



12-Feb-2018

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

Re: **Mesa H2-797**

Work Order: **1712426**

Dear Jake,

ALS Environmental received 1 sample on 07-Dec-2017 09:30 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 22.

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

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Environmental 

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Client: Caerus Oil and Gas LLC
Project: Mesa H2-797
Work Order: 1712426

Work Order Sample Summary

<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>
1712426-01	20171206-H2 (Ex. Mat.)	Soil		12/6/2017 11:50	12/7/2017 09:30	<input type="checkbox"/>

<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
mg/Kg-dry	Milligrams per Kilogram Dry Weight
mg/L	Milligrams per Liter
mmhos/cm @25°C	Millimhos-Centimeter at 25 Degrees Celcius
none	
s.u.	Standard Units

ALS Group, USA

Date: 12-Feb-18

Client: Caerus Oil and Gas LLC
Project: Mesa H2-797
Sample ID: 20171206-H2 (Ex. Mat.)
Collection Date: 12/6/2017 11:50 AM

Work Order: 1712426
Lab ID: 1712426-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015C		Prep: SW3546 / 12/11/17		Analyst: KB
DRO (C10-C28)	160		3.2	5.6	mg/Kg-dry	1	12/12/2017 05:54
Surr: 4-Terphenyl-d14	38.5			34-130	%REC	1	12/12/2017 05:54
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035 / 12/7/17		Analyst: KB
GRO (C6-C10)	460		2.8	6.6	mg/Kg-dry	1	12/9/2017 02:23
Surr: Toluene-d8	101			71-123	%REC	1	12/9/2017 02:23
MERCURY BY CVAA							
			Method: SW7471B		Prep: SW7471 / 12/12/17		Analyst: RSB
Mercury	0.0043	J	0.0017	0.017	mg/Kg-dry	1	12/13/2017 14:08
METALS ANALYSIS BY ICP							
			Method: SW846 6010C		Prep: SW3050B / 12/12/17		Analyst: HBA
Arsenic	10		0.098	0.38	mg/Kg-dry	1	12/13/2017 00:06
Barium	390		0.15	0.38	mg/Kg-dry	1	12/13/2017 00:06
Cadmium	0.46	J	0.036	0.75	mg/Kg-dry	1	12/13/2017 00:06
Chromium	39		0.021	0.38	mg/Kg-dry	1	12/13/2017 00:06
Copper	19		0.17	0.75	mg/Kg-dry	1	12/13/2017 00:06
Lead	11		0.080	0.38	mg/Kg-dry	1	12/13/2017 00:06
Nickel	22		0.15	0.38	mg/Kg-dry	1	12/13/2017 00:06
Selenium	1.6		0.21	0.75	mg/Kg-dry	1	12/13/2017 00:06
Silver	U		0.047	0.38	mg/Kg-dry	1	12/13/2017 00:06
Zinc	64		0.060	0.75	mg/Kg-dry	1	12/13/2017 00:06
SOLUBLE CATIONS FOR SAR							
			Method: SW6020A		Prep: USDA Method 20B / 12/12/17		Analyst: JF
Calcium	540		0.86	5.0	mg/L	10	12/12/2017 14:53
Magnesium	35		0.068	2.0	mg/L	10	12/12/2017 14:53
Sodium	390		0.34	2.0	mg/L	10	12/12/2017 14:53
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 12/12/17		Analyst: RH
Sodium Adsorption Ratio	4.4		0.010	0.010	none	1	12/12/2017
SEMI-VOLATILE ORGANIC COMPOUNDS							
			Method: SW846 8270D		Prep: SW3546 / 12/11/17		Analyst: RM
Acenaphthene	U		0.0033	0.046	mg/Kg-dry	1	12/12/2017 04:11
Anthracene	U		0.0017	0.046	mg/Kg-dry	1	12/12/2017 04:11
Benzo(a)anthracene	U		0.0028	0.046	mg/Kg-dry	1	12/12/2017 04:11
Benzo(a)pyrene	U		0.0011	0.046	mg/Kg-dry	1	12/12/2017 04:11
Benzo(b)fluoranthene	U		0.0018	0.046	mg/Kg-dry	1	12/12/2017 04:11
Benzo(k)fluoranthene	U		0.0024	0.046	mg/Kg-dry	1	12/12/2017 04:11
Chrysene	U		0.0018	0.046	mg/Kg-dry	1	12/12/2017 04:11
Dibenzo(a,h)anthracene	U		0.0015	0.046	mg/Kg-dry	1	12/12/2017 04:11
Fluoranthene	U		0.0013	0.046	mg/Kg-dry	1	12/12/2017 04:11

