



15-Jun-2018

Mike Gardner
Terra Energy Partners, LLC
1058 Country Rd 215
Parachute, CO 81635

Re: **DOE 3-W-29**

Work Order: **1806573**

Dear Mike,

ALS Environmental received 1 sample on 09-Jun-2018 10:15 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland 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 23.

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

ADDRESS: 3352 128th Avenue, Holland, MI, USA
PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Sincerely,

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

Electronically approved by: Chad Whelton

Chad Whelton
Project Manager

Report of Laboratory Analysis

Certificate No: MN 998501

ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: Terra Energy Partners, LLC
Project: DOE 3-W-29
Work Order: 1806573

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>
1806573-01	DOE 3-W-29	Soil		6/8/2018 11:45	6/9/2018 10:15	<input type="checkbox"/>

Client: Terra Energy Partners, LLC**Project:** DOE 3-W-29**Work Order:** 1806573**Case Narrative**

Batch 119743, Method CR6_7196_S, Sample 1806573-01A MS/MSD: The MS/MSD recovery was below the lower control limit for Hexavalent Chromium. 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
mg/Kg	Milligrams per Kilogram
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: 15-Jun-18

Client: Terra Energy Partners, LLC
Project: DOE 3-W-29
Sample ID: DOE 3-W-29
Collection Date: 6/8/2018 11:45 AM

Work Order: 1806573
Lab ID: 1806573-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID						
DRO (C10-C28)	ND		SW8015C	6.0	mg/Kg-dry	Prep: SW3546 6/11/18 11:50 Analyst: MEB 6/11/2018 04:58 PM
Surr: 4-Terphenyl-d14	47.5		34-130	%REC	1	6/11/2018 04:58 PM
GASOLINE RANGE ORGANICS BY GC-FID						
GRO (C6-C10)	76		SW8015D	7.3	mg/Kg	Prep: SW5035 6/10/18 17:04 Analyst: MEB 6/12/2018 02:28 AM
Surr: Toluene-d8	114		71-123	%REC	1	6/12/2018 02:28 AM
MERCURY BY CVAA						
Mercury	0.042		SW7471B	0.022	mg/Kg-dry	Prep: SW7471 6/12/18 10:32 Analyst: RSB 6/12/2018 02:28 PM
METALS ANALYSIS BY ICP						
Arsenic	10		SW846 6010C	0.42	mg/Kg-dry	Prep: SW3050B 6/11/18 12:27 Analyst: ABL 6/12/2018 12:50 PM
Barium	250			0.42	mg/Kg-dry	6/12/2018 12:50 PM
Cadmium	ND			0.84	mg/Kg-dry	6/12/2018 12:50 PM
Chromium	14			0.42	mg/Kg-dry	6/12/2018 12:50 PM
Copper	17			0.84	mg/Kg-dry	6/12/2018 12:50 PM
Lead	9.8			0.42	mg/Kg-dry	6/12/2018 12:50 PM
Nickel	13			0.42	mg/Kg-dry	6/12/2018 12:50 PM
Selenium	ND			0.84	mg/Kg-dry	6/12/2018 12:50 PM
Silver	ND			0.42	mg/Kg-dry	6/12/2018 12:50 PM
Zinc	52			0.84	mg/Kg-dry	6/12/2018 12:50 PM
SOLUBLE CATIONS FOR SAR						
Calcium	61		SW6020A	5.0	mg/L	Prep: USDA Method 20B 6/13/18 10:16 Analyst: JF 6/14/2018 06:36 PM
Magnesium	49			2.0	mg/L	6/14/2018 06:36 PM
Sodium	240			2.0	mg/L	6/14/2018 06:36 PM
SODIUM ADSORPTION RATIO						
Sodium Adsorption Ratio	5.5		USDA H60 MET	0.010	none	Prep: USDA Method 20B 6/13/18 10:16 Analyst: RH 6/14/2018
SEMI-VOLATILE ORGANIC COMPOUNDS						
Acenaphthene	ND		SW846 8270D	0.050	mg/Kg-dry	Prep: SW3546 6/11/18 11:50 Analyst: RM 6/11/2018 09:49 PM
Anthracene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Benzo(a)anthracene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Benzo(a)pyrene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Benzo(b)fluoranthene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Benzo(k)fluoranthene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Chrysene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Dibenzo(a,h)anthracene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM
Fluoranthene	ND			0.050	mg/Kg-dry	6/11/2018 09:49 PM

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

ALS Group, USA

Date: 15-Jun-18

Client: Terra Energy Partners, LLC
Project: DOE 3-W-29
Sample ID: DOE 3-W-29
Collection Date: 6/8/2018 11:45 AM

Work Order: 1806573
Lab ID: 1806573-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Fluorene	ND		0.050	mg/Kg-dry	1	6/11/2018 09:49 PM
Indeno(1,2,3-cd)pyrene	ND		0.050	mg/Kg-dry	1	6/11/2018 09:49 PM
Naphthalene	ND		0.050	mg/Kg-dry	1	6/11/2018 09:49 PM
Pyrene	ND		0.050	mg/Kg-dry	1	6/11/2018 09:49 PM
Surr: 2-Fluorobiphenyl	40.8		20-140	%REC	1	6/11/2018 09:49 PM
Surr: 4-Terphenyl-d14	44.0		22-172	%REC	1	6/11/2018 09:49 PM
Surr: Nitrobenzene-d5	47.9		28-140	%REC	1	6/11/2018 09:49 PM
VOLATILE ORGANIC COMPOUNDS			SW8260C	Prep: SW5035	6/10/18 17:04	Analyst: BG
Benzene	ND		0.044	mg/Kg	1	6/11/2018 02:46 PM
Ethylbenzene	0.11		0.044	mg/Kg	1	6/11/2018 02:46 PM
m,p-Xylene	1.8		0.088	mg/Kg	1	6/11/2018 02:46 PM
o-Xylene	0.29		0.044	mg/Kg	1	6/11/2018 02:46 PM
Toluene	0.23		0.044	mg/Kg	1	6/11/2018 02:46 PM
Xylenes, Total	2.1		0.13	mg/Kg	1	6/11/2018 02:46 PM
Surr: 1,2-Dichloroethane-d4	99.2		70-130	%REC	1	6/11/2018 02:46 PM
Surr: 4-Bromofluorobenzene	106		70-130	%REC	1	6/11/2018 02:46 PM
Surr: Dibromofluoromethane	92.8		70-130	%REC	1	6/11/2018 02:46 PM
Surr: Toluene-d8	98.0		70-130	%REC	1	6/11/2018 02:46 PM
ELECTRICAL CONDUCTIVITY (SAR)			USDA H60 MET	Prep: USDA Method 20B	6/13/18 10:16	Analyst: ED
Electrical Conductivity @ Saturation	2.0		0.10	mmhos/cm @2	20	6/13/2018 11:12 AM
CHROMIUM, TRIVALENT			CALCULATION			Analyst: JB
Chromium, Trivalent	14		1.2	mg/Kg-dry	1	6/14/2018 09:30 AM
CHROMIUM, HEXAVALENT			SW7196A	Prep: SW3060A	6/11/18 20:00	Analyst: MB
Chromium, Hexavalent	ND		1.2	mg/Kg-dry	1	6/13/2018 02:15 PM
MOISTURE			SW3550C			Analyst: SBR
Moisture	19		0.050	% of sample	1	6/11/2018 11:37 AM
PH			SW9045D	Prep: EXTRACT	6/11/18 10:37	Analyst: RZM
pH	8.02		0.100	s.u.	1	6/12/2018 01:45 PM

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119551** Instrument ID **GC8** Method: **SW8015C**

MBLK		Sample ID: DBLKS1-119551-119551				Units: mg/Kg		Analysis Date: 6/11/2018 12:36 PM		
Client ID:		Run ID: GC8_180611A				SeqNo: 5083551		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) ND 5.0
Surr: 4-Terphenyl-d14 2.383 0 3.33 0 71.6 34-130 0

LCS		Sample ID: DLCSS1-119551-119551				Units: mg/Kg		Analysis Date: 6/11/2018 01:05 PM		
Client ID:		Run ID: GC8_180611A				SeqNo: 5083552		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) 376 5.0 333 0 113 65-122 0
Surr: 4-Terphenyl-d14 2.5 0 3.33 0 75.1 34-130 0

MS		Sample ID: 1806407-07A MS				Units: mg/Kg		Analysis Date: 6/11/2018 02:03 PM		
Client ID:		Run ID: GC8_180611A				SeqNo: 5083554		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) 374.8 5.0 331.9 155.4 66.1 65-122 0
Surr: 4-Terphenyl-d14 2.891 0 3.319 0 87.1 34-130 0

MSD		Sample ID: 1806407-07A MSD				Units: mg/Kg		Analysis Date: 6/11/2018 02:33 PM		
Client ID:		Run ID: GC8_180611A				SeqNo: 5083555		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28) 378.1 5.0 329.7 155.4 67.6 65-122 374.8 0.899 30
Surr: 4-Terphenyl-d14 2.261 0 3.297 0 68.6 34-130 2.891 24.5 30

The following samples were analyzed in this batch: 1806573-01A

Client: Terra Energy Partners, LLC
 Work Order: 1806573
 Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: 119529 Instrument ID GC9 Method: SW8015D

MBLK		Sample ID: MBLK-119529-119529				Units: µg/Kg-dry		Analysis Date: 6/12/2018 01:28 AM		
Client ID:		Run ID: GC9_180611A				SeqNo: 5084748		Prep Date: 6/10/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	ND	5,000								
Surr: Toluene-d8	5756	0	5000	0	115	71-123	0			

LCS		Sample ID: LCS-119529-119529				Units: µg/Kg-dry		Analysis Date: 6/12/2018 12:00 PM		
Client ID:		Run ID: GC9_180611A				SeqNo: 5084766		Prep Date: 6/10/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	517800	5,000	500000	0	104	71-123	0			
Surr: Toluene-d8	5524	0	5000	0	110	71-123	0			

MS		Sample ID: 1806398-01A MS				Units: µg/Kg-dry		Analysis Date: 6/12/2018 10:25 AM		
Client ID:		Run ID: GC9_180611A				SeqNo: 5084764		Prep Date: 6/10/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	567900	6,600	662800	0	85.7	71-123	0			
Surr: Toluene-d8	7097	0	6628	0	107	71-123	0			

MSD		Sample ID: 1806398-01A MSD				Units: µg/Kg-dry		Analysis Date: 6/12/2018 10:54 AM		
Client ID:		Run ID: GC9_180611A				SeqNo: 5084765		Prep Date: 6/10/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	536600	6,600	662800	0	81	71-123	567900	5.68	30	
Surr: Toluene-d8	7042	0	6628	0	106	71-123	7097	0.778	30	

The following samples were analyzed in this batch:

1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119637** Instrument ID **HG1** Method: **SW7471B**

MBLK		Sample ID: MBLK-119637-119637				Units: mg/Kg		Analysis Date: 6/12/2018 02:16 PM		
Client ID:		Run ID: HG1_180612A				SeqNo: 5084829		Prep Date: 6/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.009583	0.020								J

LCS		Sample ID: LCS-119637-119637				Units: mg/Kg		Analysis Date: 6/12/2018 02:18 PM		
Client ID:		Run ID: HG1_180612A				SeqNo: 5084830		Prep Date: 6/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1992	0.020	0.1665		0	120	80-120	0		

MS		Sample ID: 1806136-03BMS				Units: mg/Kg		Analysis Date: 6/12/2018 02:37 PM		
Client ID:		Run ID: HG1_180612A				SeqNo: 5085053		Prep Date: 6/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1827	0.017	0.1437	0.05225	90.8	75-125		0		

MSD		Sample ID: 1806136-03BMSD				Units: mg/Kg		Analysis Date: 6/12/2018 02:47 PM		
Client ID:		Run ID: HG1_180612A				SeqNo: 5085057		Prep Date: 6/12/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.1816	0.017	0.1439	0.05225	89.8	75-125	0.1827	0.647	35	

The following samples were analyzed in this batch:

1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119566** Instrument ID **ICP2** Method: **SW846 6010C**

MBLK		Sample ID: MBLK-119566-119566				Units: mg/Kg		Analysis Date: 6/11/2018 01:11 PM		
Client ID:		Run ID: ICP2_180611A				SeqNo: 5083037		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Barium	ND	0.25								
Cadmium	ND	0.50								
Chromium	0.02775	0.25								J
Copper	ND	0.50								
Lead	ND	0.25								
Nickel	ND	0.25								
Selenium	ND	0.50								
Silver	ND	0.25								
Zinc	0.0745	0.50								J

LCS		Sample ID: LCS-119566-119566				Units: mg/Kg		Analysis Date: 6/11/2018 01:17 PM		
Client ID:		Run ID: ICP2_180611A				SeqNo: 5083039		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.805	0.25	5	0	96.1	80-120	0			
Barium	5.32	0.25	5	0	106	80-120	0			
Cadmium	5.133	0.50	5	0	103	80-120	0			
Chromium	5.328	0.25	5	0	107	80-120	0			
Copper	5.458	0.50	5	0	109	80-120	0			
Lead	5.167	0.25	5	0	103	80-120	0			
Nickel	5.236	0.25	5	0	105	80-120	0			
Selenium	4.895	0.50	5	0	97.9	80-120	0			
Silver	5.17	0.25	5	0	103	80-120	0			
Zinc	5.118	0.50	5	0	102	80-120	0			

MS		Sample ID: 1806105-01AMS				Units: mg/Kg		Analysis Date: 6/12/2018 11:33 PM		
Client ID:		Run ID: ICP2_180612A				SeqNo: 5085814		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	19.34	0.40	8.026	4.428	186	75-125	0			S
Barium	19.99	0.40	8.026	8.755	140	75-125	0			S
Cadmium	8.085	0.80	8.026	0.1031	99.5	75-125	0			
Chromium	14.61	0.40	8.026	3.575	137	75-125	0			S
Copper	16.49	0.80	8.026	7.662	110	75-125	0			
Lead	17.94	0.40	8.026	4.605	166	75-125	0			S
Nickel	14.72	0.40	8.026	6.119	107	75-125	0			
Selenium	7.952	0.80	8.026	0.1868	96.8	75-125	0			
Silver	8.202	0.40	8.026	-0.08003	103	75-125	0			
Zinc	44.62	0.80	8.026	27.31	216	75-125	0			S

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119566** Instrument ID **ICP2** Method: **SW846 6010C**

MSD		Sample ID: 1806105-01AMSD				Units: mg/Kg		Analysis Date: 6/12/2018 11:39 PM		
Client ID:		Run ID: ICP2_180612A				SeqNo: 5085815		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.16	0.40	8.026	4.428	83.9	75-125	19.34	53.7	20	R
Barium	21.08	0.40	8.026	8.755	154	75-125	19.99	5.31	20	S
Cadmium	8.046	0.80	8.026	0.1031	99	75-125	8.085	0.491	20	
Chromium	14.35	0.40	8.026	3.575	134	75-125	14.61	1.76	20	S
Copper	16.36	0.80	8.026	7.662	108	75-125	16.49	0.804	20	
Lead	12.49	0.40	8.026	4.605	98.3	75-125	17.94	35.8	20	R
Nickel	14.41	0.40	8.026	6.119	103	75-125	14.72	2.11	20	
Selenium	7.985	0.80	8.026	0.1868	97.2	75-125	7.952	0.418	20	
Silver	8.269	0.40	8.026	-0.08003	104	75-125	8.202	0.812	20	
Zinc	36.22	0.80	8.026	27.31	111	75-125	44.62	20.8	20	R

The following samples were analyzed in this batch: 1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119714** Instrument ID **ICPMS3** Method: **SW6020A**

DUP				Sample ID: 1806573-01ADUP				Units: mg/L			Analysis Date: 6/14/2018 06:37 PM			
Client ID: DOE 3-W-29				Run ID: ICPMS3_180614A				SeqNo: 5091142			Prep Date: 6/13/2018		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				
Calcium	65.38	5.0	0	0	0	0-0	60.91	7.07						
Magnesium	53.76	2.0	0	0	0	0-0	48.99	9.27						
Sodium	264.6	2.0	0	0	0	0-0	238.7	10.3						

The following samples were analyzed in this batch:

1806573-01A

Batch ID: **119714** Instrument ID **SAR** Method: **USDA H60 Metho**

DUP				Sample ID: 1806573-01ADUP				Units: none		Analysis Date: 6/14/2018	
Client ID: DOE 3-W-29			Run ID: SAR_180614A		SeqNo: 5093031		Prep Date: 6/13/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Sodium Adsorption Ratio	5.871	0.010	0	0	0		5.521	6.15	50		

The following samples were analyzed in this batch:

1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119550** Instrument ID **SVMS6** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-119550-119550				Units: µg/Kg		Analysis Date: 6/11/2018 06:58 PM		
Client ID:		Run ID: SVMS6_180611A				SeqNo: 5084541		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	42								
Anthracene	ND	42								
Benzo(a)anthracene	ND	42								
Benzo(a)pyrene	ND	42								
Benzo(b)fluoranthene	ND	42								
Benzo(k)fluoranthene	ND	42								
Chrysene	ND	42								
Dibenzo(a,h)anthracene	ND	42								
Fluoranthene	ND	42								
Fluorene	ND	42								
Indeno(1,2,3-cd)pyrene	ND	42								
Naphthalene	ND	42								
Pyrene	ND	42								
Surr: 2-Fluorobiphenyl	2342	0	3333	0	70.3	20-140	0			
Surr: 4-Terphenyl-d14	2856	0	3333	0	85.7	22-172	0			
Surr: Nitrobenzene-d5	2933	0	3333	0	88	28-140	0			

LCS		Sample ID: SLCSS1-119550-119550				Units: µg/Kg		Analysis Date: 6/11/2018 07:13 PM		
Client ID:		Run ID: SVMS6_180611A				SeqNo: 5084542		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	825.2	42	1333	0	61.9	40-140	0			
Anthracene	908.8	42	1333	0	68.2	40-140	0			
Benzo(a)anthracene	785.8	42	1333	0	59	40-140	0			
Benzo(a)pyrene	856.2	42	1333	0	64.2	40-140	0			
Benzo(b)fluoranthene	711.2	42	1333	0	53.4	40-140	0			
Benzo(k)fluoranthene	869.8	42	1333	0	65.3	40-140	0			
Chrysene	900.5	42	1333	0	67.6	40-140	0			
Dibenzo(a,h)anthracene	1024	42	1333	0	76.8	40-140	0			
Fluoranthene	816.5	42	1333	0	61.3	40-140	0			
Fluorene	828.3	42	1333	0	62.1	40-140	0			
Indeno(1,2,3-cd)pyrene	1182	42	1333	0	88.7	40-140	0			
Naphthalene	888.1	42	1333	0	66.6	40-140	0			
Pyrene	794.8	42	1333	0	59.6	40-140	0			
Surr: 2-Fluorobiphenyl	1658	0	3333	0	49.8	20-140	0			
Surr: 4-Terphenyl-d14	2035	0	3333	0	61	22-172	0			
Surr: Nitrobenzene-d5	2336	0	3333	0	70.1	28-140	0			

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

Client: Terra Energy Partners, LLC
 Work Order: 1806573
 Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: 119550 Instrument ID SVMS6 Method: SW846 8270D

MS				Sample ID: 1806485-01A MS			Units: µg/Kg		Analysis Date: 6/11/2018 07:27 PM	
Client ID:				Run ID: SVMS6_180611A			SeqNo: 5084543		Prep Date: 6/11/2018	
							DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1140	41	1325	0	86	40-140	0			
Anthracene	1221	41	1325	0	92.1	40-140	0			
Benzo(a)anthracene	1019	41	1325	0	76.9	40-140	0			
Benzo(a)pyrene	957.6	41	1325	0	72.3	40-140	0			
Benzo(b)fluoranthene	830	41	1325	0	62.6	40-140	0			
Benzo(k)fluoranthene	1070	41	1325	0	80.7	40-140	0			
Chrysene	1068	41	1325	0	80.6	40-140	0			
Dibenzo(a,h)anthracene	1023	41	1325	0	77.2	40-140	0			
Fluoranthene	1158	41	1325	0	87.4	40-140	0			
Fluorene	1156	41	1325	0	87.2	40-140	0			
Indeno(1,2,3-cd)pyrene	1076	41	1325	0	81.2	40-140	0			
Naphthalene	1218	41	1325	0	91.9	40-140	0			
Pyrene	1054	41	1325	0	79.5	40-140	0			
Surr: 2-Fluorobiphenyl	2536	0	3314	0	76.5	20-140	0			
Surr: 4-Terphenyl-d14	3035	0	3314	0	91.6	22-172	0			
Surr: Nitrobenzene-d5	3080	0	3314	0	92.9	28-140	0			

MSD				Sample ID: 1806485-01A MSD			Units: µg/Kg		Analysis Date: 6/11/2018 07:41 PM	
Client ID:				Run ID: SVMS6_180611A			SeqNo: 5084544		Prep Date: 6/11/2018	
							DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1013	40	1286	0	78.8	40-140	1140	11.7	30	
Anthracene	1101	40	1286	0	85.6	40-140	1221	10.4	30	
Benzo(a)anthracene	891.7	40	1286	0	69.3	40-140	1019	13.4	30	
Benzo(a)pyrene	858.2	40	1286	0	66.7	40-140	957.6	11	30	
Benzo(b)fluoranthene	748	40	1286	0	58.1	40-140	830	10.4	30	
Benzo(k)fluoranthene	960.4	40	1286	0	74.7	40-140	1070	10.8	30	
Chrysene	956.4	40	1286	0	74.3	40-140	1068	11	30	
Dibenzo(a,h)anthracene	993.4	40	1286	0	77.2	40-140	1023	2.95	30	
Fluoranthene	1031	40	1286	0	80.1	40-140	1158	11.6	30	
Fluorene	1047	40	1286	0	81.4	40-140	1156	9.89	30	
Indeno(1,2,3-cd)pyrene	1042	40	1286	0	81	40-140	1076	3.24	30	
Naphthalene	1080	40	1286	0	83.9	40-140	1218	12	30	
Pyrene	922.9	40	1286	0	71.7	40-140	1054	13.2	30	
Surr: 2-Fluorobiphenyl	2226	0	3216	0	69.2	20-140	2536	13	0	
Surr: 4-Terphenyl-d14	2625	0	3216	0	81.6	22-172	3035	14.5	0	
Surr: Nitrobenzene-d5	2885	0	3216	0	89.7	28-140	3080	6.56	0	

The following samples were analyzed in this batch: 1806573-01A

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

Client: Terra Energy Partners, LLC
 Work Order: 1806573
 Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: 119528 Instrument ID VMS7 Method: SW8260C

MBLK				Sample ID: MBLK-119528-119528			Units: µg/Kg-dry		Analysis Date: 6/11/2018 07:52 PM		
Client ID:			Run ID: VMS7_180611A			SeqNo: 5083984		Prep Date: 6/10/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	ND	30	0	0	0	0-0	0				
Ethylbenzene	ND	30	0	0	0	0-0	0				
m,p-Xylene	ND	60	0	0	0	0-0	0				
o-Xylene	ND	30	0	0	0	0-0	0				
Toluene	ND	30	0	0	0	0-0	0				
Xylenes, Total	ND	90	0	0	0	0-0	0				
Surr: 1,2-Dichloroethane-d4	1075	0	1000	0	108	70-130	0				
Surr: 4-Bromofluorobenzene	1032	0	1000	0	103	70-130	0				
Surr: Dibromofluoromethane	1014	0	1000	0	101	70-130	0				
Surr: Toluene-d8	1000	0	1000	0	100	70-130	0				

LCS				Sample ID: LCS-119528-119528			Units: µg/Kg-dry		Analysis Date: 6/11/2018 06:52 PM		
Client ID:			Run ID: VMS7_180611A			SeqNo: 5084143		Prep Date: 6/10/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1090	30	1000	0	109	75-125	0				
Ethylbenzene	1122	30	1000	0	112	75-125	0				
m,p-Xylene	2072	60	2000	0	104	80-125	0				
o-Xylene	1064	30	1000	0	106	75-125	0				
Toluene	1075	30	1000	0	108	70-125	0				
Xylenes, Total	3136	90	3000	0	105	75-125	0				
Surr: 1,2-Dichloroethane-d4	1070	0	1000	0	107	70-130	0				
Surr: 4-Bromofluorobenzene	932	0	1000	0	93.2	70-130	0				
Surr: Dibromofluoromethane	1044	0	1000	0	104	70-130	0				
Surr: Toluene-d8	1006	0	1000	0	101	70-130	0				

MS				Sample ID: 1806398-01A MS		Units: µg/Kg-dry		Analysis Date: 6/12/2018 12:37 PM		
Client ID:			Run ID: VMS7_180611A		SeqNo: 5084040		Prep Date: 6/10/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzene	1402	40	1326	0	106	75-125	0			
Ethylbenzene	1344	40	1326	0	101	75-125	0			
m,p-Xylene	2975	80	2651	0	112	80-125	0			
o-Xylene	1369	40	1326	0	103	75-125	0			
Toluene	1507	40	1326	0	114	70-125	0			
Xylenes, Total	4345	120	3977	0	109	75-125	0			
Surr: 1,2-Dichloroethane-d4	1341	0	1326	0	101	70-130	0			
Surr: 4-Bromofluorobenzene	1329	0	1326	0	100	70-130	0			
Surr: Dibromofluoromethane	1326	0	1326	0	100	70-130	0			
Surr: Toluene-d8	1501	0	1326	0	113	70-130	0			

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119528** Instrument ID **VMS7** Method: **SW8260C**

MSD				Sample ID: 1806398-01A MSD			Units: µg/Kg-dry		Analysis Date: 6/12/2018 12:52 PM		
Client ID:		Run ID: VMS7_180611A			SeqNo: 5084041		Prep Date: 6/10/2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1510	40	1326	0	114	75-125	1402	7.46	30		
Ethylbenzene	1422	40	1326	0	107	75-125	1344	5.65	30		
m,p-Xylene	2986	80	2651	0	113	80-125	2975	0.356	30		
o-Xylene	1404	40	1326	0	106	75-125	1369	2.49	30		
Toluene	1429	40	1326	0	108	70-125	1507	5.33	30		
Xylenes, Total	4390	120	3977	0	110	75-125	4345	1.03	30		
Surr: 1,2-Dichloroethane-d4	1405	0	1326	0	106	70-130	1341	4.63	30		
Surr: 4-Bromofluorobenzene	1546	0	1326	0	117	70-130	1329	15.1	30		
Surr: Dibromofluoromethane	1375	0	1326	0	104	70-130	1326	3.68	30		
Surr: Toluene-d8	1257	0	1326	0	94.8	70-130	1501	17.7	30		

The following samples were analyzed in this batch: 1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119553** Instrument ID **WETCHEM** Method: **SW9045D**

LCS				Sample ID: LCS-119553-119553				Units: s.u.			Analysis Date: 6/12/2018 01:45 PM			
Client ID:				Run ID: WETCHEM_180612H				SeqNo: 5084969			Prep Date: 6/11/2018		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	3.97	0.10	4	0	99.2	90-110	0			
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DUP		Sample ID: 1806437-11B DUP				Units: s.u.		Analysis Date: 6/12/2018 01:45 PM		
Client ID:		Run ID: WETCHEM_180612H				SeqNo: 5084980		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	8.47	0.10	0	0	0	0-0	8.54	0.823	20	
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DUP				Sample ID: 1806573-01A DUP				Units: s.u.			Analysis Date: 6/12/2018 01:45 PM			
Client ID: DOE 3-W-29				Run ID: WETCHEM_180612H				SeqNo: 5084991			Prep Date: 6/11/2018		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH	8.16	0.10	0	0	0	0-0	8.02	1.73	20	
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The following samples were analyzed in this batch:

1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **119714** Instrument ID **Titration 1** Method: **USDA H60 Metho**

DUP		Sample ID: 1806573-01ADUP				Units: mmhos/cm @25°		Analysis Date: 6/13/2018 11:12 AM		
Client ID: DOE 3-W-29		Run ID: TITRATOR 1_180613A		SeqNo: 5086597		Prep Date: 6/13/2018		DF: 20		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Electrical Conductivity @ Saturation	2.181	0.10	0	0	0		1.966	10.4	50	

The following samples were analyzed in this batch:

1806573-01A

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

Client: Terra Energy Partners, LLC
 Work Order: 1806573
 Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: 119743 Instrument ID WETCHEM Method: SW7196A

MBLK		Sample ID: MBLK-119743-119743				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID:		Run ID: WETCHEM_180613N				SeqNo: 5087673		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent ND 1.0

LCS		Sample ID: LCS-119743-119743				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID:		Run ID: WETCHEM_180613N				SeqNo: 5087672		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.74 1.0 5 0 94.8 80-120 0

MS		Sample ID: 1806397-01A MS				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID:		Run ID: WETCHEM_180613N				SeqNo: 5087654		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.647 0.98 4.902 0.2075 90.6 75-125 0

MS		Sample ID: 1806397-01A MSI				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID:		Run ID: WETCHEM_180613N				SeqNo: 5087656		Prep Date: 6/11/2018		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2198 98 2398 0.2075 91.7 75-125 0

MS		Sample ID: 1806573-01A MS				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID: DOE 3-W-29		Run ID: WETCHEM_180613N				SeqNo: 5087668		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 3.51 0.98 4.902 -0.0381 72.4 75-125 0 S

MS		Sample ID: 1806573-01A MSI				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID: DOE 3-W-29		Run ID: WETCHEM_180613N				SeqNo: 5087670		Prep Date: 6/11/2018		DF: 100
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 1558 95 1854 -0.0381 84 75-125 0

MSD		Sample ID: 1806397-01A MSD				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM		
Client ID:		Run ID: WETCHEM_180613N				SeqNo: 5087655		Prep Date: 6/11/2018		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.223 0.97 4.854 0.2075 82.7 75-125 4.647 9.55 20

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: 119743 Instrument ID WETCHEM Method: SW7196A

MSD		Sample ID: 1806573-01A MSD				Units: mg/Kg		Analysis Date: 6/13/2018 02:15 PM			
Client ID: DOE 3-W-29			Run ID: WETCHEM_180613N			SeqNo: 5087669		Prep Date: 6/11/2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Chromium, Hexavalent	3.58	1.0	5	-0.0381	72.4	75-125	3.51	1.98	20	S	

The following samples were analyzed in this batch:

1806573-01A

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

Client: Terra Energy Partners, LLC
Work Order: 1806573
Project: DOE 3-W-29

QC BATCH REPORT

Batch ID: **R237804** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R237804					Units: % of sample		Analysis Date: 6/11/2018 11:37 AM		
Client ID:			Run ID: MOIST_180611A			SeqNo: 5083888		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture ND 0.050

LCS		Sample ID: LCS-R237804					Units: % of sample		Analysis Date: 6/11/2018 11:37 AM		
Client ID:			Run ID: MOIST_180611A			SeqNo: 5083887		Prep Date:		DF: 1	
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: 1806367-01A DUP				Units: % of sample			Analysis Date: 6/11/2018 11:37 AM			
Client ID:				Run ID: MOIST_180611A				SeqNo: 5083866			Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				

Moisture 5.91 0.050 0 0 0 0-0 5.08 15.1 10 R

DUP				Sample ID: 1806367-11A DUP				Units: % of sample		Analysis Date: 6/11/2018 11:37 AM			
Client ID:				Run ID: MOIST_180611A				SeqNo: 5083877		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			

Moisture 44.85 0.050 0 0 0 0-0 42.88 4.49 10

The following samples were analyzed in this batch:

1806573-01A

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



ALS Laboratory Group

HOLLAND, Michigan 49424

Chain-of-Custody

Form 202r8


WORKORDER #

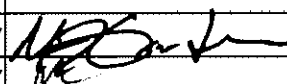

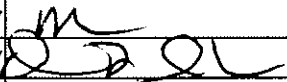

1806573

PROJECT NAME		DOE 3-W-29		SAMPLER		Mike Gardner		DATE		6/8/2018		PAGE		1 of 1	
PROJECT NO.				SITE ID		DOE 3-W-29		TURNAROUND		RUSH - ASAP		DISPOSAL		By Lab or Return to Client	
COMPANY NAME		TEP Rocky Mountain LLC		BILL TO COMPANY		TEP Rocky Mountain LLC		COGCC 910-1 List							
SEND REPORT TO		Mike Gardner		INVOICE ATTN TO		Mike Gardner, Tammy Gose									
ADDRESS				ADDRESS		1058 Co Rd 215									
CITY / STATE / ZIP				CITY / STATE / ZIP		Parachure CO 81635									
PHONE				PHONE		970-263-2760									
FAX				FAX											
E-MAIL		mgardner@terraep.com		E-MAIL		mgardner@terraep.com; gose@terraep.com									
Lab ID	Field ID	Matrix	Sample Date	Sample Time	# Bottles	Pres.	QC								
1	DOE 3-W-29	soil	6/8/2018	11:45 a.m.	2			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:	 Charge to DOE 3-W-29 pad LOE SR2 28-c	QC PACKAGE (check below)	
		X	LEVEL II (Standard QC)
			LEVEL III (Std QC + forms)
			LEVEL IV (Std QC + forms + raw data)
Preservative Key: 1-HCl 2-HNO3 3-H2SO4 4-NaOH 5-NaHSO4 7-Other 8-4 degrees C 9-5035			

SIGNATURE	PRINTED NAME	DATE	TIME
RELINQUISHED BY 	Mike Gardner	6/8/2018	1200
RECEIVED BY 		6-8-18	1200
RELINQUISHED BY 	Diane F. Sher	6-8-18	1830
RECEIVED BY 		6/9/18	1015
RELINQUISHED BY			
RECEIVED BY			

Sample Receipt Checklist

Client Name: **TERRAENERGY**

Date/Time Received: **09-Jun-18 10:15**

Work Order: **1806573**

Received by: **DS**

Checklist completed by Diane Shaw
eSignature

09-Jun-18
Date

Reviewed by: Chad Whelton
eSignature

11-Jun-18
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>2.8/2.8 c</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u></u>		
Date/Time sample(s) sent to storage:	<u>6/9/2018 11:03:15 AM</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: