



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 28, 2020

Chris Jones  
Talon Artesia  
408 West Texas Ave  
Artesia, NM 88210  
TEL:  
FAX

RE: Hackberry 1H Spill

OrderNo.: 2005968

Dear Chris Jones:

Hall Environmental Analysis Laboratory received 16 sample(s) on 5/22/2020 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 in a cursive style.

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2005968

Date Reported: 5/28/2020

**CLIENT:** Talon Artesia  
**Project:** Hackberry 1H Spill

**Lab Order:** 2005968

**Lab ID:** 2005968-001

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-1 1'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2020 4:32:41 AM	52662
Surr: BFB	104	70-130		%Rec	1	5/25/2020 4:32:41 AM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: CLP
Diesel Range Organics (DRO)	30	9.9		mg/Kg	1	5/27/2020 10:20:38 PM	52675
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/27/2020 10:20:38 PM	52675
Surr: DNOP	143	55.1-146		%Rec	1	5/27/2020 10:20:38 PM	52675

**Lab ID:** 2005968-002

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-1 2'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: DJF
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2020 7:56:42 AM	52662
Surr: BFB	107	70-130		%Rec	1	5/25/2020 7:56:42 AM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: CLP
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/27/2020 10:45:10 PM	52675
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	5/27/2020 10:45:10 PM	52675
Surr: DNOP	155	55.1-146	S	%Rec	1	5/27/2020 10:45:10 PM	52675

**Lab ID:** 2005968-003

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-1 3'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: JMR
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2020 2:24:36 PM	52662
Surr: BFB	105	70-130		%Rec	1	5/25/2020 2:24:36 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: CLP
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/27/2020 11:09:59 PM	52675
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	5/27/2020 11:09:59 PM	52675
Surr: DNOP	121	55.1-146		%Rec	1	5/27/2020 11:09:59 PM	52675

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		

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2005968

Date Reported: 5/28/2020

**CLIENT:** Talon Artesia  
**Project:** Hackberry 1H Spill

**Lab Order:** 2005968

**Lab ID:** 2005968-004

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-1 4'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2020 2:54:24 PM	52662
Surr: BFB	107	70-130		%Rec	1	5/25/2020 2:54:24 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	53	9.2		mg/Kg	1	5/27/2020 11:34:50 PM	52675
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	5/27/2020 11:34:50 PM	52675
Surr: DNOP	152	55.1-146	S	%Rec	1	5/27/2020 11:34:50 PM	52675

**Lab ID:** 2005968-005

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-2 1'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2020 3:24:17 PM	52662
Surr: BFB	107	70-130		%Rec	1	5/25/2020 3:24:17 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/27/2020 11:59:38 PM	52675
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/27/2020 11:59:38 PM	52675
Surr: DNOP	164	55.1-146	S	%Rec	1	5/27/2020 11:59:38 PM	52675

**Lab ID:** 2005968-006

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-2 2'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2020 3:53:47 PM	52662
Surr: BFB	102	70-130		%Rec	1	5/25/2020 3:53:47 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	8.9		mg/Kg	1	5/28/2020 12:24:12 AM	52675
Motor Oil Range Organics (MRO)	ND	45		mg/Kg	1	5/28/2020 12:24:12 AM	52675
Surr: DNOP	143	55.1-146		%Rec	1	5/28/2020 12:24:12 AM	52675

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		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Hackberry 1H Spill

Lab Order: 2005968

Lab ID: 2005968-007

Collection Date: 5/20/2020

Client Sample ID: TT-2 3'

Matrix: SOIL

Table with columns: Analyses, Result, RL, Qual, Units, DF, Date Analyzed, Batch ID. Includes EPA METHOD 8015D MOD: GASOLINE RANGE and EPA METHOD 8015M/D: DIESEL RANGE ORGANICS.

Lab ID: 2005968-008

Collection Date: 5/20/2020

Client Sample ID: TT-2 4'

Matrix: SOIL

Table with columns: Analyses, Result, RL, Qual, Units, DF, Date Analyzed, Batch ID. Includes EPA METHOD 8015D MOD: GASOLINE RANGE and EPA METHOD 8015M/D: DIESEL RANGE ORGANICS.

Lab ID: 2005968-009

Collection Date: 5/20/2020

Client Sample ID: TT-3 1'

Matrix: SOIL

Table with columns: Analyses, Result, RL, Qual, Units, DF, Date Analyzed, Batch ID. Includes EPA METHOD 8015D MOD: GASOLINE RANGE and EPA METHOD 8015M/D: DIESEL RANGE ORGANICS.

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

Table with columns: Qualifiers, Description. Lists various codes like \*, D, H, ND, PQL, S, B, E, J, P, RL and their corresponding meanings.

# Hall Environmental Analysis Laboratory, Inc.

Analytical Report

Lab Order: 2005968

Date Reported: 5/28/2020

**CLIENT:** Talon Artesia  
**Project:** Hackberry 1H Spill

**Lab Order:** 2005968

**Lab ID:** 2005968-010

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-3 2'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2020 5:51:25 PM	52662
Surr: BFB	101	70-130		%Rec	1	5/25/2020 5:51:25 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/28/2020 2:03:06 AM	52675
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	5/28/2020 2:03:06 AM	52675
Surr: DNOP	157	55.1-146	S	%Rec	1	5/28/2020 2:03:06 AM	52675

**Lab ID:** 2005968-011

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-6 1'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	5/25/2020 6:20:38 PM	52662
Surr: BFB	104	70-130		%Rec	1	5/25/2020 6:20:38 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/28/2020 2:27:58 AM	52675
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/28/2020 2:27:58 AM	52675
Surr: DNOP	142	55.1-146		%Rec	1	5/28/2020 2:27:58 AM	52675

**Lab ID:** 2005968-012

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-6 2'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2020 6:49:49 PM	52662
Surr: BFB	106	70-130		%Rec	1	5/25/2020 6:49:49 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	5/28/2020 2:52:39 AM	52675
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	5/28/2020 2:52:39 AM	52675
Surr: DNOP	150	55.1-146	S	%Rec	1	5/28/2020 2:52:39 AM	52675

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		

**Hall Environmental Analysis Laboratory, Inc.**

**CLIENT:** Talon Artesia  
**Project:** Hackberry 1H Spill

**Lab Order:** 2005968

**Lab ID:** 2005968-013

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-6 3'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2020 7:19:43 PM	52662
Surr: BFB	100	70-130		%Rec	1	5/25/2020 7:19:43 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	5/28/2020 3:17:22 AM	52675
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/28/2020 3:17:22 AM	52675
Surr: DNOP	143	55.1-146		%Rec	1	5/28/2020 3:17:22 AM	52675

**Lab ID:** 2005968-014

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-6 4'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2020 7:49:01 PM	52662
Surr: BFB	109	70-130		%Rec	1	5/25/2020 7:49:01 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	5/28/2020 3:42:03 AM	52675
Motor Oil Range Organics (MRO)	ND	51		mg/Kg	1	5/28/2020 3:42:03 AM	52675
Surr: DNOP	147	55.1-146	S	%Rec	1	5/28/2020 3:42:03 AM	52675

**Lab ID:** 2005968-015

**Collection Date:** 5/20/2020

**Client Sample ID:** TT-7 1'

**Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch ID
<b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>							Analyst: <b>JMR</b>
Gasoline Range Organics (GRO)	ND	5.0		mg/Kg	1	5/25/2020 8:18:15 PM	52662
Surr: BFB	109	70-130		%Rec	1	5/25/2020 8:18:15 PM	52662
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>CLP</b>
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	5/28/2020 4:06:49 AM	52675
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	5/28/2020 4:06:49 AM	52675
Surr: DNOP	155	55.1-146	S	%Rec	1	5/28/2020 4:06:49 AM	52675

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: 2005968

Date Reported: 5/28/2020

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Talon Artesia
Project: Hackberry 1H Spill

Lab Order: 2005968

Lab ID: 2005968-016

Collection Date: 5/20/2020

Client Sample ID: TT-7 2'

Matrix: SOIL

Table with columns: Analyses, Result, RL, Qual, Units, DF, Date Analyzed, Batch ID. Rows include EPA METHOD 8015D MOD: GASOLINE RANGE and EPA METHOD 8015M/D: DIESEL RANGE ORGANICS.

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

Table with 2 columns: Qualifiers and their descriptions. Includes codes like \*, D, H, ND, PQL, S, B, E, J, P, RL.

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2005968

28-May-20

**Client:** Talon Artesia  
**Project:** Hackberry 1H Spill

Sample ID: <b>MB-52675</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>PBS</b>	Batch ID: <b>52675</b>	RunNo: <b>69153</b>								
Prep Date: <b>5/26/2020</b>	Analysis Date: <b>5/27/2020</b>	SeqNo: <b>2397939</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	13		10.00		127	55.1	146			

Sample ID: <b>LCS-52675</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>52675</b>	RunNo: <b>69153</b>								
Prep Date: <b>5/26/2020</b>	Analysis Date: <b>5/27/2020</b>	SeqNo: <b>2397940</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	60	10	50.00	0	119	70	130			
Surr: DNOP	5.8		5.000		116	55.1	146			

**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 |   |



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2005968

28-May-20

**Client:** Talon Artesia  
**Project:** Hackberry 1H Spill

Sample ID: <b>mb-52662</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>52662</b>	RunNo: <b>69123</b>								
Prep Date: <b>5/22/2020</b>	Analysis Date: <b>5/25/2020</b>	SeqNo: <b>2395271</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	520		500.0		104	70	130			

Sample ID: <b>ics-52662</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>52662</b>	RunNo: <b>69123</b>								
Prep Date: <b>5/22/2020</b>	Analysis Date: <b>5/25/2020</b>	SeqNo: <b>2395272</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	5.0	25.00	0	86.2	70	130			
Surr: BFB	500		500.0		101	70	130			

Sample ID: <b>2005968-002ams</b>	SampType: <b>MS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>TT-1 2'</b>	Batch ID: <b>52662</b>	RunNo: <b>69137</b>								
Prep Date: <b>5/22/2020</b>	Analysis Date: <b>5/25/2020</b>	SeqNo: <b>2396041</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	24.80	0	80.2	70	130			
Surr: BFB	520		496.0		105	70	130			

Sample ID: <b>2005968-002amsd</b>	SampType: <b>MSD</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>TT-1 2'</b>	Batch ID: <b>52662</b>	RunNo: <b>69137</b>								
Prep Date: <b>5/22/2020</b>	Analysis Date: <b>5/25/2020</b>	SeqNo: <b>2396042</b>	Units: <b>mg/Kg</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	18	4.8	24.13	0	76.0	70	130	8.11	20	
Surr: BFB	490		482.6		102	70	130	0	0	

Sample ID: <b>mb-52673</b>	SampType: <b>MBLK</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>PBS</b>	Batch ID: <b>52673</b>	RunNo: <b>69151</b>								
Prep Date: <b>5/25/2020</b>	Analysis Date: <b>5/27/2020</b>	SeqNo: <b>2397031</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	490		500.0		97.2	70	130			

Sample ID: <b>ics-52673</b>	SampType: <b>LCS</b>	TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b>								
Client ID: <b>LCSS</b>	Batch ID: <b>52673</b>	RunNo: <b>69151</b>								
Prep Date: <b>5/25/2020</b>	Analysis Date: <b>5/27/2020</b>	SeqNo: <b>2397032</b>	Units: <b>%Rec</b>							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	490		500.0		97.1	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

**Sample Log-In Check List**

Client Name: **TALON ARTESIA**

Work Order Number: **2005968**

RcptNo: **1**

Received By: **Isaiah Ortiz**

**5/21/2020 9:00:00 AM**

*I-Ox*

Completed By: **Isaiah Ortiz**

**5/22/2020 11:34:37 AM**

*I-Ox*

Reviewed By: *LB*

*5/22/20*

**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: *JSR 5/22/20*

**Special Handling (if applicable)**

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

Person Notified:	<input type="text"/>	Date:	<input type="text"/>
By Whom:	<input type="text"/>	Via:	<input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person
Regarding:	<input type="text"/>		
Client Instructions:	<input type="text"/>		

16. Additional remarks:

**17. Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.8	Good	Not Present			

# Chain-of-Custody Record

Client: Talon LPE

Mailing Address: 408 W Texas Ave

Artesia, NM 88210

Phone #: 575-746-8768

email or Fax#:

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:  Az Compliance

NELAC  Other

EDD (Type)

Turn-Around Time: 4-day

Standard  Rush

Project Name:

Hackberry 11A Spill

Project #:

701901.088.01

Project Manager:

Chris Jones

Sampler: Carlos Jaramillo

On Ice:  Yes  No

# of Coolers: 1

Cooler Temp (including CF): 58 - 61 (ref 5.8)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-20-20	A.M.	soil	TT-1 1'	402 jar	ice	2005968 -001
			TT-1 2'			-002
			TT-1 3'			-003
			TT-1 4'			-004
			TT-2 1'			-005
			TT-2 2'			-006
			TT-2 3'			-007
			TT-2 4'			-008
			TT-3 1'			-009
			TT-3 2'			-010
			TT-6 1'			-011
			TT-6 2'			-012

Received by: [Signature] Date: 5/21/20 Time: 0900  
 Received by: T.O. cawie Date: 5/22/20 Time: 11:11

# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

### Analysis Request

BTEX / MTBE / TMBs (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, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
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Remarks: CC  
 c.jones@talonlpe.com  
 bsinclair@talonlpe.com  
 pg 1 of 2

# Chain-of-Custody Record

Client: Talon LPE  
 Mailing Address: 408 W Texas Ave  
Artesia, NM 88210  
 Phone #: 575-746-8768  
 email or Fax#: dadkins@talonlpe.com

QA/QC Package:  
 Standard  Level 4 (Full Validation)  
 Accreditation:  Az Compliance  
 NELAC  Other  
 EDD (Type)

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
5-20-20	A.M.	Soil	TT-6 3'	402 jar	ice	-013
			TT-6 4'			-014
			TT-7 1'			-015
			TT-7 2'			-016

Date: 5/20/20 Time: 0900 Relinquished by: [Signature]  
 Date: 5/21/20 Time: 1111 Relinquished by: [Signature]

Turn-Around Time: 4-day  
 Standard  Rush  
 Project Name: Hackberry LH Spill

Project #: 701901.088.01  
 Project Manager: Chris Jones  
 Sampler: Carlos Jaramillo  
 On Ice:  Yes  No  
 # of Coolers: 1  
 Cooler Temp (including CP): 5-8 -0 [ref] 5.8°C

Container Type and #  
 Preservative Type  
 HEAL No.  
2005968

BTEX / MTBE / TMB's (8021)	TPH8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub>	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)



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

Analysis Request									

Remarks: cc  
cjones@talonlpe.com  
bsindair@talonlpe.com

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.