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

ALS Group, USA

Date: 12-Feb-18

Client: Caerus Oil and Gas LLC
Project: Mesa H2-797
Sample ID: 20171206-H2 (Ex. Mat.)
Collection Date: 12/6/2017 11:50 AM

Work Order: 1712426
Lab ID: 1712426-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	U		0.0015	0.046	mg/Kg-dry	1	12/12/2017 04:11
Indeno(1,2,3-cd)pyrene	U		0.0014	0.046	mg/Kg-dry	1	12/12/2017 04:11
Naphthalene	1.2		0.0086	0.046	mg/Kg-dry	1	12/12/2017 04:11
Pyrene	U		0.0017	0.046	mg/Kg-dry	1	12/12/2017 04:11
Surr: 2-Fluorobiphenyl	34.7			20-140	%REC	1	12/12/2017 04:11
Surr: 4-Terphenyl-d14	36.7			22-172	%REC	1	12/12/2017 04:11
Surr: Nitrobenzene-d5	101			28-140	%REC	1	12/12/2017 04:11
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Prep: SW5035 / 12/7/17		Analyst: BG
Benzene	0.027	J	0.0068	0.040	mg/Kg-dry	1	12/9/2017 01:53
Ethylbenzene	0.72		0.0084	0.040	mg/Kg-dry	1	12/9/2017 01:53
m,p-Xylene	38		0.076	0.32	mg/Kg-dry	4	12/11/2017 21:50
o-Xylene	3.3		0.015	0.040	mg/Kg-dry	1	12/9/2017 01:53
Toluene	0.74		0.011	0.040	mg/Kg-dry	1	12/9/2017 01:53
Xylenes, Total	46		0.14	0.48	mg/Kg-dry	4	12/11/2017 21:50
Surr: 1,2-Dichloroethane-d4	78.1			70-130	%REC	1	12/9/2017 01:53
Surr: 1,2-Dichloroethane-d4	93.0			70-130	%REC	4	12/11/2017 21:50
Surr: 4-Bromofluorobenzene	97.2			70-130	%REC	1	12/9/2017 01:53
Surr: 4-Bromofluorobenzene	110			70-130	%REC	4	12/11/2017 21:50
Surr: Dibromofluoromethane	88.4			70-130	%REC	1	12/9/2017 01:53
Surr: Dibromofluoromethane	91.4			70-130	%REC	4	12/11/2017 21:50
Surr: Toluene-d8	94.4			70-130	%REC	1	12/9/2017 01:53
Surr: Toluene-d8	91.2			70-130	%REC	4	12/11/2017 21:50
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 12/12/17		Analyst: JB
Electrical Conductivity @ Saturation	5.2		0.011	0.10	mmhos/cm @25°	20	12/13/2017 10:15
CHROMIUM, TRIVALENT			Method: CALCULATION				Analyst: JB
Chromium, Trivalent	38		0.35	1.1	mg/Kg-dry	1	12/13/2017 15:15
CHROMIUM, HEXAVALENT			Method: SW7196A		Prep: SW3060A / 12/12/17		Analyst: RP
Chromium, Hexavalent	0.57	J	0.33	1.1	mg/Kg-dry	1	12/13/2017 13:45
MOISTURE			Method: SW3550C				Analyst: BTG
Moisture	11		0.025	0.050	% of sample	1	12/13/2017 11:50
PH			Method: SW9045D		Prep: EXTRACT / 12/12/17		Analyst: JB
pH	7.9		0.10	0.10	s.u.	1	12/13/2017 10:00

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111677** Instrument ID **GC8** Method: **SW8015C**

MBLK		Sample ID: DBLKS1-111677-111677				Units: mg/Kg		Analysis Date: 12/12/2017 12:05 PM		
Client ID:		Run ID: GC8_171211A				SeqNo: 4805260		Prep Date: 12/11/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) U 5.0
Surr: 4-Terphenyl-d14 3.133 0 3.33 0 94.1 34-130 0

LCS		Sample ID: DLCSS1-111677-111677				Units: mg/Kg		Analysis Date: 12/12/2017 12:34 PM		
Client ID:		Run ID: GC8_171211A				SeqNo: 4805261		Prep Date: 12/11/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) 280.8 5.0 333 0 84.3 65-122 0
Surr: 4-Terphenyl-d14 3.65 0 3.33 0 110 34-130 0

MS		Sample ID: 1712423-02A MS				Units: mg/Kg		Analysis Date: 12/12/2017 01:32 A		
Client ID:		Run ID: GC8_171211A				SeqNo: 4805249		Prep Date: 12/11/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) 274.1 4.8 317.3 1.247 86 65-122 0
Surr: 4-Terphenyl-d14 3.541 0 3.173 0 112 34-130 0

MSD		Sample ID: 1712423-02A MSD				Units: mg/Kg		Analysis Date: 12/12/2017 02:01 A		
Client ID:		Run ID: GC8_171211A				SeqNo: 4805250		Prep Date: 12/11/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) 260.5 4.9 323.8 1.247 80.1 65-122 274.1 5.09 30
Surr: 4-Terphenyl-d14 3.565 0 3.238 0 110 34-130 3.541 0.673 30

The following samples were analyzed in this batch: 1712426-01B

Client: Caerus Oil and Gas LLC
 Work Order: 1712426
 Project: Mesa H2-797

QC BATCH REPORT

Batch ID: 111574 Instrument ID GC9 Method: SW8015D

MBLK		Sample ID: MBLK-111574-111574				Units: µg/Kg-dry		Analysis Date: 12/8/2017 10:28 PM		
Client ID:		Run ID: GC9_171208B				SeqNo: 4803001		Prep Date: 12/7/2017		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	4838	0	5000	0	96.8	71-123	0			

LCS		Sample ID: LCS-111574-111574				Units: µg/Kg-dry		Analysis Date: 12/8/2017 09:29 PM		
Client ID:		Run ID: GC9_171208B				SeqNo: 4803000		Prep Date: 12/7/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	522000	5,000	500000	0	104	71-123	0			
Surr: Toluene-d8	5546	0	5000	0	111	71-123	0			

MS		Sample ID: 1712425-01A MS				Units: µg/Kg-dry		Analysis Date: 12/9/2017 04:21 AM		
Client ID:		Run ID: GC9_171208B				SeqNo: 4803009		Prep Date: 12/7/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	706600	6,100	611100	16060	113	71-123	0			
Surr: Toluene-d8	6450	0	6111	0	106	71-123	0			

MSD		Sample ID: 1712425-01A MSD				Units: µg/Kg-dry		Analysis Date: 12/9/2017 04:51 AM		
Client ID:		Run ID: GC9_171208B				SeqNo: 4803010		Prep Date: 12/7/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	706900	6,100	611100	16060	113	71-123	706600	0.0438	30	
Surr: Toluene-d8	7358	0	6111	0	120	71-123	6450	13.2	30	

The following samples were analyzed in this batch: 1712426-01A

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111747** Instrument ID **HG1** Method: **SW7471B**

MBLK		Sample ID: MBLK-111747-111747				Units: mg/Kg		Analysis Date: 12/13/2017 12:52 PM		
Client ID:		Run ID: HG1_171213A				SeqNo: 4809175		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury U 0.020

LCS		Sample ID: LCS-111747-111747				Units: mg/Kg		Analysis Date: 12/13/2017 09:43 PM		
Client ID:		Run ID: HG1_171213A				SeqNo: 4811342		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1433 0.020 0.1665 0 86.1 80-120 0

MS		Sample ID: 1712089-07BMS				Units: mg/Kg		Analysis Date: 12/14/2017 12:34 PM		
Client ID:		Run ID: HG1_171214A				SeqNo: 4811404		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1193 0.015 0.1268 0.00203 92.5 75-125 0

MSD		Sample ID: 1712089-07BMSD				Units: mg/Kg		Analysis Date: 12/14/2017 12:37 PM		
Client ID:		Run ID: HG1_171214A				SeqNo: 4811405		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1267 0.015 0.1266 0.00203 98.5 75-125 0.1193 6.06 35

The following samples were analyzed in this batch:

1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111729** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK				Sample ID: MBLK-111729-111729				Units: mg/Kg			Analysis Date: 12/12/2017 11:54 PM		
Client ID:				Run ID: ICP2_171212A				SeqNo: 4807298		Prep Date: 12/12/2017		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	0.0171	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-111729-111729			Units: mg/Kg		Analysis Date: 12/13/2017	
Client ID:			Run ID: ICP2_171212A			SeqNo: 4807299		Prep Date: 12/12/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	4.705	0.25	5	0	94.1	80-120	0				
Barium	4.91	0.25	5	0	98.2	80-120	0				
Cadmium	4.735	0.50	5	0	94.7	80-120	0				
Chromium	5.347	0.25	5	0	107	80-120	0				
Copper	4.73	0.50	5	0	94.6	80-120	0				
Lead	4.85	0.25	5	0	97	80-120	0				
Nickel	4.94	0.25	5	0	98.8	80-120	0				
Selenium	4.455	0.50	5	0	89.1	80-120	0				
Silver	4.505	0.25	5	0	90.1	80-120	0				
Zinc	4.96	0.50	5	0	99.2	80-120	0				

MS				Sample ID: 1712603-01AMS			Units: mg/Kg		Analysis Date: 12/13/2017 01:25 A		
Client ID:			Run ID: ICP2_171212A			SeqNo: 4807320		Prep Date: 12/12/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	10.66	0.34	6.72	3.745	103	75-125	0				
Barium	674.9	0.34	6.72	746.5	-1070	75-125	0			SO	
Cadmium	7.575	0.67	6.72	0.3597	107	75-125	0				
Chromium	20.73	0.34	6.72	12.2	127	75-125	0			S	
Copper	31.38	0.67	6.72	25.5	87.5	75-125	0				
Lead	12.87	0.34	6.72	7.354	82.1	75-125	0				
Nickel	36.01	0.34	6.72	28.88	106	75-125	0			O	
Selenium	7.22	0.67	6.72	1.403	86.6	75-125	0				
Zinc	64.08	0.67	6.72	56.88	107	75-125	0			O	

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111729** Instrument ID **ICP2** Method: **SW846 6010C**

MS		Sample ID: 1712603-01AMS				Units: mg/Kg		Analysis Date: 12/13/2017 01:09 PM		
Client ID:		Run ID: ICP2_171213A				SeqNo: 4808662		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Silver	6.893	0.34	6.72	-0.3054	107	75-125	0			

MSD		Sample ID: 1712603-01AMSD				Units: mg/Kg		Analysis Date: 12/13/2017 01:32 A		
Client ID:		Run ID: ICP2_171212A				SeqNo: 4807321		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.11	0.34	6.72	3.745	94.8	75-125	10.66	5.29	20	
Barium	620.8	0.34	6.72	746.5	-1870	75-125	674.9	8.35	20	SO
Cadmium	7.343	0.67	6.72	0.3597	104	75-125	7.575	3.11	20	
Chromium	17.75	0.34	6.72	12.2	82.6	75-125	20.73	15.5	20	
Copper	27.21	0.67	6.72	25.5	25.5	75-125	31.38	14.2	20	S
Lead	11.79	0.34	6.72	7.354	66	75-125	12.87	8.81	20	S
Nickel	31.54	0.34	6.72	28.88	39.6	75-125	36.01	13.3	20	SO
Selenium	6.931	0.67	6.72	1.403	82.3	75-125	7.22	4.09	20	
Zinc	59.62	0.67	6.72	56.88	40.8	75-125	64.08	7.21	20	SO

MSD		Sample ID: 1712603-01AMSD				Units: mg/Kg		Analysis Date: 12/13/2017 01:16 PM		
Client ID:		Run ID: ICP2_171213A				SeqNo: 4808664		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Silver	6.411	0.34	6.72	-0.3054	99.9	75-125	6.893	7.25	20	

The following samples were analyzed in this batch:

1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111727** Instrument ID **ICPMS3** Method: **SW6020A**

DUP		Sample ID: 1712425-03ADUP				Units: mg/L		Analysis Date: 12/12/2017 02:51 PM		
Client ID:		Run ID: ICPMS3_171212A				SeqNo: 4807636		Prep Date: 12/12/2017		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	1484	5.0	0	0	0	0-0	1253	16.9		
Magnesium	145.5	2.0	0	0	0	0-0	123.9	16.1		
Sodium	1723	2.0	0	0	0	0-0	1484	14.9		

The following samples were analyzed in this batch:

1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111614** Instrument ID **SVMS6** Method: **SW846 8270D**

MBLK				Sample ID: SBLKS1-111614-111614				Units: µg/Kg			Analysis Date: 12/11/2017 09:50 PM		
Client ID:			Run ID: SVMS6_171211A			SeqNo: 4807088			Prep Date: 12/11/2017			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	3373	0	3333	0	101	20-140	0						
Surr: 4-Terphenyl-d14	4204	0	3333	0	126	22-172	0						
Surr: Nitrobenzene-d5	4211	0	3333	0	126	28-140	0						

LCS				Sample ID: SLCSS1-111614-111614				Units: µg/Kg		Analysis Date: 12/11/2017 10:03 PM	
Client ID:			Run ID: SVMS6_171211A			SeqNo: 4807089		Prep Date: 12/11/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Acenaphthene	1221	42	1333	0	91.6	40-140	0				
Anthracene	1308	42	1333	0	98.1	40-140	0				
Benzo(a)anthracene	1436	42	1333	0	108	40-140	0				
Benzo(a)pyrene	1437	42	1333	0	108	40-140	0				
Benzo(b)fluoranthene	1359	42	1333	0	102	40-140	0				
Benzo(k)fluoranthene	1343	42	1333	0	101	40-140	0				
Chrysene	1235	42	1333	0	92.7	40-140	0				
Dibenzo(a,h)anthracene	1218	42	1333	0	91.4	40-140	0				
Fluoranthene	1232	42	1333	0	92.4	40-140	0				
Fluorene	1452	42	1333	0	109	40-140	0				
Indeno(1,2,3-cd)pyrene	1327	42	1333	0	99.5	40-140	0				
Naphthalene	1267	42	1333	0	95.1	40-140	0				
Pyrene	1285	42	1333	0	96.4	40-140	0				
Surr: 2-Fluorobiphenyl	3095	0	3333	0	92.9	20-140	0				
Surr: 4-Terphenyl-d14	3485	0	3333	0	105	22-172	0				
Surr: Nitrobenzene-d5	4189	0	3333	0	126	28-140	0				

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111614** Instrument ID **SVMS6** Method: **SW846 8270D**

MS				Sample ID: 1712359-08B MS			Units: µg/Kg		Analysis Date: 12/11/2017 10:17 PM	
Client ID:				Run ID: SVMS6_171211A			SeqNo: 4807090		Prep Date: 12/11/2017	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1171	40	1287	0	90.9	40-140	0			
Anthracene	1280	40	1287	0	99.4	40-140	0			
Benzo(a)anthracene	1406	40	1287	0	109	40-140	0			
Benzo(a)pyrene	1471	40	1287	0	114	40-140	0			
Benzo(b)fluoranthene	1409	40	1287	0	109	40-140	0			
Benzo(k)fluoranthene	1433	40	1287	0	111	40-140	0			
Chrysene	1254	40	1287	0	97.4	40-140	0			
Dibenzo(a,h)anthracene	1442	40	1287	0	112	40-140	0			
Fluoranthene	1237	40	1287	79.21	89.9	40-140	0			
Fluorene	1435	40	1287	0	111	40-140	0			
Indeno(1,2,3-cd)pyrene	1492	40	1287	0	116	40-140	0			
Naphthalene	1246	40	1287	0	96.8	40-140	0			
Pyrene	1420	40	1287	75.83	104	40-140	0			
Surr: 2-Fluorobiphenyl	2977	0	3219	0	92.5	20-140	0			
Surr: 4-Terphenyl-d14	3657	0	3219	0	114	22-172	0			
Surr: Nitrobenzene-d5	4127	0	3219	0	128	28-140	0			

MSD				Sample ID: 1712359-08B MSD			Units: µg/Kg		Analysis Date: 12/11/2017 10:31 PM	
Client ID:				Run ID: SVMS6_171211A			SeqNo: 4807091		Prep Date: 12/11/2017	
									DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1206	41	1300	0	92.8	40-140	1171	3.01	30	
Anthracene	1314	41	1300	0	101	40-140	1280	2.63	30	
Benzo(a)anthracene	1447	41	1300	0	111	40-140	1406	2.84	30	
Benzo(a)pyrene	1553	41	1300	0	119	40-140	1471	5.41	30	
Benzo(b)fluoranthene	1456	41	1300	0	112	40-140	1409	3.34	30	
Benzo(k)fluoranthene	1393	41	1300	0	107	40-140	1433	2.83	30	
Chrysene	1271	41	1300	0	97.8	40-140	1254	1.36	30	
Dibenzo(a,h)anthracene	1443	41	1300	0	111	40-140	1442	0.0523	30	
Fluoranthene	1265	41	1300	79.21	91.2	40-140	1237	2.26	30	
Fluorene	1431	41	1300	0	110	40-140	1435	0.275	30	
Indeno(1,2,3-cd)pyrene	1430	41	1300	0	110	40-140	1492	4.25	30	
Naphthalene	1218	41	1300	0	93.7	40-140	1246	2.27	30	
Pyrene	1369	41	1300	75.83	99.4	40-140	1420	3.72	30	
Surr: 2-Fluorobiphenyl	3041	0	3251	0	93.5	20-140	2977	2.13	0	
Surr: 4-Terphenyl-d14	3474	0	3251	0	107	22-172	3657	5.14	0	
Surr: Nitrobenzene-d5	4498	0	3251	0	138	28-140	4127	8.61	0	

The following samples were analyzed in this batch: 1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111573** Instrument ID **VMS10** Method: **SW8260B**

Sample ID: MBLK-111573-111573				Units: µg/Kg-dry			Analysis Date: 12/8/2017 09:43 PM			
Client ID:		Run ID: VMS10_171208B		SeqNo: 4803550		Prep Date: 12/7/2017		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			
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>931</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>93.1</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: 4-Bromofluorobenzene</i>	<i>903.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>90.4</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: Dibromofluoromethane</i>	<i>903.5</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>90.4</i>	<i>70-130</i>	<i>0</i>			
<i>Surr: Toluene-d8</i>	<i>930</i>	<i>0</i>	<i>1000</i>	<i>0</i>	<i>93</i>	<i>70-130</i>	<i>0</i>			

LCS				Sample ID: LCS-111573-111573			Units: µg/Kg-dry		Analysis Date: 12/8/2017 08:56 PM		
Client ID:			Run ID: VMS10_171208B			SeqNo: 4803549		Prep Date: 12/7/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	974	30	1000	0	97.4	75-125	0				
Ethylbenzene	880	30	1000	0	88	75-125	0				
m,p-Xylene	1660	60	2000	0	83	80-125	0				
o-Xylene	821	30	1000	0	82.1	75-125	0				
Toluene	968	30	1000	0	96.8	70-125	0				
Xylenes, Total	2482	90	3000	0	82.7	75-125	0				
Surr: 1,2-Dichloroethane-d4	917.5	0	1000	0	91.8	70-130	0				
Surr: 4-Bromofluorobenzene	884	0	1000	0	88.4	70-130	0				
Surr: Dibromofluoromethane	1007	0	1000	0	101	70-130	0				
Surr: Toluene-d8	975	0	1000	0	97.5	70-130	0				

MS				Sample ID: 1712381-01A MS		Units: µg/Kg-dry		Analysis Date: 12/8/2017 07:57 PM		
Client ID:			Run ID: VMS7_171208A		SeqNo: 4803101		Prep Date: 12/7/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1320	30	1000	296.1	102	75-125	0			
Ethylbenzene	1087	30	1000	161.7	92.5	75-125	0			
m,p-Xylene	3502	60	2000	2113	69.4	80-125	0			S
o-Xylene	1261	30	1000	394.2	86.7	75-125	0			
Toluene	2252	30	1000	1698	55.3	70-125	0			S
Xylenes, Total	4763	90	3000	2507	75.2	75-125	0			
Surr: 1,2-Dichloroethane-d4	1040	0	1000	0	104	70-130	0			
Surr: 4-Bromofluorobenzene	1016	0	1000	0	102	70-130	0			
Surr: Dibromofluoromethane	1020	0	1000	0	102	70-130	0			
Surr: Toluene-d8	974	0	1000	0	97.4	70-130	0			

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

Client: Caerus Oil and Gas LLC
 Work Order: 1712426
 Project: Mesa H2-797

QC BATCH REPORT

Batch ID: 111573 Instrument ID VMS10 Method: SW8260B

MS				Sample ID: 1712425-01A MS		Units: µg/Kg-dry		Analysis Date: 12/9/2017 03:12 AM		
Client ID:			Run ID: VMS10_171208B		SeqNo: 4803565		Prep Date: 12/7/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1098	34	1119	76.39	91.3	75-125		0		
Ethylbenzene	1062	34	1119	58.06	89.8	75-125		0		
m,p-Xylene	2223	67	2237	391.1	81.9	80-125		0		
o-Xylene	1081	34	1119	52.56	91.9	75-125		0		
Toluene	1181	34	1119	329.4	76.2	70-125		0		
Xylenes, Total	3303	100	3356	443	85.2	75-125		0		
Surr: 1,2-Dichloroethane-d4	913.9	0	1119	0	81.7	70-130		0		
Surr: 4-Bromofluorobenzene	1082	0	1119	0	96.8	70-130		0		
Surr: Dibromofluoromethane	993.4	0	1119	0	88.8	70-130		0		
Surr: Toluene-d8	1066	0	1119	0	95.2	70-130		0		

MSD				Sample ID: 1712425-01A MSD			Units: µg/Kg-dry		Analysis Date: 12/9/2017 03:27 AM		
Client ID:			Run ID: VMS10_171208B			SeqNo: 4803566		Prep Date: 12/7/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1163	34	1119	76.39	97.1	75-125	1098	5.74	30		
Ethylbenzene	1148	34	1119	58.06	97.4	75-125	1062	7.74	30		
m,p-Xylene	2504	67	2237	391.1	94.4	80-125	2223	11.9	30		
o-Xylene	1160	34	1119	52.56	99	75-125	1081	7.09	30		
Toluene	1334	34	1119	329.4	89.8	70-125	1181	12.1	30		
Xylenes, Total	3664	100	3356	443	96	75-125	3303	10.3	30		
Surr: 1,2-Dichloroethane-d4	919	0	1119	0	82.2	70-130	913.9	0.549	30		
Surr: 4-Bromofluorobenzene	1090	0	1119	0	97.4	70-130	1082	0.67	30		
Surr: Dibromofluoromethane	1075	0	1119	0	96.1	70-130	993.4	7.9	30		
Surr: Toluene-d8	1081	0	1119	0	96.6	70-130	1066	1.41	30		

The following samples were analyzed in this batch:

1712426-01A

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111727** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

DUP		Sample ID: 1712425-03A DUP				Units: mmhos/cm @25°		Analysis Date: 12/13/2017 10:15 A		
Client ID:		Run ID: WETCHEM_171213F			SeqNo: 4808142		Prep Date: 12/12/2017		DF: 20	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	16.68	0.10	0	0	0		14.3	15.4	50	

The following samples were analyzed in this batch:

1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111756** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-111756-111756				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808540		Prep Date: 12/12/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent U 1.0

LCS		Sample ID: LCS-111756-111756				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808541		Prep Date: 12/12/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.716 0.98 4.902 0 96.2 80-120 0

MS		Sample ID: 1712423-01A MS				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808545		Prep Date: 12/12/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 5.327 0.96 4.808 1.366 82.4 75-125 0

MS		Sample ID: 1712423-01A MSI				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808547		Prep Date: 12/12/2017		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 585.4 97 1562 1.366 37.4 75-125 0 S

MS		Sample ID: 1712603-04A MS				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808558		Prep Date: 12/12/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.03 0.99 4.95 -0.08911 83.2 75-125 0

MS		Sample ID: 1712603-04A MSI				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808560		Prep Date: 12/12/2017		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1286 97 1968 -0.08911 65.4 75-125 0 S

MSD		Sample ID: 1712423-01A MSD				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H		SeqNo: 4808546		Prep Date: 12/12/2017		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 6.337 0.99 4.95 1.366 100 75-125 5.327 17.3 20

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111756** Instrument ID **WETCHEM** Method: **SW7196A**

MSD		Sample ID: 1712603-04A MSD				Units: mg/Kg		Analysis Date: 12/13/2017 01:45 PM		
Client ID:		Run ID: WETCHEM_171213H			SeqNo: 4808559		Prep Date: 12/12/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium, Hexavalent	4.277	0.99	4.95	-0.08911	88.2	75-125	4.03	5.96	20	

The following samples were analyzed in this batch:

1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **111761** Instrument ID **WETCHEM** Method: **SW9045D**

LCS		Sample ID: LCS-111761-111761					Units: s.u.		Analysis Date: 12/13/2017 10:00 A		
Client ID:			Run ID: WETCHEM_171213E			SeqNo: 4808061		Prep Date: 12/12/2017		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

pH	3.93	0.10	4	0	98.2	90-110	0			
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DUP		Sample ID: 1712425-01A DUP				Units: s.u.		Analysis Date: 12/13/2017 10:00 A		
Client ID:		Run ID: WETCHEM_171213E				SeqNo: 4808067		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	7.68	0.10	0	0	0	0-0	7.63	0.653	20	
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DUP		Sample ID: 1712603-01A DUP					Units: s.u.		Analysis Date: 12/13/2017 10:00 A	
Client ID:			Run ID: WETCHEM_171213E			SeqNo: 4808074		Prep Date: 12/12/2017		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	7.62	0.10	0	0	0	0-0	7.47	1.99	20	
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The following samples were analyzed in this batch:

1712426-01B

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

Client: Caerus Oil and Gas LLC
Work Order: 1712426
Project: Mesa H2-797

QC BATCH REPORT

Batch ID: **R226428** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R226428				Units: % of sample		Analysis Date: 12/13/2017 11:50 A		
Client ID:		Run ID: MOIST_171213B		SeqNo: 4808990		Prep Date:		DF: 1		
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: LCS-R226428				Units: % of sample		Analysis Date: 12/13/2017 11:50 A		
Client ID:		Run ID: MOIST_171213B		SeqNo: 4808989		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 99.99 0.050 100 0 100 99.5-100.5 0

DUP		Sample ID: 1712426-01B DUP				Units: % of sample		Analysis Date: 12/13/2017 11:50 A		
Client ID: 20171206-H2 (Ex. Mat.)		Run ID: MOIST_171213B		SeqNo: 4808984		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 10.39 0.050 0 0 0 0-0 10.89 4.7 10

The following samples were analyzed in this batch:

1712426-01B

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



CHAIN OF CUSTODY

Failure to complete all section of this form may delay analysis.

COC number (for client tracking)

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(a) DW (Drinking water), SW (Surface water), GW (Ground water), WW (Waste water), S (Soil), SL (Sludge), SE (Sediment), OS (Other solid material)

Technichem (HK) Pty Ltd Address: 11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, N.T., Hong Kong Tel: +852 2610 1044 Fax: +852 2610 2021 Email: HongKong@elsglobal.com

1712426

SP2 3.0°C

Sample Receipt Checklist

Client Name: **CAERUS**

Date/Time Received: **07-Dec-17 09:30**

Work Order: **1712426**

Received by: **KRW**

Checklist completed by Keith Wurenga
eSignature

07-Dec-17
Date

Reviewed by: Chad Whelton
eSignature

08-Dec-17
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>12/7/2017 2:39:06 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: