 10:04:15 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-8 1'

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 10:15:00 AM

Lab ID: 2005674-008

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 9:02:12 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2020 10:33:05 PM	52503
Surr: BFB	95.3	70-130		%Rec	1	5/17/2020 10:33:05 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/20/2020 5:44:50 AM	52529
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/20/2020 5:44:50 AM	52529
Surr: DNOP	118	55.1-146		%Rec	1	5/20/2020 5:44:50 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/17/2020 10:33:05 PM	52503
Toluene	ND	0.050		mg/Kg	1	5/17/2020 10:33:05 PM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2020 10:33:05 PM	52503
Xylenes, Total	ND	0.10		mg/Kg	1	5/17/2020 10:33:05 PM	52503
Surr: 1,2-Dichloroethane-d4	86.6	70-130		%Rec	1	5/17/2020 10:33:05 PM	52503
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	5/17/2020 10:33:05 PM	52503
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/17/2020 10:33:05 PM	52503
Surr: Toluene-d8	97.2	70-130		%Rec	1	5/17/2020 10:33:05 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-9 Surface

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 10:20:00 AM

Lab ID: 2005674-009

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 9:14:32 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/17/2020 11:02:01 PM	52503
Surr: BFB	94.8	70-130		%Rec	1	5/17/2020 11:02:01 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/20/2020 6:08:55 AM	52529
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/20/2020 6:08:55 AM	52529
Surr: DNOP	111	55.1-146		%Rec	1	5/20/2020 6:08:55 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/17/2020 11:02:01 PM	52503
Toluene	ND	0.049		mg/Kg	1	5/17/2020 11:02:01 PM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/17/2020 11:02:01 PM	52503
Xylenes, Total	ND	0.098		mg/Kg	1	5/17/2020 11:02:01 PM	52503
Surr: 1,2-Dichloroethane-d4	83.0	70-130		%Rec	1	5/17/2020 11:02:01 PM	52503
Surr: 4-Bromofluorobenzene	89.9	70-130		%Rec	1	5/17/2020 11:02:01 PM	52503
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/17/2020 11:02:01 PM	52503
Surr: Toluene-d8	97.2	70-130		%Rec	1	5/17/2020 11:02:01 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-9 1'

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 10:35:00 AM

Lab ID: 2005674-010

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 9:26:53 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/17/2020 11:31:11 PM	52503
Surr: BFB	94.0	70-130		%Rec	1	5/17/2020 11:31:11 PM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/20/2020 6:33:01 AM	52529
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/20/2020 6:33:01 AM	52529
Surr: DNOP	88.9	55.1-146		%Rec	1	5/20/2020 6:33:01 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/17/2020 11:31:11 PM	52503
Toluene	ND	0.050		mg/Kg	1	5/17/2020 11:31:11 PM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/17/2020 11:31:11 PM	52503
Xylenes, Total	ND	0.10		mg/Kg	1	5/17/2020 11:31:11 PM	52503
Surr: 1,2-Dichloroethane-d4	84.7	70-130		%Rec	1	5/17/2020 11:31:11 PM	52503
Surr: 4-Bromofluorobenzene	92.0	70-130		%Rec	1	5/17/2020 11:31:11 PM	52503
Surr: Dibromofluoromethane	106	70-130		%Rec	1	5/17/2020 11:31:11 PM	52503
Surr: Toluene-d8	95.0	70-130		%Rec	1	5/17/2020 11:31:11 PM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-10 North Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 11:00:00 AM

Lab ID: 2005674-011

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 9:39:15 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 12:00:02 AM	52503
Surr: BFB	95.9	70-130		%Rec	1	5/18/2020 12:00:02 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/20/2020 6:57:01 AM	52529
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/20/2020 6:57:01 AM	52529
Surr: DNOP	87.3	55.1-146		%Rec	1	5/20/2020 6:57:01 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 12:00:02 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 12:00:02 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 12:00:02 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 12:00:02 AM	52503
Surr: 1,2-Dichloroethane-d4	86.0	70-130		%Rec	1	5/18/2020 12:00:02 AM	52503
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	5/18/2020 12:00:02 AM	52503
Surr: Dibromofluoromethane	107	70-130		%Rec	1	5/18/2020 12:00:02 AM	52503
Surr: Toluene-d8	96.2	70-130		%Rec	1	5/18/2020 12:00:02 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-11 North Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 11:15:00 AM

Lab ID: 2005674-012

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	110	60		mg/Kg	20	5/20/2020 9:51:35 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 2:25:55 AM	52503
Surr: BFB	93.7	70-130		%Rec	1	5/18/2020 2:25:55 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/20/2020 7:22:47 AM	52529
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/20/2020 7:22:47 AM	52529
Surr: DNOP	56.7	55.1-146		%Rec	1	5/20/2020 7:22:47 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 2:25:55 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 2:25:55 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 2:25:55 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 2:25:55 AM	52503
Surr: 1,2-Dichloroethane-d4	84.7	70-130		%Rec	1	5/18/2020 2:25:55 AM	52503
Surr: 4-Bromofluorobenzene	95.0	70-130		%Rec	1	5/18/2020 2:25:55 AM	52503
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/18/2020 2:25:55 AM	52503
Surr: Toluene-d8	91.1	70-130		%Rec	1	5/18/2020 2:25:55 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-12 South Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 11:25:00 AM

Lab ID: 2005674-013

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	99	60		mg/Kg	20	5/20/2020 10:28:36 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 2:55:04 AM	52503
Surr: BFB	93.9	70-130		%Rec	1	5/18/2020 2:55:04 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/20/2020 7:46:51 AM	52529
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/20/2020 7:46:51 AM	52529
Surr: DNOP	70.5	55.1-146		%Rec	1	5/20/2020 7:46:51 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.024		mg/Kg	1	5/18/2020 2:55:04 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 2:55:04 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 2:55:04 AM	52503
Xylenes, Total	ND	0.097		mg/Kg	1	5/18/2020 2:55:04 AM	52503
Surr: 1,2-Dichloroethane-d4	89.3	70-130		%Rec	1	5/18/2020 2:55:04 AM	52503
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	5/18/2020 2:55:04 AM	52503
Surr: Dibromofluoromethane	110	70-130		%Rec	1	5/18/2020 2:55:04 AM	52503
Surr: Toluene-d8	93.2	70-130		%Rec	1	5/18/2020 2:55:04 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-13 South Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 11:40:00 AM

Lab ID: 2005674-014

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	ND	60		mg/Kg	20	5/20/2020 10:40:56 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 3:24:07 AM	52503
Surr: BFB	94.1	70-130		%Rec	1	5/18/2020 3:24:07 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	5/20/2020 8:11:03 AM	52529
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/20/2020 8:11:03 AM	52529
Surr: DNOP	87.6	55.1-146		%Rec	1	5/20/2020 8:11:03 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 3:24:07 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 3:24:07 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 3:24:07 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 3:24:07 AM	52503
Surr: 1,2-Dichloroethane-d4	84.1	70-130		%Rec	1	5/18/2020 3:24:07 AM	52503
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	5/18/2020 3:24:07 AM	52503
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/18/2020 3:24:07 AM	52503
Surr: Toluene-d8	93.8	70-130		%Rec	1	5/18/2020 3:24:07 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-14 North Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 12:20:00 PM

Lab ID: 2005674-015

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: MRA
Chloride	110	60		mg/Kg	20	5/20/2020 10:53:17 PM	52597
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 3:52:47 AM	52503
Surr: BFB	94.2	70-130		%Rec	1	5/18/2020 3:52:47 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/20/2020 8:35:15 AM	52529
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/20/2020 8:35:15 AM	52529
Surr: DNOP	79.1	55.1-146		%Rec	1	5/20/2020 8:35:15 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 3:52:47 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 3:52:47 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 3:52:47 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 3:52:47 AM	52503
Surr: 1,2-Dichloroethane-d4	87.9	70-130		%Rec	1	5/18/2020 3:52:47 AM	52503
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	5/18/2020 3:52:47 AM	52503
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/18/2020 3:52:47 AM	52503
Surr: Toluene-d8	96.0	70-130		%Rec	1	5/18/2020 3:52:47 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-15 East Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 12:45:00 PM

Lab ID: 2005674-016

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	5/21/2020 1:06:27 PM	52628
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/18/2020 4:21:21 AM	52503
Surr: BFB	98.8	70-130		%Rec	1	5/18/2020 4:21:21 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	5/20/2020 8:59:30 AM	52529
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/20/2020 8:59:30 AM	52529
Surr: DNOP	74.0	55.1-146		%Rec	1	5/20/2020 8:59:30 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 4:21:21 AM	52503
Toluene	ND	0.050		mg/Kg	1	5/18/2020 4:21:21 AM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/18/2020 4:21:21 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 4:21:21 AM	52503
Surr: 1,2-Dichloroethane-d4	88.9	70-130		%Rec	1	5/18/2020 4:21:21 AM	52503
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	5/18/2020 4:21:21 AM	52503
Surr: Dibromofluoromethane	104	70-130		%Rec	1	5/18/2020 4:21:21 AM	52503
Surr: Toluene-d8	100	70-130		%Rec	1	5/18/2020 4:21:21 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-16 East Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 1:15:00 PM

Lab ID: 2005674-017

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	100	60		mg/Kg	20	5/21/2020 1:43:29 PM	52628
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 4:49:48 AM	52503
Surr: BFB	91.3	70-130		%Rec	1	5/18/2020 4:49:48 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	8.8		mg/Kg	1	5/20/2020 9:23:28 AM	52529
Motor Oil Range Organics (MRO)	ND	44		mg/Kg	1	5/20/2020 9:23:28 AM	52529
Surr: DNOP	64.9	55.1-146		%Rec	1	5/20/2020 9:23:28 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 4:49:48 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 4:49:48 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 4:49:48 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 4:49:48 AM	52503
Surr: 1,2-Dichloroethane-d4	85.6	70-130		%Rec	1	5/18/2020 4:49:48 AM	52503
Surr: 4-Bromofluorobenzene	91.2	70-130		%Rec	1	5/18/2020 4:49:48 AM	52503
Surr: Dibromofluoromethane	102	70-130		%Rec	1	5/18/2020 4:49:48 AM	52503
Surr: Toluene-d8	93.6	70-130		%Rec	1	5/18/2020 4:49:48 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-17 South Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 1:25:00 PM

Lab ID: 2005674-018

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	110	60		mg/Kg	20	5/21/2020 1:55:50 PM	52628
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 5:18:14 AM	52503
Surr: BFB	93.1	70-130		%Rec	1	5/18/2020 5:18:14 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/20/2020 9:47:42 AM	52529
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/20/2020 9:47:42 AM	52529
Surr: DNOP	92.4	55.1-146		%Rec	1	5/20/2020 9:47:42 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 5:18:14 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 5:18:14 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 5:18:14 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 5:18:14 AM	52503
Surr: 1,2-Dichloroethane-d4	86.8	70-130		%Rec	1	5/18/2020 5:18:14 AM	52503
Surr: 4-Bromofluorobenzene	92.9	70-130		%Rec	1	5/18/2020 5:18:14 AM	52503
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/18/2020 5:18:14 AM	52503
Surr: Toluene-d8	94.3	70-130		%Rec	1	5/18/2020 5:18:14 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-18 South Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 1:45:00 PM

Lab ID: 2005674-019

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	5/21/2020 2:08:12 PM	52628
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/18/2020 5:46:50 AM	52503
Surr: BFB	92.5	70-130		%Rec	1	5/18/2020 5:46:50 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	5/20/2020 10:11:56 AM	52529
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/20/2020 10:11:56 AM	52529
Surr: DNOP	79.8	55.1-146		%Rec	1	5/20/2020 10:11:56 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 5:46:50 AM	52503
Toluene	ND	0.049		mg/Kg	1	5/18/2020 5:46:50 AM	52503
Ethylbenzene	ND	0.049		mg/Kg	1	5/18/2020 5:46:50 AM	52503
Xylenes, Total	ND	0.099		mg/Kg	1	5/18/2020 5:46:50 AM	52503
Surr: 1,2-Dichloroethane-d4	86.9	70-130		%Rec	1	5/18/2020 5:46:50 AM	52503
Surr: 4-Bromofluorobenzene	88.9	70-130		%Rec	1	5/18/2020 5:46:50 AM	52503
Surr: Dibromofluoromethane	101	70-130		%Rec	1	5/18/2020 5:46:50 AM	52503
Surr: Toluene-d8	95.0	70-130		%Rec	1	5/18/2020 5:46:50 AM	52503

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

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

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Analytical Report

Lab Order 2005674

Date Reported: 5/22/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Safety & Environmental Solutions

Client Sample ID: TT-19 North Wall

Project: Devon Tresnor Mitchell 30 Fed 2

Collection Date: 5/13/2020 2:00:00 PM

Lab ID: 2005674-020

Matrix: SOIL

Received Date: 5/15/2020 9:15:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS							Analyst: CAS
Chloride	ND	60		mg/Kg	20	5/21/2020 2:20:33 PM	52628
EPA METHOD 8015D MOD: GASOLINE RANGE							Analyst: JMR
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/18/2020 6:15:27 AM	52503
Surr: BFB	90.3	70-130		%Rec	1	5/18/2020 6:15:27 AM	52503
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS							Analyst: BRM
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	5/20/2020 10:36:11 AM	52529
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/20/2020 10:36:11 AM	52529
Surr: DNOP	83.7	55.1-146		%Rec	1	5/20/2020 10:36:11 AM	52529
EPA METHOD 8260B: VOLATILES SHORT LIST							Analyst: JMR
Benzene	ND	0.025		mg/Kg	1	5/18/2020 6:15:27 AM	52503
Toluene	ND	0.050		mg/Kg	1	5/18/2020 6:15:27 AM	52503
Ethylbenzene	ND	0.050		mg/Kg	1	5/18/2020 6:15:27 AM	52503
Xylenes, Total	ND	0.10		mg/Kg	1	5/18/2020 6:15:27 AM	52503
Surr: 1,2-Dichloroethane-d4	86.2	70-130		%Rec	1	5/18/2020 6:15:27 AM	52503
Surr: 4-Bromofluorobenzene	90.7	70-130		%Rec	1	5/18/2020 6:15:27 AM	52503
Surr: Dibromofluoromethane	103	70-130		%Rec	1	5/18/2020 6:15:27 AM	52503
Surr: Toluene-d8	94.5	70-130		%Rec	1	5/18/2020 6:15:27 AM	52503

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

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

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

WO#: 2005674

22-May-20

Client: Safety & Environmental Solutions**Project:** Devon Tresnor Mitchell 30 Fed 2

Sample ID: MB-52597	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 52597	RunNo: 69038								
Prep Date: 5/20/2020	Analysis Date: 5/20/2020	SeqNo: 2391724 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-52597	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 52597	RunNo: 69038								
Prep Date: 5/20/2020	Analysis Date: 5/20/2020	SeqNo: 2391725 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.7	90	110			

Sample ID: MB-52628	SampType: mblk	TestCode: EPA Method 300.0: Anions								
Client ID: PBS	Batch ID: 52628	RunNo: 69084								
Prep Date: 5/21/2020	Analysis Date: 5/21/2020	SeqNo: 2392566 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: LCS-52628	SampType: lcs	TestCode: EPA Method 300.0: Anions								
Client ID: LCSS	Batch ID: 52628	RunNo: 69084								
Prep Date: 5/21/2020	Analysis Date: 5/21/2020	SeqNo: 2392567 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.5	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 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#: 2005674

22-May-20

Client: Safety & Environmental Solutions**Project:** Devon Tresnor Mitchell 30 Fed 2

Sample ID: 2005674-001AMS	SampType: MS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-5 Surface	Batch ID: 52529	RunNo: 69011								
Prep Date: 5/18/2020	Analysis Date: 5/20/2020	SeqNo: 2390109 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	42	9.9	49.41	2.925	79.4	47.4	136			
Surr: DNOP	4.1		4.941		83.6	55.1	146			

Sample ID: 2005674-001AMSD	SampType: MSD	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: TT-5 Surface	Batch ID: 52529	RunNo: 69011								
Prep Date: 5/18/2020	Analysis Date: 5/20/2020	SeqNo: 2390110 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	52	9.6	48.17	2.925	103	47.4	136	21.8	43.4	
Surr: DNOP	5.3		4.817		110	55.1	146	0	0	

Sample ID: LCS-52529	SampType: LCS	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: LCSS	Batch ID: 52529	RunNo: 69011								
Prep Date: 5/18/2020	Analysis Date: 5/20/2020	SeqNo: 2390123 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	10	50.00	0	101	70	130			
Surr: DNOP	5.5		5.000		111	55.1	146			

Sample ID: MB-52529	SampType: MBLK	TestCode: EPA Method 8015M/D: Diesel Range Organics								
Client ID: PBS	Batch ID: 52529	RunNo: 69011								
Prep Date: 5/18/2020	Analysis Date: 5/20/2020	SeqNo: 2390125 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		117	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 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#: 2005674

22-May-20

Client: Safety & Environmental Solutions**Project:** Devon Tresnor Mitchell 30 Fed 2

Sample ID: mb-52503	SampType: MBLK	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: PBS	Batch ID: 52503	RunNo: 68970								
Prep Date: 5/16/2020	Analysis Date: 5/17/2020	SeqNo: 2387536	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 1,2-Dichloroethane-d4	0.43		0.5000		86.5	70	130			
Surr: 4-Bromofluorobenzene	0.45		0.5000		90.5	70	130			
Surr: Dibromofluoromethane	0.51		0.5000		102	70	130			
Surr: Toluene-d8	0.48		0.5000		96.0	70	130			

Sample ID: lcs-52503	SampType: LCS	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: LCSS	Batch ID: 52503	RunNo: 68970								
Prep Date: 5/16/2020	Analysis Date: 5/17/2020	SeqNo: 2387537	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	99.9	70	130			
Toluene	1.0	0.050	1.000	0	99.8	70	130			
Ethylbenzene	1.1	0.050	1.000	0	108	70	130			
Xylenes, Total	3.1	0.10	3.000	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	0.44		0.5000		88.4	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.5000		92.2	70	130			
Surr: Dibromofluoromethane	0.53		0.5000		105	70	130			
Surr: Toluene-d8	0.48		0.5000		95.4	70	130			

Sample ID: 2005674-001ams	SampType: MS	TestCode: EPA Method 8260B: Volatiles Short List								
Client ID: TT-5 Surface	Batch ID: 52503	RunNo: 68970								
Prep Date: 5/16/2020	Analysis Date: 5/17/2020	SeqNo: 2387545	Units: mg/Kg							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.025	0.9881	0	108	70	130			
Toluene	1.1	0.049	0.9881	0	111	70	130			
Ethylbenzene	1.2	0.049	0.9881	0	119	70	130			
Xylenes, Total	3.4	0.099	2.964	0	115	70	130			
Surr: 1,2-Dichloroethane-d4	0.42		0.4941		85.5	70	130			
Surr: 4-Bromofluorobenzene	0.46		0.4941		92.3	70	130			
Surr: Dibromofluoromethane	0.49		0.4941		100	70	130			
Surr: Toluene-d8	0.46		0.4941		94.1	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 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#: 2005674

22-May-20

Client: Safety & Environmental Solutions**Project:** Devon Tresnor Mitchell 30 Fed 2

Sample ID: 2005674-001amsd		SampType: MSD		TestCode: EPA Method 8260B: Volatiles Short List						
Client ID: TT-5 Surface		Batch ID: 52503		RunNo: 68970						
Prep Date: 5/16/2020		Analysis Date: 5/17/2020		SeqNo: 2387546		Units: mg/Kg				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.024	0.9794	0	111	70	130	1.68	20	
Toluene	1.1	0.049	0.9794	0	110	70	130	2.16	20	
Ethylbenzene	1.2	0.049	0.9794	0	119	70	130	0.516	0	
Xylenes, Total	3.4	0.098	2.938	0	117	70	130	0.659	0	
Surr: 1,2-Dichloroethane-d4	0.43		0.4897		88.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.45		0.4897		92.4	70	130	0	0	
Surr: Dibromofluoromethane	0.51		0.4897		104	70	130	0	0	
Surr: Toluene-d8	0.46		0.4897		94.7	70	130	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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

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

WO#: 2005674

22-May-20

Client: Safety & Environmental Solutions**Project:** Devon Tresnor Mitchell 30 Fed 2

Sample ID: mb-52503	SampType: MBLK	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: PBS	Batch ID: 52503	RunNo: 68970								
Prep Date: 5/16/2020	Analysis Date: 5/17/2020	SeqNo: 2387568 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	470		500.0		93.8	70	130			

Sample ID: lcs-52503	SampType: LCS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: LCSS	Batch ID: 52503	RunNo: 68970								
Prep Date: 5/16/2020	Analysis Date: 5/17/2020	SeqNo: 2387569 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	80.2	70	130			
Surr: BFB	470		500.0		93.2	70	130			

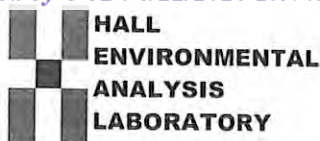
Sample ID: 2005674-002ams	SampType: MS	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: TT-5 1'	Batch ID: 52503	RunNo: 68993								
Prep Date: 5/16/2020	Analysis Date: 5/18/2020	SeqNo: 2388464 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	20	5.0	25.00	0	78.2	70	130			
Surr: BFB	460		500.0		91.6	70	130			

Sample ID: 2005674-002amsd	SampType: MSD	TestCode: EPA Method 8015D Mod: Gasoline Range								
Client ID: TT-5 1'	Batch ID: 52503	RunNo: 68993								
Prep Date: 5/16/2020	Analysis Date: 5/18/2020	SeqNo: 2388465 Units: mg/Kg								
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	19	4.9	24.27	0	78.1	70	130	3.01	20	
Surr: BFB	460		485.4		94.7	70	130	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 Quantitative Limit
S % Recovery outside of range due to dilution or matrix

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



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

Sample Log-In Check List

Client Name: **Safety Env Solutions**Work Order Number: **2005674**

RcptNo: 1

Received By: **Juan Rojas** 5/15/2020 9:15:00 AMCompleted By: **Desiree Dominguez** 5/15/2020 11:13:52 AMReviewed By: *LB* 5/15/20 *JR 5/15/20*

Chain of Custody

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

Log In

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

of preserved
bottles checked
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *LB 5/15/20*

Special Handling (if applicable)

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

Person Notified: _____

Date: _____

By Whom: _____

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.4	Good	Not Present			
2	1.4	Good	Not Present			

Chain-of-Custody Record

Client: State of New Mexico
Solution
 Mailing Address: 703 E. Clinton
Albuquerque NM 88260
 Phone #: 505-397-0570

email or Fax#:

QA/QC Package:

☒ Standard☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time: 5 Day
☒ Standard ☐ Rush
 Project Name: Devon
Reservoir Mire He-L-30 Feb 2
 Project #: Dev-17-002

Project Manager:

Allen BobSampler: SROn Ice: ☒ Yes ☐ No# of Coolers: 2Cooler Temp (including CF): 0.4-0.4 (°C)

Container Type and #

Preservative Type

HEAL No.

2005674

-001

-002

-003

-004

-005

-006

-007

-008

-009

-010

-011

-012

-013

-014

-015

-016

-017

-018

-019

-020

-021

-022

-023

-024

Analysis Request

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO₃, NO₂, PO₄, SO₄

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Chloride

Remarks:

Received by: SR Date: 5/14/20 Time: 0700Received by: SR Date: 5/15/20 Time: 0915Received by: SR Date: 5/15/20 Time: 0915Received by: SR Date: 5/15/20 Time: 0915Received by: SR Date: 5/15/20 Time: 0915Received by: SR Date: 5/15/20 Time: 0915Received by: SR Date: 5/15/20 Time: 0915Received by: SR Date: 5/15/20 Time: 0915

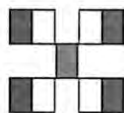
Chain-of-Custody Record

Client: Safety & Environment
Solutions
 Mailing Address: 703 E. Clinton
Albuquerque NM
 Phone #: 575-397-0510
 email or Fax#: _____
 QA/QC Package: ☐ Standard ☐ Level 4 (Full Validation)
 Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other _____
☐ EDD (Type) _____

Turn-Around Time: 5 Day
☒ Standard ☐ Rush
 Project Name: Devon
Hess North White Hall 30 Feb 2
 Project #: DEV-17-002
 Project Manager: Allen, Bob
 Sampler: Sam
 On Ice: ☒ Yes ☐ No
 # of Coolers: 2
 Cooler Temp (including CF): 0.4-0.5-0.4 (°C)
 HEAL No. 2005674

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5/13	1125	S	T-12 Sooty	1	Jar	-013
	1140	S	T-13 Sooty	1		-014
	1220	S	T-14 Sooty	1		-015
	1245	S	T-15 Sooty	1		-016
	1315	S	T-16 Sooty	1		-017
	1325	S	T-17 Sooty	1		-018
	1345	S	T-18 Sooty	1		-019
5/13	1400	S	T-19 Sooty	1		-020

Date: 5/14 Time: 0800 Relinquished by: Sam
 Date: 5/14 Time: 1900 Relinquished by: Chuck
 Received by: Chuck Date: 5/14 Time: 0700
 Received by: Chuck Date: 5/15/20 Time: 0915



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

TPH:8015D(GRO / DRO / MRO)	
8081 Pesticides/8082 PCBs	
EDB (Method 504.1)	
PAHs by 8310 or 8270SIMS	
RCRA 8 Metals	
Cl, F, Br, NO ₃ , PO ₄ , SO ₄	
8260 (VOA)	
8270 (Semi-VOA)	
Total Coliform (Present/Absent)	

Remarks:

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Tom Bynum Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: Bradford Billings Date: 09/12/2022

Printed Name: Bradford Billings Title: Envi. Sepc.A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 8830

CONDITIONS

Operator: Safety & Environmental Solutions, Inc. PO Box 1613 Hobbs, NM 88240	OGRID: 329088
	Action Number: 8830
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	9/12/2022