



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)

August 28, 2017

Austin Weyant  
Souder, Miller & Associates  
201 S Halagueno  
Carlsbad, NM 88221  
TEL: (575) 689-7040  
FAX

RE: Preston

OrderNo.: 1708B42

Dear Austin Weyant:

Hall Environmental Analysis Laboratory received 4 sample(s) on 8/18/2017 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 #NM0190

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1708B42

Date Reported: 8/28/2017

**CLIENT:** Souder, Miller & Associates

**Client Sample ID:** BH-6

**Project:** Preston

**Collection Date:** 8/16/2017 10:00:00 AM

**Lab ID:** 1708B42-001

**Matrix:** SOIL

**Received Date:** 8/18/2017 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	71	30		mg/Kg	20	8/26/2017 12:34:02 AM	33563
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	8/23/2017 1:46:19 PM	33490
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	8/23/2017 1:46:19 PM	33490
Surr: DNOP	92.3	70-130		%Rec	1	8/23/2017 1:46:19 PM	33490
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/22/2017 11:31:28 AM	33464
Surr: BFB	84.1	54-150		%Rec	1	8/22/2017 11:31:28 AM	33464
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	8/22/2017 11:31:28 AM	33464
Toluene	ND	0.049		mg/Kg	1	8/22/2017 11:31:28 AM	33464
Ethylbenzene	ND	0.049		mg/Kg	1	8/22/2017 11:31:28 AM	33464
Xylenes, Total	ND	0.097		mg/Kg	1	8/22/2017 11:31:28 AM	33464
Surr: 4-Bromofluorobenzene	118	66.6-132		%Rec	1	8/22/2017 11:31:28 AM	33464

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1708B42

Date Reported: 8/28/2017

**CLIENT:** Souder, Miller & Associates

**Client Sample ID:** SW1

**Project:** Preston

**Collection Date:** 8/16/2017 10:15:00 AM

**Lab ID:** 1708B42-002

**Matrix:** SOIL

**Received Date:** 8/18/2017 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	52	30		mg/Kg	20	8/26/2017 12:46:26 AM	33563
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	8/23/2017 2:52:57 PM	33490
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	8/23/2017 2:52:57 PM	33490
Surr: DNOP	89.7	70-130		%Rec	1	8/23/2017 2:52:57 PM	33490
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	8/22/2017 12:43:10 PM	33464
Surr: BFB	79.5	54-150		%Rec	1	8/22/2017 12:43:10 PM	33464

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1708B42

Date Reported: 8/28/2017

**CLIENT:** Souder, Miller & Associates

**Client Sample ID:** SW2

**Project:** Preston

**Collection Date:** 8/16/2017 10:30:00 AM

**Lab ID:** 1708B42-003

**Matrix:** SOIL

**Received Date:** 8/18/2017 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	31	30		mg/Kg	20	8/26/2017 12:58:50 AM	33563
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.6		mg/Kg	1	8/23/2017 3:15:03 PM	33490
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	8/23/2017 3:15:03 PM	33490
Surr: DNOP	99.1	70-130		%Rec	1	8/23/2017 3:15:03 PM	33490
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	8/22/2017 1:55:07 PM	33464
Surr: BFB	79.7	54-150		%Rec	1	8/22/2017 1:55:07 PM	33464

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# Hall Environmental Analysis Laboratory, Inc.

## Analytical Report

Lab Order 1708B42

Date Reported: 8/28/2017

**CLIENT:** Souder, Miller & Associates

**Client Sample ID:** SP1

**Project:** Preston

**Collection Date:** 8/16/2017 11:00:00 AM

**Lab ID:** 1708B42-004

**Matrix:** SOIL

**Received Date:** 8/18/2017 9:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
<b>EPA METHOD 300.0: ANIONS</b>							Analyst: <b>MRA</b>
Chloride	60	30		mg/Kg	20	8/26/2017 1:11:15 AM	33563
<b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b>							Analyst: <b>TOM</b>
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	8/23/2017 3:37:34 PM	33490
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	8/23/2017 3:37:34 PM	33490
Surr: DNOP	94.5	70-130		%Rec	1	8/23/2017 3:37:34 PM	33490
<b>EPA METHOD 8015D: GASOLINE RANGE</b>							Analyst: <b>NSB</b>
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	8/22/2017 2:19:09 PM	33464
Surr: BFB	82.0	54-150		%Rec	1	8/22/2017 2:19:09 PM	33464
<b>EPA METHOD 8021B: VOLATILES</b>							Analyst: <b>NSB</b>
Benzene	ND	0.024		mg/Kg	1	8/22/2017 2:19:09 PM	33464
Toluene	ND	0.047		mg/Kg	1	8/22/2017 2:19:09 PM	33464
Ethylbenzene	ND	0.047		mg/Kg	1	8/22/2017 2:19:09 PM	33464
Xylenes, Total	ND	0.094		mg/Kg	1	8/22/2017 2:19:09 PM	33464
Surr: 4-Bromofluorobenzene	118	66.6-132		%Rec	1	8/22/2017 2:19:09 PM	33464

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 Detection Limit
	S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1708B42

28-Aug-17

Client: Souder, Miller &amp; Associates

Project: Preston

Sample ID	MB-33563		SampType:	mblk		TestCode:	EPA Method 300.0: Anions				
Client ID:	PBS		Batch ID:	33563		RunNo:	45224				
Prep Date:	8/25/2017		Analysis Date:	8/25/2017		SeqNo:	1433002		Units:	mg/Kg	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Chloride	ND	1.5									

Sample ID	LCS-33563		SampType: lcs		TestCode: EPA Method 300.0: Anions					
Client ID:	LCSS		Batch ID: 33563		RunNo: 45224					
Prep Date:	8/25/2017		Analysis Date: 8/25/2017		SeqNo: 1433003		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.3	90	110			

### Qualifiers:

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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 Detection Limit  
W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1708B42

28-Aug-17

Client: Souder, Miller &amp; Associates

Project: Preston

Sample ID	LCS-33490		SampType: LCS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	LCSS		Batch ID: 33490		RunNo: 45145					
Prep Date:	8/22/2017		Analysis Date: 8/23/2017		SeqNo: 1429395		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	106	73.2	114			
Surr: DNOP	4.7		5.000		94.9	70	130			

Sample ID	MB-33490	SampType:	MBLK		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	PBS	Batch ID:	33490		RunNo:	45145				
Prep Date:	8/22/2017	Analysis Date:	8/23/2017		SeqNo:	1429396	Units:	mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		95.9	70	130			

Sample ID	1708B42-001AMS		SampType: MS		TestCode: EPA Method 8015M/D: Diesel Range Organics					
Client ID:	BH-6		Batch ID: 33490		RunNo: 45143					
Prep Date:	8/22/2017		Analysis Date: 8/23/2017		SeqNo: 1430255		Units: mg/Kg			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	51	9.4	47.04	3.719	100	55.8	122			
Surr: DNOP	4.4		4.704		93.4	70	130			

Sample ID	1708B42-001AMSD		SampType:	MSD		TestCode:	EPA Method 8015M/D: Diesel Range Organics				
Client ID:	BH-6		Batch ID:	33490		RunNo:	45143				
Prep Date:	8/22/2017		Analysis Date:	8/23/2017		SeqNo:	1430256		Units: mg/Kg		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Diesel Range Organics (DRO)	49	8.8	44.13	3.719	102	55.8	122	4.25	20		
Surr: DNOP	4.2		4.413		95.1	70	130	0	0		

### Qualifiers:

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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 Detection Limit  
W Sample container temperature is out of limit as specified

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1708B42

28-Aug-17

**Client:** Souder, Miller & Associates

**Project:** Preston

Sample ID <b>MB-33464</b>	SampType: <b>MBLK</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>PBS</b>	Batch ID: <b>33464</b>		RunNo: <b>45126</b>							
Prep Date: <b>8/21/2017</b>	Analysis Date: <b>8/22/2017</b>		SeqNo: <b>1429028</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	900		1000		89.8	54	150			

Sample ID <b>LCS-33464</b>	SampType: <b>LCS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>LCSS</b>	Batch ID: <b>33464</b>		RunNo: <b>45126</b>							
Prep Date: <b>8/21/2017</b>	Analysis Date: <b>8/22/2017</b>		SeqNo: <b>1429029</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	97.3	76.4	125			
Surr: BFB	980		1000		98.4	54	150			

Sample ID <b>1708B42-002AMS</b>	SampType: <b>MS</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>SW1</b>	Batch ID: <b>33464</b>		RunNo: <b>45126</b>							
Prep Date: <b>8/21/2017</b>	Analysis Date: <b>8/22/2017</b>		SeqNo: <b>1429032</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.7	23.28	0	101	77.8	128			
Surr: BFB	850		931.1		91.6	54	150			

Sample ID <b>1708B42-002AMSD</b>	SampType: <b>MSD</b>		TestCode: <b>EPA Method 8015D: Gasoline Range</b>							
Client ID: <b>SW1</b>	Batch ID: <b>33464</b>		RunNo: <b>45126</b>							
Prep Date: <b>8/21/2017</b>	Analysis Date: <b>8/22/2017</b>		SeqNo: <b>1429033</b>		Units: <b>mg/Kg</b>					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	4.8	24.18	0	107	77.8	128	9.57	20	
Surr: BFB	900		967.1		92.7	54	150	0	0	

### Qualifiers:

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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 Detection Limit  
W Sample container temperature is out of limit as specified



# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 1708B42

28-Aug-17

Client: Souder, Miller &amp; Associates

Project: Preston

Sample ID	<b>MB-33464</b>		SampType:	<b>MBLK</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>PBS</b>		Batch ID:	<b>33464</b>		RunNo:	<b>45126</b>			
Prep Date:	<b>8/21/2017</b>		Analysis Date:	<b>8/22/2017</b>		SeqNo:	<b>1429043</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: 4-Bromofluorobenzene	1.3		1.000		127	66.6	132			

Sample ID	<b>LCS-33464</b>		SampType:	<b>LCS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>LCSS</b>		Batch ID:	<b>33464</b>		RunNo:	<b>45126</b>			
Prep Date:	<b>8/21/2017</b>		Analysis Date:	<b>8/22/2017</b>		SeqNo:	<b>1429044</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	1.000	0	109	80	120			
Toluene	1.1	0.050	1.000	0	108	80	120			
Ethylbenzene	1.1	0.050	1.000	0	107	80	120			
Xylenes, Total	3.3	0.10	3.000	0	110	80	120			
Surr: 4-Bromofluorobenzene	1.3		1.000		131	66.6	132			

Sample ID	<b>1708B42-001AMS</b>		SampType:	<b>MS</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>BH-6</b>		Batch ID:	<b>33464</b>		RunNo:	<b>45126</b>			
Prep Date:	<b>8/21/2017</b>		Analysis Date:	<b>8/22/2017</b>		SeqNo:	<b>1429046</b>	Units:	<b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.2	0.023	0.9294	0.01033	129	80.9	132			
Toluene	1.2	0.046	0.9294	0	134	79.8	136			
Ethylbenzene	1.3	0.046	0.9294	0	137	79.4	140			
Xylenes, Total	3.9	0.093	2.788	0.01657	138	78.5	142			
Surr: 4-Bromofluorobenzene	1.1		0.9294		122	66.6	132			

Sample ID	<b>1708B42-001AMSD</b>		SampType:	<b>MSD</b>		TestCode:	<b>EPA Method 8021B: Volatiles</b>			
Client ID:	<b>BH-6</b>		Batch ID:	<b>33464</b>		RunNo:	<b>45126</b>			
Prep Date:	<b>8/21/2017</b>		Analysis Date:	<b>8/22/2017</b>		SeqNo:	<b>1429047</b>	Units:	<b>mg/Kg</b>	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.1	0.023	0.9174	0.01033	116	80.9	132	12.2	20	
Toluene	1.1	0.046	0.9174	0	119	79.8	136	13.0	20	
Ethylbenzene	1.1	0.046	0.9174	0	119	79.4	140	15.1	20	
Xylenes, Total	3.3	0.092	2.752	0.01657	120	78.5	142	15.0	20	
Surr: 4-Bromofluorobenzene	1.1		0.9174		120	66.6	132	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 Detection Limit  
W Sample container temperature is out of limit as specified



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: SMA-CARLSBAD

Work Order Number: 1708B42

RcptNo: 1

Received By: Sophia Campuzano 8/18/2017 9:15:00 AM

Completed By: Ashley Gallegos 8/18/2017 11:36:41 AM

Reviewed By: SRC 08/18/17

*Sophia Campuzano*  
*ASG*

### Chain of Custody

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

### Log In

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

# of preserved  
bottles checked  
for pH: \_\_\_\_\_  
( $<2$  or  $>12$  unless noted)  
Adjusted? \_\_\_\_\_  
Checked by: \_\_\_\_\_

### Special Handling (if applicable)

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

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

17. Additional remarks:

### 18. Cooler Information

Cooler No	Temp $^{\circ}\text{C}$	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Yes			

# Chain-of-Custody Record

Client: SMA

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard

☐ Level 4 (Full Validation)

Accreditation

☐ NELAP

☐ Other

☐ EDD (Type)

Project Manager:

Austin Weyant

Sampler:

Hmp/Can

On Ice:

☒ Yes ☐ No

Sample Temperature: 1.0

Date Time Matrix Sample Request ID

8/16/17 10am SWL BH-6  
10:15 SWL  
10:30 SWL  
10:45 ~~SWL~~  
11:00 SPI

Container Type and #

402  
(  
(  
(  
(  
(

Preservative Type

cancel

HEAL No.

1708842  
-001  
-002  
-003  
-004

## Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F, Cl, NO <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> )	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
8/16/17	10am	SWL	BH-6	402			X	X	X	X				X				
	10:15	SWL		(			X	X	X	X				X				
	10:30	SWL		(			X	X	X	X				X				
	10:45	<del>SWL</del>		(			X	X	X	X				X				
	11:00	SPI		(			X	X	X	X				X				

Remarks:

c/ on separate report

Received by: Spk Date: 8/17/17 Time: 0800

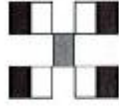
Received by: Supriya Cor Date: 08/18/17 Time: 0915

Date: Time: Relinquished by:

Date: Time: Relinquished by: Spk

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.

COMPLETION



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**

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