

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673



231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

January 17, 2022

Mr. Dale Clark
Clare, City of
202 W. Fifth St.
Clare, Mi 48617

RE: Trace Project 22A0380
Client Project Plant Tap- PFAS Sample 1/12/22

Dear Mr. Clark:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

The results were obtained from Prein and Newhof.

For clients that require NELAC Accreditation, Trace certifies that these test results meet all requirements of the NELAC Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAC at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at tbrewer@trace-labs.com.

Sincerely,

A handwritten signature in black ink that reads "Timothy W. Brewer".

Tim Brewer
Project Manager

Enclosures



NJDEP Accreditation No. MI008

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673



231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

SAMPLE SUMMARY

Trace Project ID: 22A0380
Client Project ID: Plant Tap- PFAS Sample 1/12/22

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
22A0380-01	Plant Tap - 305 Maple	Drinking Water	JM	01/12/22 09:30	01/13/22 12:20

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673



231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

January 17, 2022

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673

RE: 22A0380 - 305 Maple

Order No.: 2201642

Dear Mr. Tim Brewer:

[Guide to reading Lab Result](#)

Prein&Newhof Laboratory received 2 sample(s) on 1/14/2022 on your behalf. Your test results are provided in your Prein&Newhof Laboratory analytical report. Please carefully review your analytical report, noting the following.

- You can be assured that the sample results meet the Safe Drinking Water Criteria as no analyte tested exceeds the EPA Maximum Contaminant Level unless indicated by an " * " in the "Qual" column.
- You can be assured that all samples were received and analyzed within required holding times unless noted by a "H" in the "Qual" column.
- You can be assured that all quality control data is within laboratory-defined or method-specified acceptance limits unless defined by the addition of an attached Case Narrative document.
- When testing for PFHxS, PFOA, PFOS, MeFOSAA, and EtFOSAA results include both branched and linear isotopes. We extract a Method Blank and analyze it with the preparation batch. Method Blank analytes are within the Reporting Limit (RL).

We use EPA Approved Methods for all regulated parameters. EPA Lab #: MI000014

We are certified by the State of Michigan for Drinking Water Analysis for: Coliform Bacteria, Metals, Cyanide, Minerals, Anions, Volatile Organics, THM's, Haloacetic Acids, and PFAS.
Michigan Lab ID#: 0020

To learn more about interpreting your Drinking Water Test Results and reading your Lab Report, follow the link above to view our "Guide to Reading Lab Results". If you have any concerns about your test results or need additional help, please call: 616-364-7600 or email me: sbylsma@preinnewhof.com.

Thank you for trusting Prein&Newhof with your testing needs.

Sincerely,



Steve Bylsma
Laboratory Manager

CLIENT:	Trace Analytical Laboratories, Inc.	Collection Date	1/12/2022 9:30:00 AM
Project:	22A0380 - 305 Maple	Received Date:	1/14/2022 10:30:00 AM
Lab ID:	2201642-01	Matrix:	DRINKING WATER
Client Sample ID:	22A0380-01	Sampled By:	JM
Location:	Plant Tap		

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
----------	--------	----	------	-------	-----	---------------

PFAS, DRINKING WATER

EPA 537.1

Analyst: JS

PFBS	2.9	2.0		ng/L	420	1/15/2022 12:11:00 AM
PFHxA	< 2.0	2.0		ng/L	400000	1/15/2022 12:11:00 AM
HFPO-DA	< 2.0	2.0		ng/L	370	1/15/2022 12:11:00 AM
PFHxS	6.7	2.0		ng/L	51	1/15/2022 12:11:00 AM
PFHpA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
ADONA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
PFOA	< 2.0	2.0		ng/L	8.0	1/15/2022 12:11:00 AM
PFOS	4.5	2.0		ng/L	16	1/15/2022 12:11:00 AM
PFNA	< 2.0	2.0		ng/L	6.0	1/15/2022 12:11:00 AM
9CI-PF3ONS	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
PFDA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
NMeFOSAA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
NEtFOSAA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
PFUnA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
11CI-PF3OUdS	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
PFDoA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
PFTTrDA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
PFTA	< 2.0	2.0		ng/L		1/15/2022 12:11:00 AM
Surr: d5-N-EtFOSSA	101	70 - 130		%Rec		1/15/2022 12:11:00 AM
Surr: M3HFPO-DA	96.4	70 - 130		%Rec		1/15/2022 12:11:00 AM
Surr: MPFDA	86.0	70 - 130		%Rec		1/15/2022 12:11:00 AM
Surr: MPFHxA	97.3	70 - 130		%Rec		1/15/2022 12:11:00 AM

Qualifiers: < Not Detected at the Reporting Limit
MCL Maximum Contaminant Level
RL Reporting Limit

H Holding times for preparation or analysis exceeded
PL Permit Limit

CLIENT:	Trace Analytical Laboratories, Inc.	Collection Date	1/12/2022 9:30:00 AM
Project:	22A0380 - 305 Maple	Received Date:	1/14/2022 10:30:00 AM
Lab ID:	2201642-02	Matrix:	BLANK
Client Sample ID:	Field Blank	Sampled By:	HB
Location:			

Analyses	Result	RL	Qual	Units	MCL	Date Analyzed
----------	--------	----	------	-------	-----	---------------

PFAS, DRINKING WATER

EPA 537.1

Analyst: JS

PFBS	< 2.0	2.0		ng/L	420	1/14/2022 9:20:00 PM
PFHxA	< 2.0	2.0		ng/L	400000	1/14/2022 9:20:00 PM
HFPO-DA	< 2.0	2.0		ng/L	370	1/14/2022 9:20:00 PM
PFHxS	< 2.0	2.0		ng/L	51	1/14/2022 9:20:00 PM
PFHpA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
ADONA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
PFOA	< 2.0	2.0		ng/L	8.0	1/14/2022 9:20:00 PM
PFOS	< 2.0	2.0		ng/L	16	1/14/2022 9:20:00 PM
PFNA	< 2.0	2.0		ng/L	6.0	1/14/2022 9:20:00 PM
9CI-PF3ONS	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
PFDA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
NMeFOSAA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
NEtFOSAA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
PFUnA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
11CI-PF3OUdS	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
PFDoA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
PFTTrDA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
PFTA	< 2.0	2.0		ng/L		1/14/2022 9:20:00 PM
Surr: d5-N-EtFOSSA	81.8	70 - 130		%Rec		1/14/2022 9:20:00 PM
Surr: M3HFPO-DA	88.0	70 - 130		%Rec		1/14/2022 9:20:00 PM
Surr: MPFDA	76.6	70 - 130		%Rec		1/14/2022 9:20:00 PM
Surr: MPFHxA	85.3	70 - 130		%Rec		1/14/2022 9:20:00 PM

Qualifiers: < Not Detected at the Reporting Limit
MCL Maximum Contaminant Level
RL Reporting Limit

H Holding times for preparation or analysis exceeded
PL Permit Limit

WO#: 2201642

1/17/2022

Client: Trace Analytical Laboratories, Inc.

Project: 22A0380 - 305 Maple

TestCode: PFAS-DW

Sample ID: MB-L8-3863	SampType: MBLK	TestCode: PFAS-DW	Units: ng/L	Prep Date: 1/14/2022	RunNo: 24856						
Client ID: PBW	Batch ID: 3863	TestNo: EPA 537.1		Analysis Date: 1/14/2022	SeqNo: 453603						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFBS	< 1.8	1.8									
PFHxA	< 1.8	1.8									
HFPO-DA	< 1.8	1.8									
PFHxS	< 1.8	1.8									
PFHpA	< 1.8	1.8									
ADONA	< 1.8	1.8									
PFOA	< 1.8	1.8									
PFOS	< 1.8	1.8									
PFNA	< 1.8	1.8									
9CI-PF3ONS	< 1.8	1.8									
PFDA	< 1.8	1.8									
NMeFOSAA	< 1.8	1.8									
NEtFOSAA	< 1.8	1.8									
PFUnA	< 1.8	1.8									
11CI-PF3OUdS	< 1.8	1.8									
PFDoA	< 1.8	1.8									
PFTTrDA	< 1.8	1.8									
PFTA	< 1.8	1.8									
Surr: d5-N-EtFOSSA	86		80.00		108	70	130				
Surr: M3HFPO-DA	200		200.0		100	70	130				
Surr: MPFDA	75		80.00		93.6	70	130				
Surr: MPFHxA	77		80.00		96.8	70	130				

Qualifiers: < Not Detected at the Reporting Limit
PL Permit Limit

H Holding times for preparation or analysis exceeded
RL Reporting Limit

MCL Maximum Contaminant Level

Original
Page 4 of 8

WO#: 2201642

1/17/2022

Client: Trace Analytical Laboratories, Inc.

Project: 22A0380 - 305 Maple

TestCode: PFAS-DW

Sample ID: LCS-low-3863 A	SampType: LCS-LOW	TestCode: PFAS-DW	Units: ng/L	Prep Date: 1/14/2022	RunNo: 24856						
Client ID: BatchQC	Batch ID: 3863	TestNo: EPA 537.1		Analysis Date: 1/14/2022	SeqNo: 453604						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFBS	2.0	1.8	2.000	0	99.6	50	150				
PFHxA	1.8	1.8	2.000	0	88.0	50	150				
HFPO-DA	1.8	1.8	2.000	0	90.0	50	150				
PFHxS	2.0	1.8	2.000	0	101	50	150				
PFHpA	1.8	1.8	2.000	0	87.8	50	150				
ADONA	< 1.8	1.8	2.000	0	86.4	50	150				
PFOA	1.9	1.8	2.000	0	92.8	50	150				
PFOS	2.1	1.8	2.000	0	103	50	150				
PFNA	< 1.8	1.8	2.000	0	82.8	50	150				
9CI-PF3ONS	1.8	1.8	2.000	0	92.4	50	150				
PFDA	1.8	1.8	2.000	0	91.6	50	150				
NMeFOSAA	1.9	1.8	2.000	0	94.8	50	150				
NEtFOSAA	2.1	1.8	2.000	0	105	50	150				
PfUnA	1.8	1.8	2.000	0	88.4	50	150				
11CI-PF3OUdS	1.9	1.8	2.000	0	94.2	50	150				
PFDoA	1.8	1.8	2.000	0	88.2	50	150				
PFTTrDA	< 1.8	1.8	2.000	0	84.6	50	150				
PFTA	< 1.8	1.8	2.000	0	75.6	50	150				
Surr: d5-N-EtFOSSA	75		80.00		93.5	70	130				
Surr: M3HFPO-DA	190		200.0		92.6	70	130				
Surr: MPFDA	66		80.00		82.9	70	130				
Surr: MPFHxA	71		80.00		88.6	70	130				

Qualifiers: < Not Detected at the Reporting Limit
PL Permit Limit

H Holding times for preparation or analysis exceeded
RL Reporting Limit

MCL Maximum Contaminant Level

WO#: 2201642

1/17/2022

Client: Trace Analytical Laboratories, Inc.

Project: 22A0380 - 305 Maple

TestCode: PFAS-DW

Sample ID: 2201622-02ADUP	SampType: DUP	TestCode: PFAS-DW	Units: ng/L	Prep Date: 1/14/2022	RunNo: 24856						
Client ID: BatchQC	Batch ID: 3863	TestNo: EPA 537.1		Analysis Date: 1/14/2022	SeqNo: 453614						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFBS	< 1.6	1.6						0	0	30	
PFHxA	< 1.6	1.6						0	0	30	
HFPO-DA	< 1.6	1.6						0	0	30	
PFHxS	< 1.6	1.6						0	0	30	
PFHpA	< 1.6	1.6						0	0	30	
ADONA	< 1.6	1.6						0	0	30	
PFOA	< 1.6	1.6						0	0	30	
PFOS	< 1.6	1.6						0	0	30	
PFNA	< 1.6	1.6						0	0	30	
9CI-PF3ONS	< 1.6	1.6						0	0	30	
PFDA	< 1.6	1.6						0	0	30	
NMeFOSAA	< 1.6	1.6						0	0	30	
NEtFOSAA	< 1.6	1.6						0	0	30	
PFUnA	< 1.6	1.6						0	0	30	
11CI-PF3OUdS	< 1.6	1.6						0	0	30	
PFDoA	< 1.6	1.6						0	0	30	
PFTTrDA	< 1.6	1.6						0	0	30	
PFTA	< 1.6	1.6						0	0	30	
Surr: d5-N-EtFOSSA	66		72.73		91.2	70	130		0	0	
Surr: M3HFPO-DA	180		181.8		99.4	70	130		0	0	
Surr: MPFDA	63		72.73		86.8	70	130		0	0	
Surr: MPFHxA	70		72.73		96.6	70	130		0	0	

Qualifiers: < Not Detected at the Reporting Limit
PL Permit Limit

H Holding times for preparation or analysis exceeded
RL Reporting Limit

MCL Maximum Contaminant Level

WO#: 2201642

1/17/2022

Client: Trace Analytical Laboratories, Inc.

Project: 22A0380 - 305 Maple

TestCode: PFAS-DW

Sample ID: 2201540-01AMS	SampType: MS-MID	TestCode: PFAS-DW	Units: ng/L	Prep Date: 1/14/2022	RunNo: 24856						
Client ID: BatchQC	Batch ID: 3863	TestNo: EPA 537.1		Analysis Date: 1/15/2022	SeqNo: 453617						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFBS	69	1.7	75.47	0	91.5	70	130				
PFHxA	69	1.7	75.47	0	91.0	70	130				
HFPO-DA	70	1.7	75.47	0	92.8	70	130				
PFHxS	72	1.7	75.47	0	95.6	70	130				
PFHpA	69	1.7	75.47	0	91.6	70	130				
ADONA	69	1.7	75.47	0	91.4	70	130				
PFOA	70	1.7	75.47	0	93.2	70	130				
PFOS	70	1.7	75.47	0	92.7	70	130				
PFNA	63	1.7	75.47	0	83.2	70	130				
9CI-PF3ONS	71	1.7	75.47	0	93.6	70	130				
PFDA	64	1.7	75.47	0	84.8	70	130				
NMeFOSAA	65	1.7	75.47	0	86.1	70	130				
NEtFOSAA	67	1.7	75.47	0	88.6	70	130				
PFUnA	64	1.7	75.47	0	84.5	70	130				
11CI-PF3OUdS	68	1.7	75.47	0	90.6	70	130				
PFDoA	61	1.7	75.47	0	81.4	70	130				
PFTTrDA	59	1.7	75.47	0	78.7	70	130				
PFTA	55	1.7	75.47	0	73.3	70	130				
Surr: d5-N-EtFOSSA	66		75.47		87.8	70	130				
Surr: M3HFPO-DA	180		188.7		98.0	70	130				
Surr: MPFDA	63		75.47		83.1	70	130				
Surr: MPFHxA	70		75.47		92.4	70	130				

Qualifiers: < Not Detected at the Reporting Limit
PL Permit Limit

H Holding times for preparation or analysis exceeded
RL Reporting Limit

MCL Maximum Contaminant Level

Original
Page 7 of 8

WO#: 2201642

1/17/2022

Client: Trace Analytical Laboratories, Inc.

Project: 22A0380 - 305 Maple

TestCode: PFAS-DW

Sample ID: LCS-low-3863 B	SampType: LCS-LOW	TestCode: PFAS-DW	Units: ng/L	Prep Date: 1/14/2022	RunNo: 24856						
Client ID: BatchQC	Batch ID: 3863	TestNo: EPA 537.1		Analysis Date: 1/15/2022	SeqNo: 453618						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
PFBS	1.9	1.8	2.000	0	96.8	50	150				
PFHxA	1.8	1.8	2.000	0	89.8	50	150				
HFPO-DA	1.8	1.8	2.000	0	90.2	50	150				
PFHxS	2.1	1.8	2.000	0	104	50	150				
PFHpA	< 1.8	1.8	2.000	0	85.2	50	150				
ADONA	< 1.8	1.8	2.000	0	83.8	50	150				
PFOA	1.8	1.8	2.000	0	92.2	50	150				
PFOS	2.2	1.8	2.000	0	111	50	150				
PFNA	< 1.8	1.8	2.000	0	79.6	50	150				
9CI-PF3ONS	2.0	1.8	2.000	0	100	50	150				
PFDA	1.8	1.8	2.000	0	91.2	50	150				
NMeFOSAA	1.9	1.8	2.000	0	92.8	50	150				
NEtFOSAA	2.0	1.8	2.000	0	98.8	50	150				
PFUnA	1.8	1.8	2.000	0	89.4	50	150				
11CI-PF3OUdS	1.9	1.8	2.000	0	96.4	50	150				
PFDoA	1.8	1.8	2.000	0	87.8	50	150				
PFTTrDA	< 1.8	1.8	2.000	0	82.0	50	150				
PFTA	< 1.8	1.8	2.000	0	74.4	50	150				
Surr: d5-N-EtFOSSA	72		80.00		90.2	70	130				
Surr: M3HFPO-DA	190		200.0		93.3	70	130				
Surr: MPFDA	66		80.00		82.4	70	130				
Surr: MPFHxA	71		80.00		88.4	70	130				

Qualifiers: < Not Detected at the Reporting Limit
PL Permit Limit

H Holding times for preparation or analysis exceeded
RL Reporting Limit

MCL Maximum Contaminant Level

Original
Page 8 of 8

SUBCONTRACT ORDER
22A0380

SENDING LABORATORY:

Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444
Phone: 231.773.5998

RECEIVING LABORATORY:

Prein and Newhof
3260 Evergreen Drive NE
Grand Rapids, MI 49525
Phone :(616) 364-7600

Project Manager: Tim Brewer

Note Our New Email address: TraceSubOut@trace-labs.com

PO # 22A0380

Sample ID: Plant Tap - 305 Maple 22A0380-01 Matrix: Drinking Water Sampled: 01/12/22 09:30 TAT: Standard 16427

Sampled By: JM

Analysis Needed:

PFAS Drinking Water- EGLE List with Field Blank

2

Released By MAZ Date 1/13/22 Received By S. Diem Date 1/14/22 1030
Released By _____ Date _____ Received By _____ Date _____ 5⁰⁰

Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673



231-773-5998 Phone
 888-979-4469 Fax
 www.trace-labs.com

Prein & Newhof
 Engineers • Surveyors • Environmental • Laboratory

3260 Evergreen Drive, NE
 Grand Rapids, MI 49525
 t: 616-364-7600
 f: 616-364-4222

CHAIN OF CUSTODY

Wastewater W
 Drinking Water D
 Groundwater G
 Soil S
 Sludge L
 Other X

Client: City of Clare
 Billing Address: 202 W. Fifth Street MI 48047
 Phone Number: 989 386 2321
 Project Name: City of Clare PFAS
 Project Number:
 Email Results To: diagnostic@clare.org
 Sampling Personnel: Josh Miller

Lab Use	Sample Information			Preservative						Analysis Requested										
	Lab Sample ID #	Date Collected	Time Collected	Sample Description and Location (e.g. MW-1)	MATRIX	None	H2SO4	HNO3	HCL	NaOH	Other									
	1-12-22	9:30 am	Plant Top - 305 Maple	D							X	X								

Comments:

Relinquished By: (Signature) <i>Tom Cole</i>	Date 1-13-22	Time 12:12	Received By: (Signature) <i>Anna Sun</i>	Date 1/13/22	Time 12:10
Relinquished By: (Signature)	Date	Time	Received By: (Signature) <i>Randy Nausch</i>	Date 1/13/22	Time 15:35
Received for Laboratory By:	Date	Time	Data Package Relinquished By:	Date	Time

Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673



231-773-5998 Phone
 888-979-4469 Fax
 www.trace-labs.com

22A0380

Clare, City of
 Project Manager: Tim Brewer

Sample Log In Checklist

Date: 1/13/22	Original Observation	Corrected Temperature	IR-9 (CF: +0.4°C)	IR-10 (CF: +0.4°C)	20812743 (CF: -0.2°C)	Temp Blank	Client Sample
Time: 15:35							
Logged by: BV							
Package Description: Cooler							
Package Temp °C	-0.9	-0.5	✓				
Representative Sample Temp °C	3.0	2.8			✓	✓	

Sample Receipt

Yes / No

- Received on ice or other coolant
 Ice still present upon receipt
 Custody seals present
 Trace Courier Client Drop-off
 Yes No Custody seals intact (if applicable)
 UPS Fed Ex US Mail Other

Sample Condition

Yes / No / N/A

- All sample containers arrived unbroken and labeled
 Sufficient sample to run requested analyses
 Correct chemical preservative added to samples
 Samples preserved at Trace
 Chemical preservation verified, check EMD pH test strip used (if applicable)
 pH 0-2.5 (Lot: HC046681) pH 11.0-13.0 (Lot: HC022540) Other
 Air bubbles absent from VOAs

Chain of Custody (COC)

Yes / No

- All bottle labels agree with COC
 COC filled out properly
 COC signed by client

Notes:
