



22-Dec-2017

Jake Janicek  
Caerus Oil and Gas LLC  
143 Diamond Ave.  
Parachute, CO 81635

Re: **F23 Tank Spill**

Work Order: **1712923**

Dear Jake,

ALS Environmental received 1 sample on 14-Dec-2017 10:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 21.

If you have any questions regarding this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Chad Whelton".

Electronically approved by: Chad Whelton

Chad Whelton  
Project Manager

Certificate No: MN 998501

### Report of Laboratory Analysis

ADDRESS 3352 128th Ave Holland, Michigan 49424 | PHONE (616) 399-6070 | FAX (616) 399-6185

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**Client:** Caerus Oil and Gas LLC  
**Project:** F23 Tank Spill  
**Work Order:** 1712923

**Work Order Sample Summary**

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<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
1712923-01	20171213-F23-Tank Spill POR	Soil		12/13/2017 09:00	12/14/2017 10:00	<input type="checkbox"/>

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**Client:** Caerus Oil and Gas LLC

**Project:** F23 Tank Spill

**Work Order:** 1712923

**Case Narrative**

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Batch 112019, Method CR6\_7196\_S, Sample 1712923-01A MS/MSD: The MS/MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low.

<u>Qualifier</u>	<u>Description</u>
*	Value exceeds Regulatory Limit
**	Estimated Value
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

<u>Acronym</u>	<u>Description</u>
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection (see MDL)
LOQ	Limit of Quantitation (see PQL)
MBLK	Method Blank
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
TDL	Target Detection Limit
TNTC	Too Numerous To Count
A	APHA Standard Methods
D	ASTM
E	EPA
SW	SW-846 Update III

<u>Units Reported</u>	<u>Description</u>
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	

Client: Caerus Oil and Gas LLC  
 Project: F23 Tank Spill  
 Sample ID: 20171213-F23-Tank Spill POR  
 Collection Date: 12/13/2017 09:00 AM

Work Order: 1712923  
 Lab ID: 1712923-01  
 Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
<b>DIESEL RANGE ORGANICS BY GC-FID</b>							
			Method: SW8015C		Prep: SW3546 / 12/15/17		Analyst: <b>MEB</b>
DRO (C10-C28)	340		6.1	11	mg/Kg-dry	1	12/15/2017 21:19
Surr: 4-Terphenyl-d14	123			34-130	%REC	1	12/15/2017 21:19
<b>GASOLINE RANGE ORGANICS BY GC-FID</b>							
			Method: SW8015D		Prep: SW5035 / 12/15/17		Analyst: <b>KB</b>
GRO (C6-C10)	460		3.7	8.9	mg/Kg-dry	1	12/18/2017 18:29
Surr: Toluene-d8	98.1			71-123	%REC	1	12/18/2017 18:29
<b>MERCURY BY CVAA</b>							
			Method: SW7471B		Prep: SW7471 / 12/20/17		Analyst: <b>RSH</b>
Mercury	0.059		0.0027	0.027	mg/Kg-dry	1	12/20/2017 14:16
<b>METALS ANALYSIS BY ICP</b>							
			Method: SW846 6010C		Prep: SW3050B / 12/15/17		Analyst: <b>HBA</b>
Arsenic	19		0.14	0.52	mg/Kg-dry	1	12/20/2017 19:52
Barium	3,900		0.21	0.52	mg/Kg-dry	1	12/20/2017 19:52
Cadmium	0.62	J	0.050	1.0	mg/Kg-dry	1	12/20/2017 19:52
Chromium	23		0.029	0.52	mg/Kg-dry	1	12/20/2017 19:52
Copper	27		0.23	1.0	mg/Kg-dry	1	12/20/2017 19:52
Lead	15		0.11	0.52	mg/Kg-dry	1	12/20/2017 19:52
Nickel	16		0.21	0.52	mg/Kg-dry	1	12/20/2017 19:52
Selenium	3.1		0.29	1.0	mg/Kg-dry	1	12/20/2017 19:52
Silver	U		0.065	0.52	mg/Kg-dry	1	12/20/2017 19:52
Zinc	370		0.084	1.0	mg/Kg-dry	1	12/20/2017 19:52
<b>SOLUBLE CATIONS FOR SAR</b>							
			Method: SW6020A		Prep: USDA Method 20B / 12/19/17		Analyst: <b>JF</b>
Calcium	200		0.86	5.0	mg/L	10	12/19/2017 12:03
Magnesium	15		0.068	2.0	mg/L	10	12/19/2017 12:03
Sodium	4,300		3.4	20	mg/L	100	12/19/2017 12:13
<b>SODIUM ADSORPTION RATIO</b>							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 12/19/17		Analyst: <b>RH</b>
Sodium Adsorption Ratio	77		0.010	0.010	none	1	12/19/2017
<b>SEMI-VOLATILE ORGANIC COMPOUNDS</b>							
			Method: SW846 8270D		Prep: SW3546 / 12/15/17		Analyst: <b>RM</b>
Acenaphthene	U		6.3	89	µg/Kg-dry	1	12/15/2017 21:18
Anthracene	U		3.2	89	µg/Kg-dry	1	12/15/2017 21:18
Benzo(a)anthracene	U		5.5	89	µg/Kg-dry	1	12/15/2017 21:18
Benzo(a)pyrene	U		2.2	89	µg/Kg-dry	1	12/15/2017 21:18
Benzo(b)fluoranthene	U		3.4	89	µg/Kg-dry	1	12/15/2017 21:18
Benzo(k)fluoranthene	U		4.6	89	µg/Kg-dry	1	12/15/2017 21:18
Chrysene	U		3.4	89	µg/Kg-dry	1	12/15/2017 21:18
Dibenzo(a,h)anthracene	U		2.9	89	µg/Kg-dry	1	12/15/2017 21:18
Fluoranthene	U		2.6	89	µg/Kg-dry	1	12/15/2017 21:18

Note: See Qualifiers page for a list of qualifiers and their definitions.

# ALS Group, USA

Date: 22-Dec-17

**Client:** Caerus Oil and Gas LLC  
**Project:** F23 Tank Spill  
**Sample ID:** 20171213-F23-Tank Spill POR  
**Collection Date:** 12/13/2017 09:00 AM

**Work Order:** 1712923  
**Lab ID:** 1712923-01  
**Matrix:** SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene		U	2.9	89	µg/Kg-dry	1	12/15/2017 21:18
Indeno(1,2,3-cd)pyrene		U	2.7	89	µg/Kg-dry	1	12/15/2017 21:18
<b>Naphthalene</b>	<b>1,100</b>		<b>17</b>	<b>89</b>	<b>µg/Kg-dry</b>	1	12/15/2017 21:18
Pyrene		U	3.2	89	µg/Kg-dry	1	12/15/2017 21:18
Surr: 2-Fluorobiphenyl	92.7			20-140	%REC	1	12/15/2017 21:18
Surr: 4-Terphenyl-d14	133			22-172	%REC	1	12/15/2017 21:18
Surr: Nitrobenzene-d5	137			28-140	%REC	1	12/15/2017 21:18
<b>VOLATILE ORGANIC COMPOUNDS</b>			Method: <b>SW8260B</b>		Prep: SW5035 / 12/15/17		Analyst: <b>BG</b>
<b>Benzene</b>	<b>3.6</b>		<b>0.091</b>	<b>0.53</b>	<b>mg/Kg-dry</b>	10	12/20/2017 04:20
<b>Ethylbenzene</b>	<b>2.0</b>		<b>0.11</b>	<b>0.53</b>	<b>mg/Kg-dry</b>	10	12/20/2017 04:20
<b>m,p-Xylene</b>	<b>28</b>		<b>0.25</b>	<b>1.1</b>	<b>mg/Kg-dry</b>	10	12/20/2017 04:20
<b>o-Xylene</b>	<b>4.5</b>		<b>0.21</b>	<b>0.53</b>	<b>mg/Kg-dry</b>	10	12/20/2017 04:20
<b>Toluene</b>	<b>20</b>		<b>0.15</b>	<b>0.53</b>	<b>mg/Kg-dry</b>	10	12/20/2017 04:20
<b>Xylenes, Total</b>	<b>33</b>		<b>0.46</b>	<b>1.6</b>	<b>mg/Kg-dry</b>	10	12/20/2017 04:20
Surr: 1,2-Dichloroethane-d4	104			70-130	%REC	10	12/20/2017 04:20
Surr: 4-Bromofluorobenzene	99.0			70-130	%REC	10	12/20/2017 04:20
Surr: Dibromofluoromethane	104			70-130	%REC	10	12/20/2017 04:20
Surr: Toluene-d8	97.6			70-130	%REC	10	12/20/2017 04:20
<b>ELECTRICAL CONDUCTIVITY (SAR)</b>			Method: <b>USDA H60 METHOD 2</b>		Prep: USDA Method 20B / 12/19/17		Analyst: <b>JB</b>
<b>Electrical Conductivity @ Saturation</b>	<b>21</b>		<b>0.011</b>	<b>0.10</b>	<b>mmhos/cm @25°</b>	20	12/19/2017 16:40
<b>CHROMIUM, TRIVALENT</b>			Method: <b>CALCULATION</b>				Analyst: <b>JB</b>
<b>Chromium, Trivalent</b>	<b>22</b>		<b>0.43</b>	<b>1.4</b>	<b>mg/Kg-dry</b>	1	12/22/2017 08:10
<b>CHROMIUM, HEXAVALENT</b>			Method: <b>SW7196A</b>		Prep: SW3060A / 12/18/17		Analyst: <b>RP</b>
<b>Chromium, Hexavalent</b>	<b>0.69</b>	J	<b>0.40</b>	<b>1.3</b>	<b>mg/Kg-dry</b>	1	12/19/2017 15:45
<b>MOISTURE</b>			Method: <b>SW3550C</b>				Analyst: <b>BTG</b>
<b>Moisture</b>	<b>28</b>		<b>0.025</b>	<b>0.050</b>	<b>% of sample</b>	1	12/18/2017 17:45

**Note:** See Qualifiers page for a list of qualifiers and their definitions.

**Client:** Caerus Oil and Gas LLC  
**Work Order:** 1712923  
**Project:** F23 Tank Spill

**QC BATCH REPORT**

Batch ID: **111906** Instrument ID **GC8** Method: **SW8015C**

MBLK		Sample ID: <b>DBLKS1-111906-111906</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/15/2017 04:58 PM</b>			
Client ID:		Run ID: <b>GC8_171215B</b>		SeqNo: <b>4814983</b>		Prep Date: <b>12/15/2017</b>		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	U	5.0									
<i>Surr: 4-Terphenyl-d14</i>	3.95	0	3.33	0	119	34-130	0				

LCS		Sample ID: <b>DLCSS1-111906-111906</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/15/2017 05:27 PM</b>			
Client ID:		Run ID: <b>GC8_171215B</b>		SeqNo: <b>4814984</b>		Prep Date: <b>12/15/2017</b>		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	268.6	5.0	333	0	80.7	65-122	0				
<i>Surr: 4-Terphenyl-d14</i>	3.917	0	3.33	0	118	34-130	0				

MS		Sample ID: <b>1712920-01A MS</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/15/2017 05:56 PM</b>			
Client ID:		Run ID: <b>GC8_171215B</b>		SeqNo: <b>4814985</b>		Prep Date: <b>12/15/2017</b>		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	2593	4.8	322.9	3004	-127	65-122	0			SEO	
<i>Surr: 4-Terphenyl-d14</i>	9.682	0	3.229	0	300	34-130	0			S	

MSD		Sample ID: <b>1712920-01A MSD</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/15/2017 06:25 PM</b>			
Client ID:		Run ID: <b>GC8_171215B</b>		SeqNo: <b>4814986</b>		Prep Date: <b>12/15/2017</b>		DF: <b>1</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
DRO (C10-C28)	3683	5.0	330.9	3004	205	65-122	2593	34.7	30	SREO	
<i>Surr: 4-Terphenyl-d14</i>	15.62	0	3.309	0	472	34-130	9.682	46.9	30	SR	

The following samples were analyzed in this batch: 1712923-01A

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 111909 Instrument ID GC10 Method: SW8015D

MBLK		Sample ID: MBLK-111909-111909				Units: µg/Kg-dry		Analysis Date: 12/18/2017 04:12 PM		
Client ID:		Run ID: GC10_171218A		SeqNo: 4817143		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	U	5,000								
Surr: Toluene-d8	4576	0	5000	0	91.5	71-123	0			

LCS		Sample ID: LCS-111909-111909				Units: µg/Kg-dry		Analysis Date: 12/18/2017 03:20 PM		
Client ID:		Run ID: GC10_171218A		SeqNo: 4817142		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	463800	5,000	500000	0	92.8	71-123	0			
Surr: Toluene-d8	4866	0	5000	0	97.3	71-123	0			

MS		Sample ID: 1712963-02A MS				Units: µg/Kg-dry		Analysis Date: 12/19/2017 03:08 A		
Client ID:		Run ID: GC10_171218A		SeqNo: 4817161		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	622800	6,400	636400	0	97.9	71-123	0			
Surr: Toluene-d8	6348	0	6364	0	99.8	71-123	0			

MSD		Sample ID: 1712963-02A MSD				Units: µg/Kg-dry		Analysis Date: 12/19/2017 03:34 A		
Client ID:		Run ID: GC10_171218A		SeqNo: 4817162		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	660500	6,400	636400	0	104	71-123	622800	5.88	30	
Surr: Toluene-d8	6483	0	6364	0	102	71-123	6348	2.1	30	

The following samples were analyzed in this batch:

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 112112 Instrument ID HG1 Method: SW7471B

<b>MBLK</b>		Sample ID: <b>MBLK-112112-112112</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/20/2017 01:53 PM</b>		
Client ID:		Run ID: <b>HG1_171220A</b>		SeqNo: <b>4821250</b>		Prep Date: <b>12/20/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury U 0.020

<b>LCS</b>		Sample ID: <b>LCS-112112-112112</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/20/2017 01:56 PM</b>		
Client ID:		Run ID: <b>HG1_171220A</b>		SeqNo: <b>4821251</b>		Prep Date: <b>12/20/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1808 0.020 0.1665 0 109 80-120 0

<b>MS</b>		Sample ID: <b>1712914-01AMS</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/20/2017 02:06 PM</b>		
Client ID:		Run ID: <b>HG1_171220A</b>		SeqNo: <b>4821255</b>		Prep Date: <b>12/20/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1415 0.017 0.1386 0.01176 93.6 75-125 0

<b>MSD</b>		Sample ID: <b>1712914-01AMSD</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/20/2017 02:08 PM</b>		
Client ID:		Run ID: <b>HG1_171220A</b>		SeqNo: <b>4821256</b>		Prep Date: <b>12/20/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1559 0.017 0.1409 0.01176 102 75-125 0.1415 9.68 35

The following samples were analyzed in this batch: 1712923-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 111907 Instrument ID ICP2 Method: SW846 6010C

MBLK		Sample ID: MBLK-111907-111907				Units: mg/Kg		Analysis Date: 12/18/2017 09:56 A		
Client ID:		Run ID: ICP2_171218A			SeqNo: 4815267		Prep Date: 12/15/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	U	0.25								
Barium	U	0.25								
Cadmium	U	0.50								
Chromium	0.04085	0.25								J
Copper	U	0.50								
Lead	U	0.25								
Nickel	U	0.25								
Selenium	U	0.50								
Silver	U	0.25								
Zinc	U	0.50								

LCS		Sample ID: LCS-111907-111907				Units: mg/Kg		Analysis Date: 12/18/2017 10:02 A		
Client ID:		Run ID: ICP2_171218A			SeqNo: 4815268		Prep Date: 12/15/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	5.106	0.25	5	0	102	80-120	0			
Barium	4.717	0.25	5	0	94.3	80-120	0			
Cadmium	5.107	0.50	5	0	102	80-120	0			
Chromium	5.147	0.25	5	0	103	80-120	0			
Copper	4.998	0.50	5	0	100	80-120	0			
Lead	5.321	0.25	5	0	106	80-120	0			
Nickel	5.13	0.25	5	0	103	80-120	0			
Selenium	4.614	0.50	5	0	92.3	80-120	0			
Silver	4.901	0.25	5	0	98	80-120	0			
Zinc	5.282	0.50	5	0	106	80-120	0			

MS		Sample ID: 1712981-03AMS				Units: mg/Kg		Analysis Date: 12/19/2017 10:38 A		
Client ID:		Run ID: ICP2_171219A			SeqNo: 4818425		Prep Date: 12/15/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	13.88	0.35	7.013	6.543	105	75-125	0			
Barium	78.43	0.35	7.013	62.24	231	75-125	0			SO
Cadmium	7.57	0.70	7.013	0.2118	105	75-125	0			
Chromium	20.59	0.35	7.013	11.93	123	75-125	0			
Copper	18.21	0.70	7.013	14.39	54.5	75-125	0			S
Lead	23	0.35	7.013	15.96	100	75-125	0			
Nickel	21.14	0.35	7.013	12.48	123	75-125	0			
Selenium	7.769	0.70	7.013	1.403	90.8	75-125	0			
Silver	6.634	0.35	7.013	-0.2735	98.5	75-125	0			
Zinc	66.03	0.70	7.013	48.76	246	75-125	0			SO

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Caerus Oil and Gas LLC  
**Work Order:** 1712923  
**Project:** F23 Tank Spill

# QC BATCH REPORT

Batch ID: **111907**      Instrument ID **ICP2**      Method: **SW846 6010C**

MSD		Sample ID: 1712981-03AMSD				Units: mg/Kg		Analysis Date: 12/19/2017 10:43 A			
Client ID:		Run ID: ICP2_171219A			SeqNo: 4818426		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	15.97	0.35	7.032	6.543	134	75-125	13.88	14	20	S	
Barium	79.1	0.35	7.032	62.24	240	75-125	78.43	0.847	20	SO	
Cadmium	7.88	0.70	7.032	0.2118	109	75-125	7.57	4.02	20		
Chromium	21.21	0.35	7.032	11.93	132	75-125	20.59	2.99	20	S	
Copper	22.55	0.70	7.032	14.39	116	75-125	18.21	21.3	20	R	
Lead	27.56	0.35	7.032	15.96	165	75-125	23	18	20	S	
Nickel	21.1	0.35	7.032	12.48	123	75-125	21.14	0.197	20		
Selenium	8.185	0.70	7.032	1.403	96.4	75-125	7.769	5.21	20		
Silver	6.702	0.35	7.032	-0.2735	99.2	75-125	6.634	1.02	20		
Zinc	109.7	0.70	7.032	48.76	866	75-125	66.03	49.7	20	SRO	

The following samples were analyzed in this batch: 1712923-01A

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 112032 Instrument ID ICPMS3 Method: SW6020A

DUP		Sample ID: 1712982-03ADUP				Units: mg/L		Analysis Date: 12/19/2017 12:27 PM		
Client ID:		Run ID: ICPMS3_171219A				SeqNo: 4818532		Prep Date: 12/19/2017		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	885.4	5.0	0	0	0	0-0	814.2	8.39		
Magnesium	157.3	2.0	0	0	0	0-0	141.5	10.6		

DUP		Sample ID: 1712982-03ADUP				Units: mg/L		Analysis Date: 12/19/2017 12:42 PM		
Client ID:		Run ID: ICPMS3_171219A				SeqNo: 4818541		Prep Date: 12/19/2017		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	2030	20	0	0	0	0-0	1900	6.64		

The following samples were analyzed in this batch:

Batch ID: 112032 Instrument ID SAR Method: USDA H60 Metho

DUP		Sample ID: 1712982-03ADUP				Units: none		Analysis Date: 12/19/2017		
Client ID:		Run ID: SAR_171219A				SeqNo: 4819134		Prep Date: 12/19/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	16.52	0.010	0	0	0		16.38	0.855	50	

The following samples were analyzed in this batch:

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 111905 Instrument ID SVMS6 Method: SW846 8270D

MBLK		Sample ID: SBLKS1-111905-111905				Units: µg/Kg		Analysis Date: 12/15/2017 07:29 PM		
Client ID:		Run ID: SVMS6_171215A		SeqNo: 4815947		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	U	42								
Anthracene	U	42								
Benzo(a)anthracene	U	42								
Benzo(a)pyrene	U	42								
Benzo(b)fluoranthene	U	42								
Benzo(k)fluoranthene	U	42								
Chrysene	U	42								
Dibenzo(a,h)anthracene	U	42								
Fluoranthene	U	42								
Fluorene	U	42								
Indeno(1,2,3-cd)pyrene	U	42								
Naphthalene	U	42								
Pyrene	U	42								
Surr: 2-Fluorobiphenyl	3087	0	3333	0	92.6	20-140	0			
Surr: 4-Terphenyl-d14	4262	0	3333	0	128	22-172	0			
Surr: Nitrobenzene-d5	4562	0	3333	0	137	28-140	0			

LCS		Sample ID: SLCSS1-111905-111905				Units: µg/Kg		Analysis Date: 12/15/2017 07:43 PM		
Client ID:		Run ID: SVMS6_171215A		SeqNo: 4815948		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1094	42	1333	0	82.1	40-140	0			
Anthracene	1168	42	1333	0	87.7	40-140	0			
Benzo(a)anthracene	1447	42	1333	0	109	40-140	0			
Benzo(a)pyrene	1554	42	1333	0	117	40-140	0			
Benzo(b)fluoranthene	1425	42	1333	0	107	40-140	0			
Benzo(k)fluoranthene	1104	42	1333	0	82.9	40-140	0			
Chrysene	1045	42	1333	0	78.4	40-140	0			
Dibenzo(a,h)anthracene	1190	42	1333	0	89.3	40-140	0			
Fluoranthene	1148	42	1333	0	86.2	40-140	0			
Fluorene	1301	42	1333	0	97.6	40-140	0			
Indeno(1,2,3-cd)pyrene	1243	42	1333	0	93.3	40-140	0			
Naphthalene	1098	42	1333	0	82.4	40-140	0			
Pyrene	1218	42	1333	0	91.4	40-140	0			
Surr: 2-Fluorobiphenyl	2820	0	3333	0	84.6	20-140	0			
Surr: 4-Terphenyl-d14	3735	0	3333	0	112	22-172	0			
Surr: Nitrobenzene-d5	4620	0	3333	0	139	28-140	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 111905 Instrument ID SVMS6 Method: SW846 8270D

MS				Sample ID: 1712757-02B MS			Units: µg/Kg		Analysis Date: 12/15/2017 07:56 PM		
Client ID:				Run ID: SVMS6_171215A			SeqNo: 4815949		Prep Date: 12/15/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1058	40	1293	0	81.8	40-140	0				
Anthracene	1195	40	1293	0	92.4	40-140	0				
Benzo(a)anthracene	1375	40	1293	0	106	40-140	0				
Benzo(a)pyrene	1381	40	1293	0	107	40-140	0				
Benzo(b)fluoranthene	1242	40	1293	0	96.1	40-140	0				
Benzo(k)fluoranthene	1030	40	1293	0	79.6	40-140	0				
Chrysene	1016	40	1293	0	78.6	40-140	0				
Dibenzo(a,h)anthracene	1305	40	1293	0	101	40-140	0				
Fluoranthene	1116	40	1293	0	86.3	40-140	0				
Fluorene	1258	40	1293	0	97.3	40-140	0				
Indeno(1,2,3-cd)pyrene	1303	40	1293	0	101	40-140	0				
Naphthalene	1064	40	1293	0	82.3	40-140	0				
Pyrene	1161	40	1293	0	89.8	40-140	0				
Surr: 2-Fluorobiphenyl	2883	0	3233	0	89.2	20-140	0				
Surr: 4-Terphenyl-d14	3454	0	3233	0	107	22-172	0				
Surr: Nitrobenzene-d5	3795	0	3233	0	117	28-140	0				

MSD				Sample ID: 1712757-02B MSD			Units: µg/Kg		Analysis Date: 12/15/2017 08:10 PM		
Client ID:				Run ID: SVMS6_171215A			SeqNo: 4815950		Prep Date: 12/15/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1036	41	1296	0	80	40-140	1058	2.08	30		
Anthracene	1145	41	1296	0	88.4	40-140	1195	4.26	30		
Benzo(a)anthracene	1339	41	1296	0	103	40-140	1375	2.65	30		
Benzo(a)pyrene	1350	41	1296	0	104	40-140	1381	2.27	30		
Benzo(b)fluoranthene	1194	41	1296	0	92.1	40-140	1242	4	30		
Benzo(k)fluoranthene	985.5	41	1296	0	76	40-140	1030	4.38	30		
Chrysene	985.5	41	1296	0	76.1	40-140	1016	3.09	30		
Dibenzo(a,h)anthracene	1195	41	1296	0	92.2	40-140	1305	8.75	30		
Fluoranthene	1075	41	1296	0	83	40-140	1116	3.69	30		
Fluorene	1223	41	1296	0	94.4	40-140	1258	2.87	30		
Indeno(1,2,3-cd)pyrene	1227	41	1296	0	94.7	40-140	1303	6.03	30		
Naphthalene	1080	41	1296	0	83.3	40-140	1064	1.46	30		
Pyrene	1127	41	1296	0	86.9	40-140	1161	2.98	30		
Surr: 2-Fluorobiphenyl	2828	0	3240	0	87.3	20-140	2883	1.91	0		
Surr: 4-Terphenyl-d14	3393	0	3240	0	105	22-172	3454	1.81	0		
Surr: Nitrobenzene-d5	3514	0	3240	0	108	28-140	3795	7.69	0		

The following samples were analyzed in this batch: 1712923-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 111908 Instrument ID VMS8 Method: SW8260B

MBLK		Sample ID: MBLK-111908-111908				Units: µg/Kg-dry		Analysis Date: 12/15/2017 03:24 PM		
Client ID:		Run ID: VMS8_171215A			SeqNo: 4814893		Prep Date: 12/15/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	U	30	0	0	0	0-0	0			
Ethylbenzene	U	30	0	0	0	0-0	0			
m,p-Xylene	U	60	0	0	0	0-0	0			
o-Xylene	U	30	0	0	0	0-0	0			
Toluene	U	30	0	0	0	0-0	0			
Xylenes, Total	U	90	0	0	0	0-0	0			
Surr: 1,2-Dichloroethane-d4	933.5	0	1000	0	93.4	70-130	0			
Surr: 4-Bromofluorobenzene	889.5	0	1000	0	89	70-130	0			
Surr: Dibromofluoromethane	947	0	1000	0	94.7	70-130	0			
Surr: Toluene-d8	951	0	1000	0	95.1	70-130	0			

LCS		Sample ID: LCS-111908-111908				Units: µg/Kg-dry		Analysis Date: 12/15/2017 02:37 PM		
Client ID:		Run ID: VMS8_171215A			SeqNo: 4814892		Prep Date: 12/15/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	908	30	1000	0	90.8	75-125	0			
Ethylbenzene	996	30	1000	0	99.6	75-125	0			
m,p-Xylene	1830	60	2000	0	91.5	80-125	0			
o-Xylene	1006	30	1000	0	101	75-125	0			
Toluene	960.5	30	1000	0	96	70-125	0			
Xylenes, Total	2836	90	3000	0	94.6	75-125	0			
Surr: 1,2-Dichloroethane-d4	860	0	1000	0	86	70-130	0			
Surr: 4-Bromofluorobenzene	1056	0	1000	0	106	70-130	0			
Surr: Dibromofluoromethane	892	0	1000	0	89.2	70-130	0			
Surr: Toluene-d8	1018	0	1000	0	102	70-130	0			

MS		Sample ID: 1712963-02A MS				Units: µg/Kg-dry		Analysis Date: 12/19/2017 04:01 A		
Client ID:		Run ID: VMS10_171218B			SeqNo: 4818019		Prep Date: 12/15/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1404	38	1273	0	110	75-125	0			
Ethylbenzene	1387	38	1273	0	109	75-125	0			
m,p-Xylene	2790	76	2545	0	110	80-125	0			
o-Xylene	1408	38	1273	0	111	75-125	0			
Toluene	1353	38	1273	0	106	70-125	0			
Xylenes, Total	4199	110	3818	0	110	75-125	0			
Surr: 1,2-Dichloroethane-d4	1295	0	1273	0	102	70-130	0			
Surr: 4-Bromofluorobenzene	1360	0	1273	0	107	70-130	0			
Surr: Dibromofluoromethane	1229	0	1273	0	96.6	70-130	0			
Surr: Toluene-d8	1296	0	1273	0	102	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 111908 Instrument ID VMS8 Method: SW8260B

MSD		Sample ID: 1712963-02A MSD				Units: µg/Kg-dry		Analysis Date: 12/19/2017 04:17 A		
Client ID:		Run ID: VMS10_171218B		SeqNo: 4818020		Prep Date: 12/15/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1378	38	1273	0	108	75-125	1404	1.88	30	
Ethylbenzene	1326	38	1273	0	104	75-125	1387	4.55	30	
m,p-Xylene	2625	76	2545	0	103	80-125	2790	6.11	30	
o-Xylene	1371	38	1273	0	108	75-125	1408	2.66	30	
Toluene	1308	38	1273	0	103	70-125	1353	3.4	30	
Xylenes, Total	3996	110	3818	0	105	75-125	4199	4.94	30	
Surr: 1,2-Dichloroethane-d4	1322	0	1273	0	104	70-130	1295	2.09	30	
Surr: 4-Bromofluorobenzene	1357	0	1273	0	107	70-130	1360	0.187	30	
Surr: Dibromofluoromethane	1236	0	1273	0	97.1	70-130	1229	0.516	30	
Surr: Toluene-d8	1284	0	1273	0	101	70-130	1296	0.987	30	

The following samples were analyzed in this batch: 1712923-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: 112019 Instrument ID WETCHEM Method: SW7196A

<b>MBLK</b>		Sample ID: <b>MBLK-112019-112019</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/19/2017 03:45 PM</b>		
Client ID:		Run ID: <b>WETCHEM_171219F</b>		SeqNo: <b>4819176</b>		Prep Date: <b>12/18/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent U 0.99

<b>LCS</b>		Sample ID: <b>LCS-112019-112019</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/19/2017 03:45 PM</b>		
Client ID:		Run ID: <b>WETCHEM_171219F</b>		SeqNo: <b>4819177</b>		Prep Date: <b>12/18/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 5.314 0.98 4.902 0 108 80-120 0

<b>MS</b>		Sample ID: <b>1712923-01A MS</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/19/2017 03:45 PM</b>		
Client ID: <b>20171213-F23-Tank Spill POR</b>		Run ID: <b>WETCHEM_171219F</b>		SeqNo: <b>4819184</b>		Prep Date: <b>12/18/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 3.951 0.97 4.854 0.4953 71.2 75-125 0 S

<b>MS</b>		Sample ID: <b>1712923-01A MSI</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/19/2017 03:45 PM</b>		
Client ID: <b>20171213-F23-Tank Spill POR</b>		Run ID: <b>WETCHEM_171219F</b>		SeqNo: <b>4819186</b>		Prep Date: <b>12/18/2017</b>		DF: <b>100</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1483 95 1609 0.4953 92.2 75-125 0

<b>MSD</b>		Sample ID: <b>1712923-01A MSD</b>				Units: <b>mg/Kg</b>		Analysis Date: <b>12/19/2017 03:45 PM</b>		
Client ID: <b>20171213-F23-Tank Spill POR</b>		Run ID: <b>WETCHEM_171219F</b>		SeqNo: <b>4819185</b>		Prep Date: <b>12/18/2017</b>		DF: <b>1</b>		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 3.683 0.96 4.808 0.4953 66.3 75-125 3.951 7.04 20 S

The following samples were analyzed in this batch:

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

**Client:** Caerus Oil and Gas LLC

**Work Order:** 1712923

**Project:** F23 Tank Spill

# QC BATCH REPORT

Batch ID: **112032**

Instrument ID **WETCHEM**

Method: **USDA H60 Metho**

<b>DUP</b>	Sample ID: <b>1712982-03A DUP</b>		Units: <b>mmhos/cm @25°</b>		Analysis Date: <b>12/19/2017 04:40 PM</b>					
Client ID:	Run ID: <b>WETCHEM_171219J</b>		SeqNo: <b>4819303</b>		Prep Date: <b>12/19/2017</b>		DF: <b>20</b>			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	16.66	0.10	0	0	0		14.4	14.6	50	

**The following samples were analyzed in this batch:**

1712923-01A

**Note:** See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Caerus Oil and Gas LLC  
 Work Order: 1712923  
 Project: F23 Tank Spill

# QC BATCH REPORT

Batch ID: **R226768** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: <b>WBLKS-R226768</b>				Units: % of sample			Analysis Date: <b>12/18/2017 05:45 PM</b>		
Client ID:		Run ID: <b>MOIST_171218D</b>				SeqNo: <b>4817886</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture U 0.050

LCS		Sample ID: <b>LCS-R226768</b>				Units: % of sample			Analysis Date: <b>12/18/2017 05:45 PM</b>		
Client ID:		Run ID: <b>MOIST_171218D</b>				SeqNo: <b>4817885</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 100 0.050 100 0 100 99.5-100.5 0

DUP		Sample ID: <b>1712756-03B DUP</b>				Units: % of sample			Analysis Date: <b>12/18/2017 05:45 PM</b>		
Client ID:		Run ID: <b>MOIST_171218D</b>				SeqNo: <b>4817866</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 15.79 0.050 0 0 0 0-0 14.85 6.14 10

DUP		Sample ID: <b>1712756-09B DUP</b>				Units: % of sample			Analysis Date: <b>12/18/2017 05:45 PM</b>		
Client ID:		Run ID: <b>MOIST_171218D</b>				SeqNo: <b>4817873</b>		Prep Date:		DF: <b>1</b>	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 18.7 0.050 0 0 0 0-0 19.05 1.85 10

The following samples were analyzed in this batch:

1712923-01A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.



PROJECT NAME: F23 Tank Spill		SAMPLER: Blair K Rollins		DATE: 12/13/17		PAGE: 1 of 1														
PROJECT No.		SITE ID		TURNAROUND: STD		DISPOSAL: By Lab or Return to Client														
COMPANY NAME: Caerus Piceance, LLC		BILL TO COMPANY: Caerus Piceance, LLC		TPH/GRO/DRO BTEX Table 910 PAH's EC PH SAR Benzene Table 910 Metals																
SEND REPORT TO: Jake Janicek		INVOICE ATTN TO: Jake Janicek																		
ADDRESS: 143 Diamond Ave		ADDRESS: 143 Diamond Ave																		
CITY / STATE / ZIP: Parachute Co 81835		CITY / STATE / ZIP: Parachute CO 81835																		
PHONE: 970-285-9608		PHONE: 970-285-9608																		
FAX:		FAX:																		
E-MAIL: jjanicek@caerusoilandgas.com		E-MAIL: jjanicek@caerusoilandgas.com																		
E-MAIL:		E-MAIL:																		
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC													
	20171213-F23-TankSpillPOR	S	12/13/17	0900	3			X	X	X	X	X	X	X						

\*Time Zone (Circle): EST CST MST PST Matrix: O = oil S = soil NS = non-soil solid W = water L = liquid E = extract F = filter

For metals or anions, please detail analytes below.

Comments:  3.0°C SR2	QC PACKAGE (check below)	
	X	LEVEL II (Standard QC)
		LEVEL III (Std QC + forms)
		LEVEL IV (Std QC + forms + raw data)

	SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY	<i>Blair K Rollins</i>	Blair Rollins	12/13/17	1500
RECEIVED BY	<i>[Signature]</i>		12/13/17	1500
RELINQUISHED BY	<i>[Signature]</i>		12/13/17	1870
RECEIVED BY	<i>[Signature]</i>	Kerry Wierencia	12/14/17	1000
RELINQUISHED BY				
RECEIVED BY				

Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035

Sample Receipt Checklist

Client Name: **CAERUS**

Date/Time Received: **14-Dec-17 10:00**

Work Order: **1712923**

Received by: **KRW**

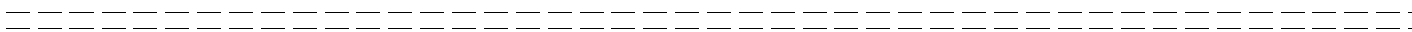
Checklist completed by Keith Wierenga 14-Dec-17  
eSignature Date

Reviewed by: Chad Whelton 15-Dec-17  
eSignature Date

Matrices: Soil  
 Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample(s) received on ice?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temperature(s)/Thermometer(s):	<u>3.0/3.0 C</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u> </u>		
Date/Time sample(s) sent to storage:	<u>12/14/2017 3:14:20 PM</u>		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
pH adjusted by:	<u> </u>		

Login Notes:



Client Contacted: \_\_\_\_\_ Date Contacted: \_\_\_\_\_ Person Contacted: \_\_\_\_\_

Contacted By: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments:

CorrectiveAction: