



31-Dec-2019

Natalie Steiner
XTO Energy
21459 CR5
Rifle, CO 81650

Re: **United Fill - Gravel**

Work Order: **19121640**

Dear Natalie,

ALS Environmental received 1 sample on 20-Dec-2019 10:30 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 22.

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 026-999-449

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

Environmental 

www.alsglobal.com

RIGHT SOLUTIONS RIGHT PARTNER

Client: XTO Energy
Project: United Fill - Gravel
Work Order: 19121640

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>
19121640-01	Fill - United Gravel	Soil		12/17/2019 10:00	12/20/2019 10:30	<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
Hr	BOD/CBOD - Sample was reset outside Hold Time, value should be considered estimated.
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
°C	Degrees Celcius
µg/Kg-dry	Micrograms per Kilogram Dry Weight
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: 31-Dec-19

Client: XTO Energy
Project: United Fill - Gravel
Sample ID: Fill - United Gravel
Collection Date: 12/17/2019 10:00 AM

Work Order: 19121640
Lab ID: 19121640-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
DIESEL RANGE ORGANICS BY GC-FID							
			Method: SW8015M		Prep: SW3550 / 12/29/19		Analyst: BCM
DRO (C10-C28)	U		3.1	5.4	mg/Kg-dry	1	12/30/2019 13:59
Surr: 4-Terphenyl-d14	96.4			33-111	%REC	1	12/30/2019 13:59
GASOLINE RANGE ORGANICS BY GC-FID							
			Method: SW8015D		Prep: SW5035 / 12/24/19		Analyst: BCM
GRO (C6-C10)	U		2.7	6.5	mg/Kg	1	12/31/2019 01:29
Surr: Toluene-d8	104			71-123	%REC	1	12/31/2019 01:29
MERCURY BY CVAA							
			Method: SW7471B		Prep: SW7471 / 12/27/19		Analyst: RSB
Mercury	0.0082	J	0.0020	0.020	mg/Kg-dry	1	12/27/2019 12:45
METALS BY ICP-MS							
			Method: SW6020A		Prep: SW3050B / 12/23/19		Analyst: STP
Arsenic	2.1		0.053	0.44	mg/Kg-dry	1	12/23/2019 20:43
Barium	85		0.41	0.44	mg/Kg-dry	1	12/23/2019 20:43
Boron	U		1.7	1.8	mg/Kg-dry	1	12/23/2019 20:43
Cadmium	U		0.027	0.18	mg/Kg-dry	1	12/23/2019 20:43
Chromium	11		0.20	0.44	mg/Kg-dry	1	12/23/2019 20:43
Copper	9.3		0.44	0.44	mg/Kg-dry	1	12/23/2019 20:43
Lead	2.4		0.21	0.44	mg/Kg-dry	1	12/23/2019 20:43
Nickel	32		2.3	4.4	mg/Kg-dry	10	12/24/2019 15:29
Selenium	U		0.41	0.44	mg/Kg-dry	1	12/23/2019 20:43
Silver	U		0.059	0.44	mg/Kg-dry	1	12/23/2019 20:43
Zinc	25		8.7	8.9	mg/Kg-dry	10	12/24/2019 15:29
SOLUBLE CATIONS FOR SAR							
			Method: SW6020A		Prep: USDA Method 20B / 12/26/19		Analyst: STP
Calcium	54		2.5	5.0	mg/L	10	12/26/2019 17:13
Magnesium	15		0.50	2.0	mg/L	10	12/26/2019 17:13
Sodium	40		0.45	2.0	mg/L	10	12/26/2019 17:13
SODIUM ADSORPTION RATIO							
			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 12/26/19		Analyst: STP
Sodium Adsorption Ratio	1.3		0.010	0.010	none	1	12/26/2019
POLYNUCLEAR AROMATIC HYDROCARBONS (PAHS)							
			Method: SW846 8270D		Prep: SW3546 / 12/23/19		Analyst: EEW
Acenaphthene	U		4.2	22	µg/Kg-dry	1	12/24/2019 22:40
Anthracene	U		7.4	22	µg/Kg-dry	1	12/24/2019 22:40
Benzo(a)anthracene	U		9.0	22	µg/Kg-dry	1	12/24/2019 22:40
Benzo(a)pyrene	U		6.0	22	µg/Kg-dry	1	12/24/2019 22:40
Benzo(b)fluoranthene	U		5.2	22	µg/Kg-dry	1	12/24/2019 22:40
Benzo(k)fluoranthene	U		6.4	22	µg/Kg-dry	1	12/24/2019 22:40
Chrysene	U		4.5	22	µg/Kg-dry	1	12/24/2019 22:40
Dibenzo(a,h)anthracene	U		5.1	22	µg/Kg-dry	1	12/24/2019 22:40

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

ALS Group, USA

Date: 31-Dec-19

Client: XTO Energy
Project: United Fill - Gravel
Sample ID: Fill - United Gravel
Collection Date: 12/17/2019 10:00 AM

Work Order: 19121640
Lab ID: 19121640-01
Matrix: SOIL

Analyses	Result	Qual	MDL	Report Limit	Units	Dilution Factor	Date Analyzed
Fluoranthene	U		4.0	22	µg/Kg-dry	1	12/24/2019 22:40
Fluorene	U		7.2	22	µg/Kg-dry	1	12/24/2019 22:40
Indeno(1,2,3-cd)pyrene	U		7.9	22	µg/Kg-dry	1	12/24/2019 22:40
Naphthalene	U		9.5	22	µg/Kg-dry	1	12/24/2019 22:40
Pyrene	U		3.6	22	µg/Kg-dry	1	12/24/2019 22:40
Surr: 2-Fluorobiphenyl	90.8			20-140	%REC	1	12/24/2019 22:40
Surr: 4-Terphenyl-d14	65.0			22-172	%REC	1	12/24/2019 22:40
Surr: Nitrobenzene-d5	90.8			28-140	%REC	1	12/24/2019 22:40
VOLATILE ORGANIC COMPOUNDS			Method: SW8260C		Prep: SW5035 / 12/24/19		Analyst: MF
Benzene	U		0.0066	0.039	mg/Kg	1	12/30/2019 16:38
Ethylbenzene	U		0.0082	0.039	mg/Kg	1	12/30/2019 16:38
m,p-Xylene	U		0.052	0.077	mg/Kg	1	12/30/2019 16:38
o-Xylene	U		0.015	0.039	mg/Kg	1	12/30/2019 16:38
Toluene	U		0.011	0.039	mg/Kg	1	12/30/2019 16:38
Xylenes, Total	U		0.052	0.12	mg/Kg	1	12/30/2019 16:38
Surr: 1,2-Dichloroethane-d4	95.7			70-130	%REC	1	12/30/2019 16:38
Surr: 4-Bromofluorobenzene	98.9			70-130	%REC	1	12/30/2019 16:38
Surr: Dibromofluoromethane	97.4			70-130	%REC	1	12/30/2019 16:38
Surr: Toluene-d8	77.5			70-130	%REC	1	12/30/2019 16:38
ELECTRICAL CONDUCTIVITY (SAR)			Method: USDA H60 METHOD 2		Prep: USDA Method 20B / 12/26/19		Analyst: DVD
Electrical Conductivity @ Saturation	0.61		0.011	0.10	mmhos/cm @25°	20	12/27/2019 15:50
CHROMIUM, TRIVALENT			Method: CALCULATION				Analyst: JZB
Chromium, Trivalent	11		0.34	1.1	mg/Kg-dry	1	12/27/2019 12:07
CHROMIUM, HEXAVALENT			Method: SW7196A		Prep: SW3060A / 12/24/19		Analyst: CAC
Chromium, Hexavalent	U		0.92	1.1	mg/Kg-dry	1	12/24/2019 15:58
MOISTURE			Method: SW3550C				Analyst: DNW
Moisture	10		0.10	0.10	% of sample	1	12/26/2019 14:00
PH			Method: SW9045D		Prep: EXTRACT / 12/23/19		Analyst: DNW
pH	8.94		0.10	0.100	s.u.	1	12/23/2019 09:45
Temperature	20.1		0.10	0.100	°C	1	12/23/2019 09:45

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

Client: XTO Energy
Work Order: 19121640
Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147723** Instrument ID **GC8** Method: **SW8015M**

MBLK		Sample ID: DBLKS1-147723-147723				Units: mg/Kg		Analysis Date: 12/30/2019 12:02 P		
Client ID:		Run ID: GC8_191230A				SeqNo: 6161118		Prep Date: 12/29/2019		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								
<i>Surr: 4-Terphenyl-d14</i>	3.187	0	3.33	0	95.7	33-111	0			

LCS		Sample ID: DLCSS1-147723-147723				Units: mg/Kg		Analysis Date: 12/30/2019 12:31 P		
Client ID:		Run ID: GC8_191230A				SeqNo: 6161119		Prep Date: 12/29/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	313.9	5.0	333	0	94.3	80-121	0			
<i>Surr: 4-Terphenyl-d14</i>	2.286	0	3.33	0	68.6	33-111	0			

MS		Sample ID: 19121640-01A MS				Units: mg/Kg		Analysis Date: 12/30/2019 01:01 P		
Client ID: Fill - United Gravel		Run ID: GC8_191230A				SeqNo: 6161120		Prep Date: 12/29/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	321.2	5.0	331.5	0	96.9	80-121	0			
<i>Surr: 4-Terphenyl-d14</i>	2.152	0	3.315	0	64.9	33-111	0			

MSD		Sample ID: 19121640-01A MSD				Units: mg/Kg		Analysis Date: 12/30/2019 01:30 P		
Client ID: Fill - United Gravel		Run ID: GC8_191230A				SeqNo: 6161121		Prep Date: 12/29/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

DRO (C10-C28)	304.4	4.9	326.6	0	93.2	80-121	321.2	5.35	30	
<i>Surr: 4-Terphenyl-d14</i>	2.152	0	3.266	0	65.9	33-111	2.152	0.0179	30	

The following samples were analyzed in this batch:

19121640-01A

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147636** Instrument ID **GC9** Method: **SW8015D**

MBLK		Sample ID: MBLK-147636-147636				Units: µg/Kg-dry		Analysis Date: 12/31/2019 12:29 P		
Client ID:		Run ID: GC9_191228A				SeqNo: 6168878		Prep Date: 12/24/2019		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	5694	0	5000	0	114	71-123	0			

LCS		Sample ID: LCS-147636-147636				Units: µg/Kg-dry		Analysis Date: 12/30/2019 11:29 P		
Client ID:		Run ID: GC9_191228A				SeqNo: 6168873		Prep Date: 12/24/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	612900	5,000	500000	0	123	71-123	0			
Surr: Toluene-d8	5778	0	5000	0	116	71-123	0			

MS		Sample ID: 19121646-01B MS				Units: µg/Kg-dry		Analysis Date: 12/31/2019 07:56 A		
Client ID:		Run ID: GC9_191228A				SeqNo: 6168875		Prep Date: 12/24/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	1518000	6,100	609400	544200	160	71-123	0			S
Surr: Toluene-d8	6525	0	6094	0	107	71-123	0			

MSD		Sample ID: 19121646-01b msd				Units: µg/Kg-dry		Analysis Date: 12/31/2019 08:26 A		
Client ID:		Run ID: GC9_191228A				SeqNo: 6168876		Prep Date: 12/24/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
GRO (C6-C10)	1547000	6,600	658800	544200	152	71-123	1518000	1.84	30	S
Surr: Toluene-d8	7700	0	6588	0	117	71-123	6525	16.5	30	

The following samples were analyzed in this batch:

19121640-01a

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

Client: XTO Energy
Work Order: 19121640
Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147738** Instrument ID **HG4** Method: **SW7471B**

MBLK		Sample ID: MBLK-147738-147738				Units: mg/Kg		Analysis Date: 12/27/2019 12:11 P		
Client ID:		Run ID: HG4_191227A				SeqNo: 6157706		Prep Date: 12/27/2019		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-147738-147738				Units: mg/Kg		Analysis Date: 12/27/2019 12:13 P		
Client ID:		Run ID: HG4_191227A				SeqNo: 6157707		Prep Date: 12/27/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1775 0.020 0.1665 0 107 80-120 0

MS		Sample ID: 19120904-02BMS				Units: mg/Kg		Analysis Date: 12/27/2019 12:17 P		
Client ID:		Run ID: HG4_191227A				SeqNo: 6157709		Prep Date: 12/27/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1325 0.015 0.126 0.006186 100 75-125 0

MSD		Sample ID: 19120904-02BMSD				Units: mg/Kg		Analysis Date: 12/27/2019 12:19 P		
Client ID:		Run ID: HG4_191227A				SeqNo: 6157710		Prep Date: 12/27/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Mercury 0.1368 0.015 0.1276 0.006186 102 75-125 0.1325 3.15 35

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147578** Instrument ID **ICPMS3** Method: **SW6020A**

MBLK		Sample ID: MBLK-147578-147578				Units: mg/Kg		Analysis Date: 12/23/2019 08:07 P		
Client ID:		Run ID: ICPMS3_191223B				SeqNo: 6151470		Prep Date: 12/23/2019		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								
Boron	U	1.0								
Cadmium	U	0.10								
Chromium	U	0.25								
Copper	U	0.25								
Lead	U	0.25								
Nickel	U	0.25								
Selenium	U	0.25								
Silver	U	0.25								
Zinc	U	0.50								

LCS		Sample ID: LCS-147578-147578				Units: mg/Kg		Analysis Date: 12/23/2019 08:08 P		
Client ID:		Run ID: ICPMS3_191223B				SeqNo: 6151471		Prep Date: 12/23/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.897	0.25	5	0	97.9	80-120	0			
Barium	4.788	0.25	5	0	95.8	80-120	0			
Boron	24.26	1.0	25	0	97.1	80-120	0			
Cadmium	4.732	0.10	5	0	94.6	80-120	0			
Chromium	5.043	0.25	5	0	101	80-120	0			
Copper	5.047	0.25	5	0	101	80-120	0			
Lead	4.92	0.25	5	0	98.4	80-120	0			
Nickel	4.994	0.25	5	0	99.9	80-120	0			
Selenium	4.444	0.25	5	0	88.9	80-120	0			
Silver	5.024	0.25	5	0	100	80-120	0			
Zinc	5.325	0.50	5	0	106	80-120	0			

MS		Sample ID: 19121665-06AMS				Units: mg/Kg		Analysis Date: 12/23/2019 09:01 P		
Client ID:		Run ID: ICPMS3_191223B				SeqNo: 6151501		Prep Date: 12/23/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	10.15	0.38	7.508	2.932	96.2	75-125	0			
Barium	56.92	0.38	7.508	42.95	186	75-125	0			SO
Boron	46.02	1.5	37.54	7.312	103	75-125	0			
Cadmium	6.735	0.15	7.508	-0.02971	90.1	75-125	0			
Lead	25.19	0.38	7.508	17.16	107	75-125	0			
Nickel	15.4	0.38	7.508	8.132	96.8	75-125	0			
Selenium	7.259	0.38	7.508	0.2143	93.8	75-125	0			
Silver	6.805	0.38	7.508	0.1285	88.9	75-125	0			

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147578** Instrument ID **ICPMS3** Method: **SW6020A**

MS				Sample ID: 19121665-06AMS			Units: mg/Kg		Analysis Date: 12/24/2019 03:52 P	
Client ID:		Run ID: ICPMS3_191224B			SeqNo: 6153128		Prep Date: 12/23/2019		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium	31.22	3.8	7.508	22.81	112	75-125	0			
Copper	31.53	3.8	7.508	25.46	80.8	75-125	0			
Zinc	99.29	7.5	7.508	88.79	140	75-125	0			SO

MSD				Sample ID: 19121665-06AMSD			Units: mg/Kg		Analysis Date: 12/23/2019 09:03 P	
Client ID:		Run ID: ICPMS3_191223B			SeqNo: 6151502		Prep Date: 12/23/2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	11.18	0.38	7.519	2.932	110	75-125	10.15	9.65	20	
Barium	54.68	0.38	7.519	42.95	156	75-125	56.92	4.01	20	SO
Boron	45.43	1.5	37.59	7.312	101	75-125	46.02	1.29	20	
Cadmium	6.628	0.15	7.519	-0.02971	88.6	75-125	6.735	1.6	20	
Lead	26.15	0.38	7.519	17.16	119	75-125	25.19	3.73	20	
Nickel	17.1	0.38	7.519	8.132	119	75-125	15.4	10.5	20	
Selenium	7.34	0.38	7.519	0.2143	94.8	75-125	7.259	1.1	20	
Silver	6.82	0.38	7.519	0.1285	89	75-125	6.805	0.22	20	

MSD				Sample ID: 19121665-06AMSD			Units: mg/Kg		Analysis Date: 12/24/2019 03:53 P	
Client ID:		Run ID: ICPMS3_191224B			SeqNo: 6153129		Prep Date: 12/23/2019		DF: 10	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chromium	34.28	3.8	7.519	22.81	153	75-125	31.22	9.36	20	S
Copper	33.96	3.8	7.519	25.46	113	75-125	31.53	7.42	20	
Zinc	97.81	7.5	7.519	88.79	120	75-125	99.29	1.51	20	O

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
Work Order: 19121640
Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147684** Instrument ID **ICPMS3** Method: **SW6020A**

DUP		Sample ID: 19121640-01ADUP				Units: mg/L		Analysis Date: 12/26/2019 05:15 P		
Client ID: Fill - United Gravel		Run ID: ICPMS3_191226A				SeqNo: 6156214		Prep Date: 12/26/2019		DF: 10
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	61.29	5.0	0	0	0	0-0	54.04	12.6		
Magnesium	17.35	2.0	0	0	0	0-0	14.99	14.6		
Sodium	46.4	2.0	0	0	0	0-0	40.44	13.7		

The following samples were analyzed in this batch:

19121640-01A

Batch ID: **147684** Instrument ID **SAR** Method: **USDA H60 Metho**

DUP		Sample ID: 19121640-01ADUP				Units: none		Analysis Date: 12/26/2019		
Client ID: Fill - United Gravel		Run ID: SAR_191226A				SeqNo: 6156231		Prep Date: 12/26/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium Adsorption Ratio	1.348	0.010	0	0	0		1.255	7.15	50	

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147533** Instrument ID **SVMS6** Method: **SW846 8270D**

MBLK		Sample ID: SBLKS1-147533-147533				Units: µg/Kg		Analysis Date: 12/24/2019 06:32 P		
Client ID:		Run ID: SVMS6_191224A				SeqNo: 6154687		Prep Date: 12/23/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	U	4.2								
Anthracene	U	4.2								
Benzo(a)anthracene	U	4.2								
Benzo(a)pyrene	U	4.2								
Benzo(b)fluoranthene	U	4.2								
Benzo(k)fluoranthene	U	4.2								
Chrysene	U	4.2								
Dibenzo(a,h)anthracene	U	4.2								
Fluoranthene	U	4.2								
Fluorene	U	4.2								
Indeno(1,2,3-cd)pyrene	U	4.2								
Naphthalene	U	4.2								
Pyrene	U	4.2								
Surr: 2-Fluorobiphenyl	1567	0	3333	0	47	20-140	0			
Surr: 4-Terphenyl-d14	1765	0	3333	0	53	22-172	0			
Surr: Nitrobenzene-d5	1661	0	3333	0	49.8	28-140	0			

LCS		Sample ID: SLCSS1-147533-147533				Units: µg/Kg		Analysis Date: 12/24/2019 07:34 P		
Client ID:		Run ID: SVMS6_191224A				SeqNo: 6154690		Prep Date: 12/23/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	965.3	4.2	1333	0	72.4	40-140	0			
Anthracene	1061	4.2	1333	0	79.6	40-140	0			
Benzo(a)anthracene	1080	4.2	1333	0	81	40-140	0			
Benzo(a)pyrene	1002	4.2	1333	0	75.2	40-140	0			
Benzo(b)fluoranthene	989.1	4.2	1333	0	74.2	40-140	0			
Benzo(k)fluoranthene	994.4	4.2	1333	0	74.6	40-140	0			
Chrysene	1019	4.2	1333	0	76.4	40-140	0			
Dibenzo(a,h)anthracene	981.6	4.2	1333	0	73.6	40-140	0			
Fluoranthene	1019	4.2	1333	0	76.4	40-140	0			
Fluorene	1020	4.2	1333	0	76.5	40-140	0			
Indeno(1,2,3-cd)pyrene	1061	4.2	1333	0	79.6	40-140	0			
Naphthalene	1046	4.2	1333	0	78.5	40-140	0			
Pyrene	1043	4.2	1333	0	78.3	40-140	0			
Surr: 2-Fluorobiphenyl	2706	0	3333	0	81.2	20-140	0			
Surr: 4-Terphenyl-d14	2499	0	3333	0	75	22-172	0			
Surr: Nitrobenzene-d5	2497	0	3333	0	74.9	28-140	0			

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: 147533 Instrument ID SVMS6 Method: SW846 8270D

MS				Sample ID: 19121408-01B MS			Units: µg/Kg		Analysis Date: 12/24/2019 07:49 P	
Client ID:		Run ID: SVMS6_191224A		SeqNo: 6154692		Prep Date: 12/23/2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	970	4.0	1283	0	75.6	40-140	0			
Anthracene	1058	4.0	1283	0	82.5	40-140	0			
Benzo(a)anthracene	1075	4.0	1283	0	83.8	40-140	0			
Benzo(a)pyrene	987.7	4.0	1283	0	77	40-140	0			
Benzo(b)fluoranthene	987.8	4.0	1283	0	77	40-140	0			
Benzo(k)fluoranthene	974	4.0	1283	0	75.9	40-140	0			
Chrysene	1010	4.0	1283	0	78.7	40-140	0			
Dibenzo(a,h)anthracene	980.7	4.0	1283	0	76.4	40-140	0			
Fluoranthene	1002	4.0	1283	0	78.1	40-140	0			
Fluorene	1017	4.0	1283	0	79.3	40-140	0			
Indeno(1,2,3-cd)pyrene	1060	4.0	1283	0	82.6	40-140	0			
Naphthalene	1071	4.0	1283	0	83.5	40-140	0			
Pyrene	1017	4.0	1283	0	79.3	40-140	0			
Surr: 2-Fluorobiphenyl	2687	0	3208	0	83.7	20-140	0			
Surr: 4-Terphenyl-d14	2418	0	3208	0	75.4	22-172	0			
Surr: Nitrobenzene-d5	2567	0	3208	0	80	28-140	0			

MSD				Sample ID: 19121408-01B MSD			Units: µg/Kg		Analysis Date: 12/24/2019 08:05 P	
Client ID:		Run ID: SVMS6_191224A		SeqNo: 6154695		Prep Date: 12/23/2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	1014	4.1	1314	0	77.1	40-140	970	4.4	30	
Anthracene	1115	4.1	1314	0	84.9	40-140	1058	5.26	30	
Benzo(a)anthracene	1127	4.1	1314	0	85.7	40-140	1075	4.66	30	
Benzo(a)pyrene	1037	4.1	1314	0	78.9	40-140	987.7	4.91	30	
Benzo(b)fluoranthene	1031	4.1	1314	0	78.5	40-140	987.8	4.28	30	
Benzo(k)fluoranthene	1020	4.1	1314	0	77.6	40-140	974	4.57	30	
Chrysene	1058	4.1	1314	0	80.5	40-140	1010	4.72	30	
Dibenzo(a,h)anthracene	1031	4.1	1314	0	78.4	40-140	980.7	4.99	30	
Fluoranthene	1053	4.1	1314	0	80.1	40-140	1002	4.93	30	
Fluorene	1071	4.1	1314	0	81.5	40-140	1017	5.14	30	
Indeno(1,2,3-cd)pyrene	1108	4.1	1314	0	84.3	40-140	1060	4.36	30	
Naphthalene	1118	4.1	1314	0	85.1	40-140	1071	4.32	30	
Pyrene	1077	4.1	1314	0	82	40-140	1017	5.72	30	
Surr: 2-Fluorobiphenyl	2764	0	3286	0	84.1	20-140	2687	2.82	0	
Surr: 4-Terphenyl-d14	2461	0	3286	0	74.9	22-172	2418	1.77	0	
Surr: Nitrobenzene-d5	2651	0	3286	0	80.7	28-140	2567	3.25	0	

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147634** Instrument ID **VMS11** Method: **SW8260C**

MBLK				Sample ID: MBLK-147634-147634				Units: µg/Kg-dry			Analysis Date: 12/30/2019 06:13 P		
Client ID:			Run ID: VMS11_191230A				SeqNo: 6164980			Prep Date: 12/24/2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual			
Benzene	U	30											
Ethylbenzene	U	30											
m,p-Xylene	U	60											
o-Xylene	U	30											
Toluene	U	30											
Xylenes, Total	U	90											
Surr: 1,2-Dichloroethane-d4	959.5	0	1000	0	96	70-130	0						
Surr: 4-Bromofluorobenzene	923.5	0	1000	0	92.4	70-130	0						
Surr: Dibromofluoromethane	913	0	1000	0	91.3	70-130	0						
Surr: Toluene-d8	962	0	1000	0	96.2	70-130	0						

LCS				Sample ID: LCS-147634-147634			Units: µg/Kg-dry		Analysis Date: 12/30/2019 05:06 P		
Client ID:		Run ID: VMS11_191230A			SeqNo: 6164977		Prep Date: 12/24/2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1100	30	1000	0	110	75-125	0				
Ethylbenzene	1040	30	1000	0	104	75-125	0				
m,p-Xylene	2128	60	2000	0	106	80-125	0				
o-Xylene	1062	30	1000	0	106	75-125	0				
Toluene	1058	30	1000	0	106	70-125	0				
Xylenes, Total	3190	90	3000	0	106	75-125	0				
Surr: 1,2-Dichloroethane-d4	936.5	0	1000	0	93.6	70-130	0				
Surr: 4-Bromofluorobenzene	952	0	1000	0	95.2	70-130	0				
Surr: Dibromofluoromethane	951	0	1000	0	95.1	70-130	0				
Surr: Toluene-d8	975.5	0	1000	0	97.6	70-130	0				

MS				Sample ID: 19121646-01B MS			Units: µg/Kg-dry		Analysis Date: 12/31/2019 01:19 A		
Client ID:			Run ID: VMS11_191230A			SeqNo: 6164986		Prep Date: 12/24/2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1939	37	1219	21.42	157	75-125	0			S	
Ethylbenzene	2054	37	1219	42.84	165	75-125	0			S	
m,p-Xylene	23720	73	2438	791.4	941	80-125	0			SE	
o-Xylene	4329	37	1219	470.7	317	75-125	0			S	
Toluene	12730	37	1219	211.1	1030	70-125	0			SE	
Xylenes, Total	28050	110	3657	1260	733	75-125	0			SE	
<hr/>											
Surr: 1,2-Dichloroethane-d4	1129	0	1219	0	92.6	70-130	0				
Surr: 4-Bromofluorobenzene	1129	0	1219	0	92.6	70-130	0				
<hr/>											
Surr: Dibromofluoromethane	1121	0	1219	0	92	70-130	0				
Surr: Toluene-d8	1489	0	1219	0	122	70-130	0				

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147634** Instrument ID **VMS11** Method: **SW8260C**

MSD				Sample ID: 19121646-01B MSD			Units: µg/Kg-dry		Analysis Date: 12/31/2019 01:41 A		
Client ID:			Run ID: VMS11_191230A			SeqNo: 6164989		Prep Date: 12/24/2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Benzene	1469	40	1318	21.42	110	75-125	1939	27.6	30		
Ethylbenzene	1449	40	1318	42.84	107	75-125	2054	34.5	30	R	
m,p-Xylene	4246	79	2635	791.4	131	80-125	23720	139	30	SR	
o-Xylene	1928	40	1318	470.7	111	75-125	4329	76.7	30	R	
Toluene	1891	40	1318	211.1	127	70-125	12730	148	30	SR	
Xylenes, Total	6174	120	3953	1260	124	75-125	28050	128	30	R	
Surr: 1,2-Dichloroethane-d4	1252	0	1318	0	95	70-130	1129	10.4	30		
Surr: 4-Bromofluorobenzene	1269	0	1318	0	96.3	70-130	1129	11.6	30		
Surr: Dibromofluoromethane	1252	0	1318	0	95	70-130	1121	11	30		
Surr: Toluene-d8	1568	0	1318	0	119	70-130	1489	5.13	30		

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147516** Instrument ID **WETCHEM** Method: **SW9045D**

LCS				Sample ID: LCS-147516-147516				Units: s.u.			Analysis Date: 12/23/2019 09:45 A			
Client ID:				Run ID: WETCHEM_191223B				SeqNo: 6147335			Prep Date: 12/23/2019		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 3.98 0.10 4 0 99.5 90-110 0

DUP				Sample ID: 19121640-01A DUP				Units: s.u.			Analysis Date: 12/23/2019 09:45 A			
Client ID: Fill - United Gravel				Run ID: WETCHEM_191223B				SeqNo: 6147339			Prep Date: 12/23/2019		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				

pH 8.94 0.10 0 0 0 0-0 8.94 0 20

Temperature 20.4 0.10 0 0 0 20.1 1.48

DUP				Sample ID: 19121649-01B DUP				Units: s.u.			Analysis Date: 12/23/2019 09:45 A			
Client ID:				Run ID: WETCHEM_191223B				SeqNo: 6147348			Prep Date: 12/23/2019		DF: 1	
Analyte				Result		PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

pH 7.78 0.10 0 0 0 0-0 7.98 2.54 20

Temperature 20.7 0.10 0 0 0 20.6 0.484

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
 Work Order: 19121640
 Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147640** Instrument ID **WETCHEM** Method: **SW7196A**

MBLK		Sample ID: MBLK-147640-147640				Units: mg/Kg		Analysis Date: 12/24/2019 03:58 P		
Client ID:		Run ID: WETCHEM_191224P		SeqNo: 6153583		Prep Date: 12/24/2019		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-147640-147640				Units: mg/Kg		Analysis Date: 12/24/2019 03:58 P		
Client ID:		Run ID: WETCHEM_191224P		SeqNo: 6153584		Prep Date: 12/24/2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 4.67 1.0 5 0 93.4 80-120 0

MS		Sample ID: 19121665-01A MS				Units: mg/Kg		Analysis Date: 12/24/2019 03:58 P		
Client ID:		Run ID: WETCHEM_191224P		SeqNo: 6153587		Prep Date: 12/24/2019		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent 2.1 1.0 5 0.68 28.4 75-125 0 S

MS		Sample ID: 19121665-01A MSI				Units: mg/Kg		Analysis Date: 12/24/2019 03:58 P		
Client ID:		Run ID: WETCHEM_191224P		SeqNo: 6153589		Prep Date: 12/24/2019		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Chromium, Hexavalent U 100 2639 0.68 -0.026 75-125 0 S

MSD		Sample ID: 19121665-01A MSD				Units: mg/Kg		Analysis Date: 12/24/2019 03:58 P		
Client ID:		Run ID: WETCHEM_191224P		SeqNo: 6153588		Prep Date: 12/24/2019		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 5 0.68 -13.6 75-125 2.1 0 20 S

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
Work Order: 19121640
Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **147684** Instrument ID **WETCHEM** Method: **USDA H60 Metho**

MBLK		Sample ID: MB-R278608-147684				Units: mmhos/cm @25°		Analysis Date: 12/27/2019 03:50 P		
Client ID:		Run ID: WETCHEM_191227P				SeqNo: 6158252		Prep Date: 12/26/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Electrical Conductivity @ Saturation U 0.0050

DUP		Sample ID: 19121640-01A DUP				Units: mmhos/cm @25°		Analysis Date: 12/27/2019 03:50 P		
Client ID: Fill - United Gravel		Run ID: WETCHEM_191227P				SeqNo: 6158255		Prep Date: 12/26/2019		DF: 20
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Electrical Conductivity @ Saturation 0.684 0.10 0 0 0 0.614 10.8 50

LCS1		Sample ID: LCS 1-147684				Units: mmhos/cm @25°		Analysis Date: 12/27/2019 03:50 P		
Client ID:		Run ID: WETCHEM_191227P				SeqNo: 6158253		Prep Date: 12/26/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Electrical Conductivity @ Saturation 0.01503 0.0050 0.0149 0 101 92-111 0

LCS2		Sample ID: LCS 2-147684				Units: mmhos/cm @25°		Analysis Date: 12/27/2019 03:50 P		
Client ID:		Run ID: WETCHEM_191227P				SeqNo: 6158256		Prep Date: 12/26/2019		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Electrical Conductivity @ Saturation 0.607 0.0050 0.592 0 103 88-114 0

The following samples were analyzed in this batch:

19121640-01A

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

Client: XTO Energy
Work Order: 19121640
Project: United Fill - Gravel

QC BATCH REPORT

Batch ID: **R278567** Instrument ID **MOIST** Method: **SW3550C**

MBLK		Sample ID: WBLKS-R278567					Units: % of sample		Analysis Date: 12/26/2019 02:00 P		
Client ID:			Run ID: MOIST_191226B			SeqNo: 6156877		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture U 0.10

LCS		Sample ID: LCS-R278567					Units: % of sample		Analysis Date: 12/26/2019 02:00 P		
Client ID:			Run ID: MOIST_191226B			SeqNo: 6156876		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	

Moisture 100 0.10 100 0 100 98-102 0

DUP				Sample ID: 19121609-01B DUP				Units: % of sample			Analysis Date: 12/26/2019 02:00 P			
Client ID:				Run ID: MOIST_191226B				SeqNo: 6156852			Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual				

Moisture 7.72 0.10 0 0 0 0-0 7.98 3.31 10

DUP		Sample ID: 19121609-02B DUP				Units: % of sample		Analysis Date: 12/26/2019 02:00 P		
Client ID:		Run ID: MOIST_191226B			SeqNo: 6156854		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Moisture 6.54 0.10 0 0 0 0-0 6.96 6.22 10

The following samples were analyzed in this batch:

19121640-01A

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

Sample Receipt Checklist

Client Name: **XTO - CO**

Date/Time Received: **20-Dec-19 10:30**

Work Order: **19121640**

Received by: **DS**

Checklist completed by Diane Shaw
eSignature

20-Dec-19
Date

Reviewed by: Chad Whelton
eSignature

23-Dec-19
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>4.2/4.2 c</u>		<u>SR2</u>
Cooler(s)/Kit(s):	<u></u>		
Date/Time sample(s) sent to storage:	<u>12/20/2019 4:03:35 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: