

**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	<a href="mailto:Tom.Bynum@dvn.com">Tom.Bynum@dvn.com</a>
Bob Allen	SESI	575-397-0510	<a href="mailto:ballen@sesi-nm.com">ballen@sesi-nm.com</a>

## 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	<b>230</b>	ND	ND	ND	ND	ND	ND	ND
TT-7 @ 1'	<b>68</b>	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	<b>110</b>	ND	ND	ND	ND	ND	ND	ND
TT-12 @ S WALL	<b>99</b>	ND	ND	ND	ND	ND	ND	ND
TT-13 @ S WALL	ND	ND	ND	ND	ND	ND	ND	ND
TT-14 @ N WALL	<b>110</b>	ND	ND	ND	ND	ND	ND	ND
TT-15 @ E WALL	ND	ND	ND	ND	ND	ND	ND	ND
TT-16 @ E WALL	<b>100</b>	ND	ND	ND	ND	ND	ND	ND
TT-17 @ S WALL	<b>110</b>	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)

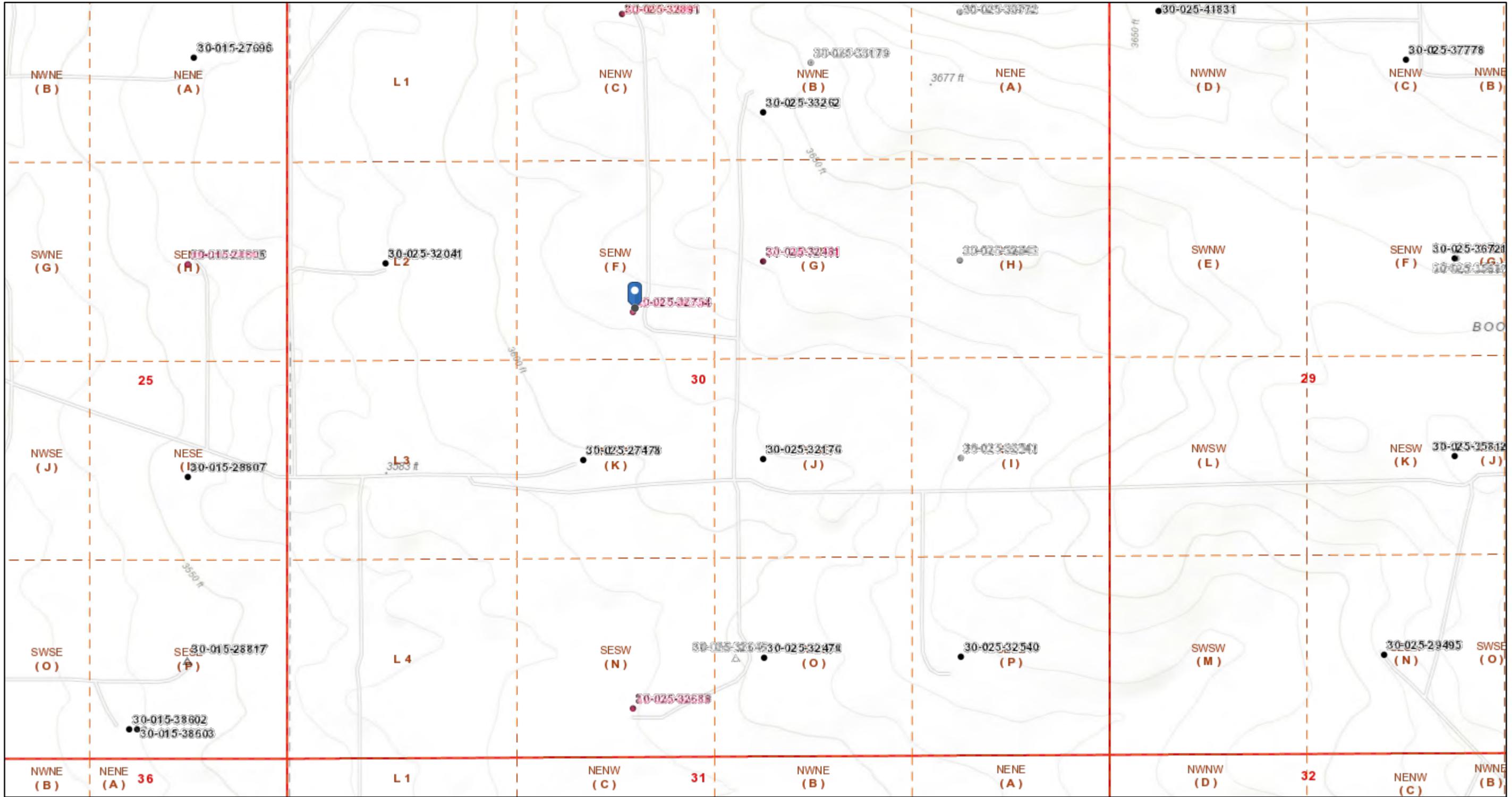


Google Earth



100 ft

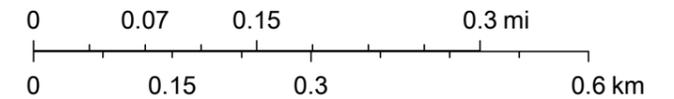
# Tresnor Mitchell 30 Federal 2



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

1:9,028

- |                     |                              |                                    |                                   |   |
|---------------------|------------------------------|------------------------------------|-----------------------------------|---|
| Wells - Large Scale | ✱ CO2, Temporarily Abandoned | ⚙ Injection, Active                | ● Oil, Cancelled                  | ▲ Salt Water Injection, New                   |
| ? undefined         | ✱ Gas, Active                | ⚙ Injection, Cancelled             | ● Oil, New                        | ▲ Salt Water Injection, Plugged               |
| ● Miscellaneous     | ✱ Gas, Cancelled             | ⚙ Injection, New                   | ● Oil, Plugged                    | ▲ Salt Water Injection, Temporarily Abandoned |
| ✱ CO2, Active       | ✱ Gas, New                   | ⚙ Injection, Plugged               | ● Oil, Temporarily Abandoned      | ● Water, Active                               |
| ✱ CO2, Cancelled    | ✱ Gas, Plugged               | ⚙ Injection, Temporarily Abandoned | ▲ Salt Water Injection, Active    | ● Water, Cancelled                            |
| ✱ CO2, New          | ✱ Gas, Temporarily Abandoned | ● Oil, Active                      | ▲ Salt Water Injection, Cancelled | ● Water, New                                  |
| ✱ CO2, Plugged      |                              |                                    |                                   |   |



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

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 6:46:25 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 7:23:26 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 8:00:28 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 8:12:49 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	230	60		mg/Kg	20	5/20/2020 8:25:09 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	68	60		mg/Kg	20	5/20/2020 8:37:31 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 8:49:51 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 9:02:12 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 9:14:32 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 9:26:53 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 9:39:15 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

Analytical Report

Lab Order 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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	110	60		mg/Kg	20	5/20/2020 9:51:35 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	99	60		mg/Kg	20	5/20/2020 10:28:36 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	ND	60		mg/Kg	20	5/20/2020 10:40:56 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	110	60		mg/Kg	20	5/20/2020 10:53:17 PM	52597
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/21/2020 1:06:27 PM	52628
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	100	60		mg/Kg	20	5/21/2020 1:43:29 PM	52628
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	110	60		mg/Kg	20	5/21/2020 1:55:50 PM	52628
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/21/2020 2:08:12 PM	52628
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

**Analytical Report**

Lab Order **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
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>CAS</b>
Chloride	ND	60		mg/Kg	20	5/21/2020 2:20:33 PM	52628
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
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
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>BRM</b>
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
<b>EPA METHOD 8260B: VOLATILES SHORT LIST</b>							Analyst: <b>JMR</b>
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.

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

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2005674

22-May-20

**Client:** Safety & Environmental Solutions

**Project:** Devon Tresnor Mitchell 30 Fed 2

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

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

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

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

# 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: <b>2005674-001AMS</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>TT-5 Surface</b>	Batch ID: <b>52529</b>	RunNo: <b>69011</b>								
Prep Date: <b>5/18/2020</b>	Analysis Date: <b>5/20/2020</b>	SeqNo: <b>2390109</b>	Units: <b>mg/Kg</b>							
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: <b>2005674-001AMSD</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>TT-5 Surface</b>	Batch ID: <b>52529</b>	RunNo: <b>69011</b>								
Prep Date: <b>5/18/2020</b>	Analysis Date: <b>5/20/2020</b>	SeqNo: <b>2390110</b>	Units: <b>mg/Kg</b>							
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: <b>LCS-52529</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>52529</b>	RunNo: <b>69011</b>								
Prep Date: <b>5/18/2020</b>	Analysis Date: <b>5/20/2020</b>	SeqNo: <b>2390123</b>	Units: <b>mg/Kg</b>							
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: <b>MB-52529</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>52529</b>	RunNo: <b>69011</b>								
Prep Date: <b>5/18/2020</b>	Analysis Date: <b>5/20/2020</b>	SeqNo: <b>2390125</b>	Units: <b>mg/Kg</b>							
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

# 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: <b>mb-52503</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>PBS</b>	Batch ID: <b>52503</b>	RunNo: <b>68970</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/17/2020</b>	SeqNo: <b>2387536</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 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: <b>ics-52503</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>52503</b>	RunNo: <b>68970</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/17/2020</b>	SeqNo: <b>2387537</b>	Units: <b>mg/Kg</b>							
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: <b>2005674-001ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>TT-5 Surface</b>	Batch ID: <b>52503</b>	RunNo: <b>68970</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/17/2020</b>	SeqNo: <b>2387545</b>	Units: <b>mg/Kg</b>							
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

# 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: <b>2005674-001amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8260B: Volatiles Short List</b>								
Client ID: <b>TT-5 Surface</b>	Batch ID: <b>52503</b>	RunNo: <b>68970</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/17/2020</b>	SeqNo: <b>2387546</b> Units: <b>mg/Kg</b>								
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: <b>mb-52503</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>52503</b>	RunNo: <b>68970</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/17/2020</b>	SeqNo: <b>2387568</b>	Units: <b>mg/Kg</b>							
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			

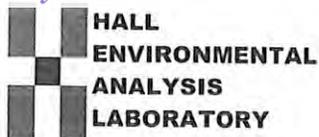
Sample ID: <b>ics-52503</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>52503</b>	RunNo: <b>68970</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/17/2020</b>	SeqNo: <b>2387569</b>	Units: <b>mg/Kg</b>							
Analyte	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: <b>2005674-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>TT-5 1'</b>	Batch ID: <b>52503</b>	RunNo: <b>68993</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/18/2020</b>	SeqNo: <b>2388464</b>	Units: <b>mg/Kg</b>							
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: <b>2005674-002amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>TT-5 1'</b>	Batch ID: <b>52503</b>	RunNo: <b>68993</b>								
Prep Date: <b>5/16/2020</b>	Analysis Date: <b>5/18/2020</b>	SeqNo: <b>2388465</b>	Units: <b>mg/Kg</b>							
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 AM *Juan Rojas*  
Completed By: **Desiree Dominguez** 5/15/2020 11:13:52 AM *DD*  
Reviewed 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° 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? Yes  No   
(Note discrepancies on chain of custody)
- 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? Yes  No   
(If no, notify customer for authorization.)

# 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 87240  
 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  
Reserve Mire He-L-30 Fed 2  
 Project #: Dev-17-002

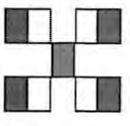
Project Manager: Allen Bob  
 Sampler: STJ  
 On Ice:  Yes  No  
 # of Coolers: 2

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	Cooler Temp (including CF):	HEAL No.
09/13	0940	S	TF-5 Surface	1	Ice	0.4-0=0.4 (°C)	1.4-0=1.4
	0845	S	TF-5 1-F				2005674
	0900	S	TF-6 Surface				
	0905	S	TF-6 1-F				
	0920	S	TF-7 Surface				
	0925	S	TF-7 1-F				
	1000	S	TF-8 Surface				
	1015	S	TF-8 1-F				
	1020	S	TF-9 Surface				
	1035	S	TF-9 1-F				
	1100	S	TF-10 mobile				
	1115	S	TF-11 mobile				

Relinquished by: STJ  
 Date: 05/14 Time: 0800  
 Relinquished by: STJ  
 Date: 05/14 Time: 1900

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

Remarks:  
 Received by: STJ Date: 5/14 Time: 0700  
 Received by: STJ Date: 5/15/20 Time: 915



### HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

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



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 ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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

Printed Name: \_\_\_\_\_ 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