Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

February 25, 2019

Rob King
Hampton Bays Water District
P.O. Box 1013
Hampton Bays, NY 11946

RE: Project: 537 2/13
Pace Project No.: 7079440

Dear Rob King:
Enclosed are the analytical results for sample(s) received by the laboratory on February 13, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stu Murrell
stu.murrell@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Warren Booth, Hampton Bays Water District
John Collins, H2M Group
Stella Michaels, Hampton Bays Water District
Paul Ponturo, H2M Group

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Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

SAMPLE SUMMARY

Project: 537 2/13
Pace Project No.: 7079440

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7079440001	**S-108065**	Drinking Water	02/13/19 09:00	02/13/19 16:30
7079440002	**S-108066**	Drinking Water	02/13/19 09:17	02/13/19 16:30

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WO#:7079440

7079440

1747

(631) 674-3040 Fax: (631) 420-8436

Sample Request Form
PUBLIC WATER SUPPLIER

Date: 2-13-19

Collected By: Lo Booth

Accepted By:

Cooler Temp: 3.4 °C

☒ WELL OFF LINE 4-1, 4-2

2/13/19 1330

☐ WELL RUN TO SYSTEM

☐ YES ☐ NO VOC'S PRESERVED WITH HCl

Rec'd 1630

Client Info:

Name or Code: HAMPTON BAYS WATER DISTRICT P.O. BOX 1013

Address: HAMPTON BAYS, NEW YORK 11946 (631) 728-0179

Phone #:

Attn:

Proj. # or (Name):

Bill To:

Copies To:

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		MW - Monitoring Well	O - Other
S - Soil		I - Influent	
		E - Effluent	

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl_2	Field Readings pH/Temp	Analysis	Lab No.
9:00 2-13-19	GW	WELL 4-1	RW	-	S			PFC's	001
9:00 2-13-19	GW	WELL 4-1	RW	-	S			PFC's	↓
9:17 2-13-19	GW	WELL 4-2	RW	-	S			PFC's	002
9:17 2-13-19	GW	WELL 4-2	RW	-	S			PFC's	↓

Remarks:

Pace Analytical
Long Island Laboratory

Sample Condition Upon Receipt

WO#: 7079440
PM: SWM Due Date: 02/26/19
CLIENT: HBW

Client Name: HBW

Projec

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No **Seals intact:** ☑ Yes ☐ No

Temperature Blank Present: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Type of Ice: Wet Blue None

Thermometer Used: TH091 **Correction Factor:** 0.0

☐ Samples on ice, cooling process has begun

Cooler Temperature (°C): 3.4 **Cooler Temperature Corrected (°C):** 3.4

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: 2/13/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NO

Did samples orignate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☑ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑Yes	☐No		1.
Chain of Custody Filled Out:	☑Yes	☐No		2.
Chain of Custody Relinquished:	☑Yes	☐No		3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No		5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No		6.
Rush Turn Around Time Requested:	☐Yes	☑No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☑Yes	☐No		8.
Correct Containers Used:	☑Yes	☐No		9.
-Pace Containers Used:	☑Yes	☐No		
Containers Intact:	☑Yes	☐No		10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑Yes	☐No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☐Yes	☐No	☑N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐Yes	☐No	☑N/A	Sample #
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: / Lot # of added preservative: / Date/Time preservative added
Samples checked for dechlorination:	☐Yes	☐No	☑N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐Yes	☐No	☑N/A	15.
Trip Blank Present:	☐Yes	☑No	☐N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA 95605
Tel: (916)373-5600

TestAmerica Job ID: 320-47703-1
Client Project/Site: Pace PFAS Testing

For:
Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, New York 11747

Attn: Stu Murrell

Authorized for release by:
2/22/2019 4:08:53 PM

Jill Kellmann, Manager of Project Management
(916)374-4402
jill.kellmann@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Qualifiers

LCMS

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	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
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Job ID: 320-47703-1

Laboratory: TestAmerica Sacramento

Narrative

Receipt
The samples were received on 2/18/2019 9:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 9.7º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria 9.7C S-108065 (320-47703-1) and S-108066 (320-47703-2). Samples were set to be received on Friday 2-15-19 However, they were received on Monday 2/18/19 out of temp with no ice but water.

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

Organic Prep
Method(s) 3535: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 320-276985.

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

Detection Summary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Client Sample ID: S-108065 — Lab Sample ID: 320-47703-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	1.7	J B	1.9	0.33	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	4.1		1.9	0.46	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	3.0		1.9	0.55	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid	1.9		1.9	0.24	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.98	J	1.9	0.80	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.49	J B	1.9	0.16	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	6.3		1.9	0.51	ng/L	1		537 (modified)	Total/NA
6:2 FTS	50		19	1.9	ng/L	1		537 (modified)	Total/NA

Client Sample ID: S-108066 — Lab Sample ID: 320-47703-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	1.0	J B	2.0	0.35	ng/L	1		537 (modified)	Total/NA
Perfluoropentanoic acid (PFPeA)	1.7	J	2.0	0.49	ng/L	1		537 (modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	1.5	J	2.0	0.58	ng/L	1		537 (modified)	Total/NA
Perfluoroheptanoic acid	0.74	J	2.0	0.25	ng/L	1		537 (modified)	Total/NA
Perfluorooctanoic acid (PFOA)	1.2	J	2.0	0.85	ng/L	1		537 (modified)	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.43	J B	2.0	0.17	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	1.7	J	2.0	0.54	ng/L	1		537 (modified)	Total/NA
Perfluorooctanesulfonamide (FOSA)	0.52	J	2.0	0.35	ng/L	1		537 (modified)	Total/NA
6:2 FTS	8.6	J	20	2.0	ng/L	1		537 (modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Client Sample ID: S-108065

Date Collected: 02/13/19 09:00
Date Received: 02/18/19 09:05

Lab Sample ID: 320-47703-1

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**1.7**	**J B**	1.9	0.33	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluoropentanoic acid (PFPeA)	**4.1**		1.9	0.46	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorohexanoic acid (PFHxA)	**3.0**		1.9	0.55	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluoroheptanoic acid	**1.9**		1.9	0.24	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorooctanoic acid (PFOA)	**0.98**	**J**	1.9	0.80	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorononanoic acid (PFNA)	ND		1.9	0.25	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorodecanoic acid (PFDA)	ND		1.9	0.29	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9	1.0	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorododecanoic acid (PFDoA)	ND		1.9	0.52	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorotridecanoic acid (PFTriA)	ND		1.9	1.2	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9	0.27	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9	0.19	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorohexanesulfonic acid (PFHxS)	**0.49**	**J B**	1.9	0.16	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		1.9	0.18	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorooctanesulfonic acid (PFOS)	**6.3**		1.9	0.51	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorodecanesulfonic acid (PFDS)	ND		1.9	0.30	ng/L		02/20/19 05:31	02/21/19 07:07	1
Perfluorooctanesulfonamide (FOSA)	ND		1.9	0.33	ng/L		02/20/19 05:31	02/21/19 07:07	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		19	2.9	ng/L		02/20/19 05:31	02/21/19 07:07	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		19	1.8	ng/L		02/20/19 05:31	02/21/19 07:07	1
6:2 FTS	**50**		19	1.9	ng/L		02/20/19 05:31	02/21/19 07:07	1
8:2 FTS	ND		19	1.9	ng/L		02/20/19 05:31	02/21/19 07:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C5 PFPeA	*106*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C2 PFHxA	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C4 PFHpA	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C4 PFOA	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C5 PFNA	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C2 PFDA	*99*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C2 PFUnA	*99*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C2 PFDoA	*100*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C2 PFTeDA	*87*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C3 PFBS	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
18O2 PFHxS	*107*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C4 PFOS	*101*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
13C8 FOSA	*100*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
d3-NMeFOSAA	*87*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
d5-NEtFOSAA	*93*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
M2-6:2 FTS	*96*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*
M2-8:2 FTS	*87*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:07*	*1*

Client Sample Results

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Client Sample ID: S-108066

Date Collected: 02/13/19 09:17
Date Received: 02/18/19 09:05

Lab Sample ID: 320-47703-2

Matrix: Water

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**1.0**	**J B**	2.0	0.35	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluoropentanoic acid (PFPeA)	**1.7**	**J**	2.0	0.49	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorohexanoic acid (PFHxA)	**1.5**	**J**	2.0	0.58	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluoroheptanoic acid	**0.74**	**J**	2.0	0.25	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorooctanoic acid (PFOA)	**1.2**	**J**	2.0	0.85	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorohexanesulfonic acid (PFHxS)	**0.43**	**J B**	2.0	0.17	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorooctanesulfonic acid (PFOS)	**1.7**	**J**	2.0	0.54	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		02/20/19 05:31	02/21/19 07:15	1
Perfluorooctanesulfonamide (FOSA)	**0.52**	**J**	2.0	0.35	ng/L		02/20/19 05:31	02/21/19 07:15	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		02/20/19 05:31	02/21/19 07:15	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		02/20/19 05:31	02/21/19 07:15	1
6:2 FTS	**8.6**	**J**	20	2.0	ng/L		02/20/19 05:31	02/21/19 07:15	1
8:2 FTS	ND		20	2.0	ng/L		02/20/19 05:31	02/21/19 07:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*98*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C5 PFPeA	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C2 PFHxA	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C4 PFHpA	*104*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C4 PFOA	*104*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C5 PFNA	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C2 PFDA	*104*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C2 PFUnA	*95*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C2 PFDoA	*106*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C2 PFTeDA	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C3 PFBS	*104*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
18O2 PFHxS	*107*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C4 PFOS	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
13C8 FOSA	*98*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
d3-NMeFOSAA	*91*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
d5-NEtFOSAA	*95*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
M2-6:2 FTS	*99*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*
M2-8:2 FTS	*93*		*25 - 150*	*02/20/19 05:31*	*02/21/19 07:15*	*1*

Isotope Dilution Summary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (25-150)	PFPeA (25-150)	PFHxA (25-150)	PFHpA (25-150)	PFOA (25-150)	PFNA (25-150)	PFDA (25-150)	PFUnA (25-150)
320-47703-1	S-108065	98	106	105	103	105	103	99	99
320-47703-2	S-108066	98	103	105	104	104	105	104	95
LCS 320-276985/2-A	Lab Control Sample	104	106	108	110	103	103	108	104
LCSD 320-276985/3-A	Lab Control Sample Dup	103	104	107	109	104	105	108	107
MB 320-276985/1-A	Method Blank	103	104	106	108	103	105	109	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoA (25-150)	PFTDA (25-150)	3C3-PFBS (25-150)	PFHxS (25-150)	PFOS (25-150)	PFOSA (25-150)	d3-NMeFOSAA (25-150)	d5-NEtFOSAA (25-150)
320-47703-1	S-108065	100	87	105	107	101	100	87	93
320-47703-2	S-108066	106	105	104	107	103	98	91	95
LCS 320-276985/2-A	Lab Control Sample	102	107	102	109	104	103	96	97
LCSD 320-276985/3-A	Lab Control Sample Dup	104	109	102	110	106	100	92	102
MB 320-276985/1-A	Method Blank	102	107	104	106	105	102	99	100

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	M262FTS (25-150)	M282FTS (25-150)
320-47703-1	S-108065	96	87
320-47703-2	S-108066	99	93
LCS 320-276985/2-A	Lab Control Sample	100	93
LCSD 320-276985/3-A	Lab Control Sample Dup	91	93
MB 320-276985/1-A	Method Blank	95	92

Surrogate Legend

PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
PFHxA = 13C2 PFHxA
PFHpA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFNA = 13C5 PFNA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDoA = 13C2 PFDoA
PFTDA = 13C2 PFTeDA
13C3-PFBS = 13C3 PFBS
PFHxS = 18O2 PFHxS
PFOS = 13C4 PFOS
PFOSA = 13C8 FOSA
d3-NMeFOSAA = d3-NMeFOSAA
d5-NEtFOSAA = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 320-276985/1-A
Matrix: Water
Analysis Batch: 277200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	0.633	J	2.0	0.35	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluoropentanoic acid (PFPeA)	ND		2.0	0.49	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorohexanoic acid (PFHxA)	ND		2.0	0.58	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluoroheptanoic acid	ND		2.0	0.25	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorooctanoic acid (PFOA)	ND		2.0	0.85	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorononanoic acid (PFNA)	ND		2.0	0.27	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorodecanoic acid (PFDA)	ND		2.0	0.31	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0	1.1	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorododecanoic acid (PFDoA)	ND		2.0	0.55	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorotridecanoic acid (PFTriA)	ND		2.0	1.3	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0	0.29	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0	0.20	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorohexanesulfonic acid (PFHxS)	0.329	J	2.0	0.17	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		2.0	0.19	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0	0.54	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorodecanesulfonic acid (PFDS)	ND		2.0	0.32	ng/L		02/20/19 05:31	02/21/19 05:52	1
Perfluorooctanesulfonamide (FOSA)	ND		2.0	0.35	ng/L		02/20/19 05:31	02/21/19 05:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		20	3.1	ng/L		02/20/19 05:31	02/21/19 05:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		20	1.9	ng/L		02/20/19 05:31	02/21/19 05:52	1
6:2 FTS	ND		20	2.0	ng/L		02/20/19 05:31	02/21/19 05:52	1
8:2 FTS	ND		20	2.0	ng/L		02/20/19 05:31	02/21/19 05:52	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C5 PFPeA	*104*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C2 PFHxA	*106*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C4 PFHpA	*108*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C4 PFOA	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C5 PFNA	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C2 PFDA	*109*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C2 PFUnA	*103*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C2 PFDoA	*102*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C2 PFTeDA	*107*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C3 PFBS	*104*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
18O2 PFHxS	*106*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C4 PFOS	*105*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
13C8 FOSA	*102*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
d3-NMeFOSAA	*99*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
d5-NEtFOSAA	*100*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
M2-6:2 FTS	*95*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*
M2-8:2 FTS	*92*		*25 - 150*	*02/20/19 05:31*	*02/21/19 05:52*	*1*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-276985/2-A
Matrix: Water
Analysis Batch: 277200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorobutanoic acid	40.0	45.8		ng/L		115	70 - 130
Perfluoropentanoic acid (PFPeA)	40.0	41.4		ng/L		104	66 - 126
Perfluorohexanoic acid (PFHxA)	40.0	42.2		ng/L		106	66 - 126
Perfluoroheptanoic acid	40.0	40.7		ng/L		102	66 - 126
Perfluorooctanoic acid (PFOA)	40.0	44.2		ng/L		111	64 - 124
Perfluorononanoic acid (PFNA)	40.0	43.0		ng/L		107	68 - 128
Perfluorodecanoic acid (PFDA)	40.0	39.6		ng/L		99	69 - 129
Perfluoroundecanoic acid (PFUnA)	40.0	39.9		ng/L		100	60 - 120
Perfluorododecanoic acid (PFDoA)	40.0	41.9		ng/L		105	71 - 131
Perfluorotridecanoic acid (PFTriA)	40.0	46.0		ng/L		115	72 - 132
Perfluorotetradecanoic acid (PFTeA)	40.0	39.5		ng/L		99	68 - 128
Perfluorobutanesulfonic acid (PFBS)	35.4	40.6		ng/L		115	73 - 133
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.3		ng/L		100	63 - 123
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	42.4		ng/L		111	68 - 128
Perfluorooctanesulfonic acid (PFOS)	37.1	39.5		ng/L		106	67 - 127
Perfluorodecanesulfonic acid (PFDS)	38.6	42.4		ng/L		110	68 - 128
Perfluorooctanesulfonamide (FOSA)	40.0	41.9		ng/L		105	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	42.5		ng/L		106	67 - 127
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	43.0		ng/L		108	65 - 125
6:2 FTS	37.9	39.8		ng/L		105	66 - 126
8:2 FTS	38.3	41.3		ng/L		108	67 - 127

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*104*		*25 - 150*
13C5 PFPeA	*106*		*25 - 150*
13C2 PFHxA	*108*		*25 - 150*
13C4 PFHpA	*110*		*25 - 150*
13C4 PFOA	*103*		*25 - 150*
13C5 PFNA	*103*		*25 - 150*
13C2 PFDA	*108*		*25 - 150*
13C2 PFUnA	*104*		*25 - 150*
13C2 PFDoA	*102*		*25 - 150*
13C2 PFTeDA	*107*		*25 - 150*
13C3 PFBS	*102*		*25 - 150*
18O2 PFHxS	*109*		*25 - 150*
13C4 PFOS	*104*		*25 - 150*
13C8 FOSA	*103*		*25 - 150*
d3-NMeFOSAA	*96*		*25 - 150*
d5-NEtFOSAA	*97*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 320-276985/2-A
Matrix: Water
Analysis Batch: 277200

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276985

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*100*		*25 - 150*
M2-8:2 FTS	*93*		*25 - 150*

Lab Sample ID: LCSD 320-276985/3-A
Matrix: Water
Analysis Batch: 277200

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorobutanoic acid	40.0	46.3		ng/L		116	70 - 130	1	30
Perfluoropentanoic acid (PFPeA)	40.0	42.9		ng/L		107	66 - 126	4	30
Perfluorohexanoic acid (PFHxA)	40.0	42.5		ng/L		106	66 - 126	1	30
Perfluoroheptanoic acid	40.0	41.7		ng/L		104	66 - 126	2	30
Perfluorooctanoic acid (PFOA)	40.0	43.3		ng/L		108	64 - 124	2	30
Perfluorononanoic acid (PFNA)	40.0	43.5		ng/L		109	68 - 128	1	30
Perfluorodecanoic acid (PFDA)	40.0	39.9		ng/L		100	69 - 129	1	30
Perfluoroundecanoic acid (PFUnA)	40.0	39.3		ng/L		98	60 - 120	2	30
Perfluorododecanoic acid (PFDoA)	40.0	42.0		ng/L		105	71 - 131	0	30
Perfluorotridecanoic acid (PFTriA)	40.0	44.5		ng/L		111	72 - 132	3	30
Perfluorotetradecanoic acid (PFTeA)	40.0	40.0		ng/L		100	68 - 128	1	30
Perfluorobutanesulfonic acid (PFBS)	35.4	40.4		ng/L		114	73 - 133	1	30
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.2		ng/L		100	63 - 123	0	30
Perfluoroheptanesulfonic Acid (PFHpS)	38.1	40.7		ng/L		107	68 - 128	4	30
Perfluorooctanesulfonic acid (PFOS)	37.1	39.9		ng/L		107	67 - 127	1	30
Perfluorodecanesulfonic acid (PFDS)	38.6	42.0		ng/L		109	68 - 128	1	30
Perfluorooctanesulfonamide (FOSA)	40.0	43.0		ng/L		108	70 - 130	3	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	40.0	42.5		ng/L		106	67 - 127	0	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	40.0	39.9		ng/L		100	65 - 125	7	30
6:2 FTS	37.9	46.4		ng/L		122	66 - 126	15	30
8:2 FTS	38.3	41.0		ng/L		107	67 - 127	1	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
13C4 PFBA	*103*		*25 - 150*
13C5 PFPeA	*104*		*25 - 150*
13C2 PFHxA	*107*		*25 - 150*
13C4 PFHpA	*109*		*25 - 150*
13C4 PFOA	*104*		*25 - 150*
13C5 PFNA	*105*		*25 - 150*
13C2 PFDA	*108*		*25 - 150*
13C2 PFUnA	*107*		*25 - 150*

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCSD 320-276985/3-A
Matrix: Water
Analysis Batch: 277200

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276985

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C2 PFDoA	104		25 - 150
13C2 PFTeDA	109		25 - 150
13C3 PFBS	102		25 - 150
18O2 PFHxS	110		25 - 150
13C4 PFOS	106		25 - 150
13C8 FOSA	100		25 - 150
d3-NMeFOSAA	92		25 - 150
d5-NEtFOSAA	102		25 - 150
M2-6:2 FTS	91		25 - 150
M2-8:2 FTS	93		25 - 150

QC Association Summary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

LCMS

Prep Batch: 276985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-47703-1	S-108065	Total/NA	Water	3535	
320-47703-2	S-108066	Total/NA	Water	3535	
MB 320-276985/1-A	Method Blank	Total/NA	Water	3535	
LCS 320-276985/2-A	Lab Control Sample	Total/NA	Water	3535	
LCSD 320-276985/3-A	Lab Control Sample Dup	Total/NA	Water	3535	

Analysis Batch: 277200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-47703-1	S-108065	Total/NA	Water	537 (modified)	276985
320-47703-2	S-108066	Total/NA	Water	537 (modified)	276985
MB 320-276985/1-A	Method Blank	Total/NA	Water	537 (modified)	276985
LCS 320-276985/2-A	Lab Control Sample	Total/NA	Water	537 (modified)	276985
LCSD 320-276985/3-A	Lab Control Sample Dup	Total/NA	Water	537 (modified)	276985

Lab Chronicle

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Client Sample ID: S-108065

Lab Sample ID: 320-47703-1
Matrix: Water

Date Collected: 02/13/19 09:00
Date Received: 02/18/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			265.1 mL	10.00 mL	276985	02/20/19 05:31	MNV	TAL SAC
Total/NA	Analysis	537 (modified)		1			277200	02/21/19 07:07	D1R	TAL SAC

Client Sample ID: S-108066

Lab Sample ID: 320-47703-2
Matrix: Water

Date Collected: 02/13/19 09:17
Date Received: 02/18/19 09:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3535			251.3 mL	10.00 mL	276985	02/20/19 05:31	MNV	TAL SAC
Total/NA	Analysis	537 (modified)		1			277200	02/21/19 07:15	D1R	TAL SAC

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Laboratory: TestAmerica Sacramento

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	11666	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
537 (modified)	3535	Water	6:2 FTS
537 (modified)	3535	Water	8:2 FTS
537 (modified)	3535	Water	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)
537 (modified)	3535	Water	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)
537 (modified)	3535	Water	Perfluorobutanesulfonic acid (PFBS)
537 (modified)	3535	Water	Perfluorobutanoic acid
537 (modified)	3535	Water	Perfluorodecanesulfonic acid (PFDS)
537 (modified)	3535	Water	Perfluorodecanoic acid (PFDA)
537 (modified)	3535	Water	Perfluorododecanoic acid (PFDoA)
537 (modified)	3535	Water	Perfluoroheptanesulfonic Acid (PFHpS)
537 (modified)	3535	Water	Perfluoroheptanoic acid
537 (modified)	3535	Water	Perfluorohexanesulfonic acid (PFHxS)
537 (modified)	3535	Water	Perfluorohexanoic acid (PFHxA)
537 (modified)	3535	Water	Perfluorononanoic acid (PFNA)
537 (modified)	3535	Water	Perfluorooctanesulfonamide (FOSA)
537 (modified)	3535	Water	Perfluorooctanesulfonic acid (PFOS)
537 (modified)	3535	Water	Perfluorooctanoic acid (PFOA)
537 (modified)	3535	Water	Perfluoropentanoic acid (PFPeA)
537 (modified)	3535	Water	Perfluorotetradecanoic acid (PFTeA)
537 (modified)	3535	Water	Perfluorotridecanoic acid (PFTriA)
537 (modified)	3535	Water	Perfluoroundecanoic acid (PFUnA)

Method Summary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	TAL SAC
3535	Solid-Phase Extraction (SPE)	SW846	TAL SAC

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Pace Analytical Services, LLC
Project/Site: Pace PFAS Testing

TestAmerica Job ID: 320-47703-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-47703-1	S-108065	Water	02/13/19 09:00	02/18/19 09:05
320-47703-2	S-108066	Water	02/13/19 09:17	02/18/19 09:05

Chain of Custody

Pace Analytical®
www.pacelabs.com

Workorder: 7079440 **Workorder Name:** 537 2/13 **Results Requested By:** 2/26/2019

Report / Invoice To

Stu Murrell
Pace Analytical Melville
575 Broad Hollow Road
Melville, NY 11747
Phone (631)694-3040
Email: stu.murrell@pacelabs.com

Subcontract To

TestAmerica Sacramento
880 Riverside Parkway
West Sacramento, CA
95605-1500

P.O. 7079440SWM

State of Sample Origin: NY

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved						Requested Analysis: Subcontracted Method 537												LAB USE ONLY
* 1	S-108065	2/13/2019 09:00	7079440001	Drinking							X												
* 2	S-108066	2/13/2019 09:17	7079440002	Drinking							X												
3																							
4																							
5																							

Transfers	Released By	Date/Time	Received By	Date/Time
1	[illegible]	2/14/19 1800	[illegible] TAW Sac	18 Feb 19 905
2				
3				

Comments

Cooler Temperature on Receipt 9.7 °C **Custody Seal** ~~Y~~ or N N/A **Received on Ice** Y or ~~N~~ **Samples Intact** ~~Y~~ or N

320-47703 Chain of Custody

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* Samples out of temp. All ice melted, samples received in water. 18Feb19

Login Sample Receipt Checklist

Client: Pace Analytical Services, LLC

Job Number: 320-47703-1

Login Number: 47703
List Number: 1
Creator: Nelson, Kym D

List Source: TestAmerica Sacramento

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	9.7C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
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	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	