# **ANALYTICAL REPORT**

## PREPARED FOR

Attn: Marlene Ladderbush Georgetown Water Department 1 Moulton Street Georgetown, Massachusetts 01833

Generated 1/23/2024 8:30:42 AM

# **JOB DESCRIPTION**

PFAS - Georgetown Water

# **JOB NUMBER**

810-90536-1

Eurofins Eaton Analytical South Bend 110 S Hill Street South Bend IN 46617



# **Eurofins Eaton Analytical South Bend**

#### **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

## **Authorization**

Generated 1/23/2024 8:30:42 AM

Authorized for release by

Nathan Trowbridge, Manager of Project Management

Nathan.Trowbridge@et.eurofinsus.com

(574)233-4777

3

4

**5** 

o

9

10

11

\_\_\_

# **Table of Contents**

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Method Summary	14
Sample Summary	15
Chain of Custody	16
Receipt Checklists	17

5

6

8

10

11

13

14

## **Definitions/Glossary**

Client: Georgetown Water Department Job ID: 810-90536-1 Project/Site: PFAS - Georgetown Water

#### **Qualifiers**

#### **LCMS**

Qualifier **Qualifier Description** 

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### **Glossary**

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

Duplicate Error Ratio (normalized absolute difference) DER

Dil Fac **Dilution Factor** 

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

**EDL** Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

**PQL Practical Quantitation Limit** 

**PRES** Presumptive QC **Quality Control** 

Relative Error Ratio (Radiochemistry) **RER** 

Reporting Limit or Requested Limit (Radiochemistry) RL

**RPD** Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) **TEQ** Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count **TNTC** 

#### **Case Narrative**

Client: Georgetown Water Department Project: PFAS - Georgetown Water

Job ID: 810-90536-1

Job ID: 810-90536-1

### **Eurofins Eaton Analytical South Bend**

Job Narrative 810-90536-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The samples were received on 1/12/2024 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

#### **PFAS**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

# **Detection Summary**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water

Job ID: 810-90536-1

Client Sample ID: 10015 West St WTP Finish Water

Lab Sample ID: 810-90536-1

PWSID Number: 3105000

Analyte	Result Qu	ualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonic acid (PFOS)	1.1 J		1.9	0.51	ng/L	1	_	537.1	Total/NA
Perfluorohexanoic acid (PFHxA)	0.74 J		1.9	0.61	ng/L	1		537.1	Total/NA
Perfluorooctanoic acid (PFOA)	1.5 J		1.9	0.48	ng/L	1		537.1	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.63 J		1.9	0.42	ng/L	1		537.1	Total/NA

3

-

6

Ω

9

11

12

14

## **Client Sample Results**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water

Lab Sample ID: 810-90536-1

**Matrix: Drinking Water** PWSID Number: 3105000

Job ID: 810-90536-1

Client Sample ID: 10015 West St WTP Finish Water

Date Collected: 01/11/24 09:45 Date Received: 01/12/24 09:15

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	1.1	J	1.9	0.51	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	0.61	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorohexanoic acid (PFHxA)	0.74	J	1.9	0.61	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.61	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorooctanoic acid (PFOA)	1.5	J	1.9	0.48	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.58	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorohexanesulfonic acid (PFHxS)	0.63	J	1.9	0.42	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.68	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9	0.50	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.46	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorotetradecanoic acid (PFTeDA)	ND		1.9	0.63	ng/L		01/16/24 12:40	01/18/24 18:09	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9	0.58	ng/L		01/16/24 12:40	01/18/24 18:09	1
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	ND		1.9	0.60	ng/L		01/16/24 12:40	01/18/24 18:09	1
N-ethylperfluorooctanesulfonamidoac etic acid (NEtFOSAA)	ND		1.9	0.49	ng/L		01/16/24 12:40	01/18/24 18:09	•
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		1.9	0.60	ng/L		01/16/24 12:40	01/18/24 18:09	
9-Chlorohexadecafluoro-3-oxanonan	ND		1.9	0.62	ng/L		01/16/24 12:40	01/18/24 18:09	•
e-1-sulfonic acid 11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	ND		1.9	0.62	ng/L		01/16/24 12:40	01/18/24 18:09	,
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9	0.47	ng/L		01/16/24 12:40	01/18/24 18:09	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
13C2 PFHxA	84		70 - 130				01/16/24 12:40	01/18/24 18:09	
13C2 PFDA	92		70 - 130				01/16/24 12:40	01/18/24 18:09	
13C3 HFPO-DA	78		70 - 130				01/16/24 12:40	01/18/24 18:09	
d5-NEtFOSAA	97		70 - 130				01/16/24 12:40	01/18/24 18:09	
Method: EPA PFAS6 - PFAS6									
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fa
PFAS Total	ND		2.00	0.500	ng/L			01/18/24 18:09	

1/23/2024

## **Surrogate Summary**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water

PFDA = 13C2 PFDA HFPODA = 13C3 HFPO-DA d5NEFOS = d5-NEtFOSAA Job ID: 810-90536-1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Matrix: Drinking Water Prep Type: Total/NA

_			Pe	ercent Surr	ogate Reco
		PFHxA	PFDA	HFPODA	d5NEFOS
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
810-90536-1	10015 West St WTP Finish Water	84	92	78	97
LLCS 810-85792/2-A	Lab Control Sample	87	95	88	98
MBL 810-85792/1-A	Method Blank	86	81	84	95
Surrogate Legend					
PFHxA = 13C2 PFHxA					

\_ {

10

12

14

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water Job ID: 810-90536-1

## Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Lab Sample ID: MBL 810-85792/1-A

**Matrix: Drinking Water Analysis Batch: 85941** 

**Client Sample ID: Method Blank Prep Type: Total/NA** 

Prep Batch: 85792

	MBL	MBL								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.53	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluoroundecanoic acid (PFUnA)	ND		2.0	0.63	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.63	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.63	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorooctanoic acid (PFOA)	ND		2.0	0.50	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorodecanoic acid (PFDA)	ND		2.0	0.60	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0	0.44	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.71	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluoroheptanoic acid (PFHpA)	ND		2.0	0.52	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorononanoic acid (PFNA)	ND		2.0	0.48	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorotetradecanoic acid (PFTeDA)	ND		2.0	0.65	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Perfluorotridecanoic acid (PFTrDA)	ND		2.0	0.60	ng/L		01/16/24 12:40	01/18/24 14:05	1	
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	ND		2.0	0.62	ng/L		01/16/24 12:40	01/18/24 14:05	1	
N-ethylperfluorooctanesulfonamidoac etic acid (NEtFOSAA)	ND		2.0	0.51	ng/L		01/16/24 12:40	01/18/24 14:05	1	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		2.0	0.62	ng/L		01/16/24 12:40	01/18/24 14:05	1	
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	ND		2.0	0.64	ng/L		01/16/24 12:40	01/18/24 14:05	1	
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	ND		2.0	0.64	ng/L		01/16/24 12:40	01/18/24 14:05	1	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.49	ng/L		01/16/24 12:40	01/18/24 14:05	1	

MBL MBL

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed Dil Fac	
13C2 PFHxA	86	70 - 130	01/16/24 12:40 01/18/24 14:05 1	
13C2 PFDA	81	70 - 130	01/16/24 12:40 01/18/24 14:05 1	
13C3 HFPO-DA	84	70 - 130	01/16/24 12:40 01/18/24 14:05 1	
d5-NEtFOSAA	95	70 - 130	01/16/24 12:40 01/18/24 14:05 1	

Lab Sample ID: LLCS 810-85792/2-A

**Matrix: Drinking Water** Analysis Batch: 85941

**Client Sample ID: Lab Control Sample Prep Type: Total/NA** Prep Batch: 85792

Alialysis Dalcii. 00341							Prep Batti	1. 00/32
	Spike	LLCS	LLCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Perfluorooctanesulfonic acid	2.00	1.92	J	ng/L		96	50 - 150	
(PFOS)								
Perfluoroundecanoic acid	2.00	1.95	J	ng/L		98	50 - 150	
(PFUnA)								
Perfluorohexanoic acid (PFHxA)	2.00	2.16		ng/L		108	50 - 150	
Perfluorododecanoic acid	2.00	1.90	J	ng/L		95	50 - 150	
(PFDoA)								
Perfluorooctanoic acid (PFOA)	2.00	1.95	J	ng/L		98	50 - 150	
Perfluorodecanoic acid (PFDA)	2.00	1.97	J	ng/L		99	50 - 150	
Perfluorohexanesulfonic acid	2.00	1.84	J	ng/L		92	50 - 150	
(PFHxS)								
Perfluorobutanesulfonic acid	2.00	1.90	J	ng/L		95	50 - 150	
(PFBS)								
Perfluoroheptanoic acid (PFHpA)	2.00	2.07		ng/L		104	50 - 150	
Perfluorononanoic acid (PFNA)	2.00	2.06		ng/L		103	50 - 150	

**Eurofins Eaton Analytical South Bend** 

Page 9 of 17

1/23/2024

## **QC Sample Results**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water Job ID: 810-90536-1

## Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: LLCS 810-85792/2-A **Client Sample ID: Lab Control Sample Matrix: Drinking Water Prep Type: Total/NA** 

**Analysis Batch: 85941** LLCS LLCS Spike

	Spike	LLCG	LLUJ				/01 <b>\C</b> C	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Perfluorotetradecanoic acid	2.00	1.74	J	ng/L		87	50 - 150	
(PFTeDA)								
Perfluorotridecanoic acid	2.00	1.86	J	ng/L		93	50 - 150	
(PFTrDA)								
N-methylperfluorooctanesulfona	2.00	1.77	J	ng/L		89	50 - 150	
midoacetic acid (NMeFOSAA)								
N-ethylperfluorooctanesulfonami	2.00	1.99	J	ng/L		100	50 - 150	
doacetic acid (NEtFOSAA)								
Hexafluoropropylene Oxide	2.00	1.93	J	ng/L		97	50 - 150	
Dimer Acid (HFPO-DA)								
9-Chlorohexadecafluoro-3-oxan	2.00	1.94	J	ng/L		97	50 - 150	
onane-1-sulfonic acid								
11-Chloroeicosafluoro-3-oxaund	2.00	1.76	J	ng/L		88	50 - 150	
ecane-1-sulfonic acid								
4,8-Dioxa-3H-perfluorononanoic	2.00	1.96	J	ng/L		98	50 - 150	
acid (ADONA)								

LLCS LLCS

Surrogate	%Recovery	Qualifier	Limits
13C2 PFHxA	87		70 - 130
13C2 PFDA	95		70 - 130
13C3 HFPO-DA	88		70 - 130
d5-NEtFOSAA	98		70 - 130

Prep Batch: 85792 %Rec

# **QC Association Summary**

Client: Georgetown Water Department
Project/Site: PFAS - Georgetown Water

Job ID: 810-90536-1

## LCMS

#### Prep Batch: 85792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-90536-1	10015 West St WTP Finish Water	Total/NA	Drinking Water	537.1 DW	
MBL 810-85792/1-A	Method Blank	Total/NA	Drinking Water	537.1 DW	
LLCS 810-85792/2-A	Lab Control Sample	Total/NA	<b>Drinking Water</b>	537.1 DW	

#### **Analysis Batch: 85941**

<b>Lab Sample ID</b> 810-90536-1	Client Sample ID 10015 West St WTP Finish Water	Prep Type Total/NA	Matrix Drinking Water	Method 537.1	Prep Batch 85792
MBL 810-85792/1-A	Method Blank	Total/NA	Drinking Water	537.1	85792
LLCS 810-85792/2-A	Lab Control Sample	Total/NA	Drinking Water	537.1	85792

#### **Analysis Batch: 86399**

_ *					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-90536-1	10015 West St WTP Finish Water	Total/NA	Drinking Water	PFAS6	

.

3

4

5

7

8

9

10

12

#### **Lab Chronicle**

Client: Georgetown Water Department Job ID: 810-90536-1

Project/Site: PFAS - Georgetown Water

Client Sample ID: 10015 West St WTP Finish Water Lab Sample ID: 810-90536-1

Date Collected: 01/11/24 09:45
Date Received: 01/12/24 09:15

Matrix: Drinking Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	537.1 DW			85792	EH	EA SB	01/16/24 12:40
Total/NA	Analysis	537.1		1	85941	BS	EA SB	01/18/24 18:09
Total/NA	Analysis	PFAS6		1	86399	RD	EA SB	01/18/24 18:09

#### **Laboratory References:**

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

3

4

5

7

Q

10

12

. .

# **Accreditation/Certification Summary**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water Job ID: 810-90536-1

## **Laboratory: Eurofins Eaton Analytical South Bend**

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date
Massachusetts	State		M-IN035	06-30-24
The following analyte	s are included in this repo	rt, but the laboratory is not c	ertified by the governing author	ity. This list may include anal
0 ,	s are included in this repo does not offer certification	•	ertified by the governing author	ity. This list may include anal
0 ,	•	•	certified by the governing author  Analyte	ity. This list may include anal

## **Method Summary**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water

Job ID: 810-90536-1

Method	Method Description	Protocol	Laboratory
537.1	Perfluorinated Alkyl Acids (LC/MS)	EPA	EA SB
PFAS6	PFAS6	EPA	EA SB
537.1 DW	Extraction of Perfluorinated Alkyl Acids	EPA	EA SB

#### **Protocol References:**

EPA = US Environmental Protection Agency

#### Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

3

4

**O** 

7

8

10

11

13

14

# **Sample Summary**

Client: Georgetown Water Department Project/Site: PFAS - Georgetown Water

Job ID: 810-90536-1

Lab Sample ID	Client Comple ID	Matrix	Callagtad	Deseived	DIMOID Name to a
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
810-90536-1	10015 West St WTP Finish Water	Drinking Water	01/11/24 09:45	01/12/24 09:15	3105000

3

4

6

R

9

11

12

11

Phone: 574-233-4777 Fax: 574-233-8207					
Client Information	Sampler Codder bus	7	Lab PM Trowbridge, Nathan	Carrier Tracking No(s):	COC No. 810-23546-6626.1
Client Contact Marlene Ladderbush	Proge 38 88 8 4 9	_	E-Mail: Nathan. Trowbridge@et.eurofinsus.com	State of Origin	Page Page 1 of 1
Company: Georgetown Water Department		9705008	Analysis Requested	Requested	Job *
Address: 1 Moulton Street					ıš
City:	TAT Requested (days):				A - HCL N- None B - NaOH O - AsNaO2 C - Zn Acetate D - Na 20 AS
State, ZIP: MA, 01833	Compliance Project: A Yes A No				
Phone 38 3535750	Po #: Purchase Order not required		(c		0
Email: MLadderbush@georgetownma.gov	, #OM				
Project Name: PFAS - Georgetown Water	Project #. 81005404		10 5		
Site. Mrish wTP	SSOW#:		SD (Ye	000	
Complete laboration	Sample		beld Filtered 5 M/2M mooffe BARG_NG_1.70	96609	oro-subsection of Custody
inpre identification	Sample Date	G=grab)   BT=Thesue, A=Air   Preservation Code:	A X		Special Instructions/Note:
10015 West St WTP	1/11   24	C brinking Wate	Z		
Thise water		Drinking Wate	Į.		
(FB) West St WTP	11124	0	×		
Field Blank				In tal Temp:	
				Terrer Territ	Go wet
					30
ant [	Poison B	Radiological	Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)	be assessed if samples are re	tained longer than 1 month)
			Requi	ססמו בא במב	
Empty Kit Relinquished by:	Date:		Time:	Method of Shipment	FED EX
Reinaushed by Reinaushed by	124 1.40	Dim Company	Received by	7	24 915an Company
Reinquished by	Date/Time	Company	Received by.	Date/Time:	Company
			An newspaper		(Company
Custody Seals Intact   Custody Seal No.			Cooler Temperature(s) ond Other Benarks	Domorko	

## **Login Sample Receipt Checklist**

Client: Georgetown Water Department Job Number: 810-90536-1

Login Number: 90536 List Source: Eurofins Eaton Analytical South Bend

List Number: 1

**Creator: Moffitt, Tisha** 

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	