



# Laboratory Results

Results for the samples and analytes requested  
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

**Hampton Bays Water District**  
**P.O. Box 1013**  
**Hampton Bays, NY 11946**  
**Attn To : Rob King**

**Lab No. : 70105433001**  
**Client Sample ID.: S-15687**

Federal ID : 5103704  
 Collected : 09/18/2019 08:40 AM Point S-15687  
 Received : 09/18/2019 03:30 PM Location Well #1-1  
 Collected By CLIENT

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	<0.020		1	mg/L	0.3	10/02/2019 1:00 PM	001 BP4N1/1
Manganese	0.048		1	mg/L	0.3	10/02/2019 1:00 PM	001 BP4N1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.5		10	mg/L	10	09/19/2019 7:15 PM	001 BP4U1/1
Nitrate-Nitrite (as N)	3.5	M6	10	mg/L		09/19/2019 7:15 PM	001 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	09/18/2019 9:56 PM	001 BP4U1/1

Analytical Method:SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 09/18/2019 6:31 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	09/19/2019 12:31	001 SP5T1/1
Total Coliforms	Absent		1		Absent	09/19/2019 12:31	001 SP5T1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
 ND - Not Detected at or above adjusted reporting limit.  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
 U - Indicates the compound was analyzed for, but not detected  
 See qualifiers page for additional qualifier definitions.

Stu Murrell

Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) reported meet(s) NYS Regulatory Limit(s).  
 Result(s) flagged with \* Exceed NYS Regulatory Limit(s). Limit Noted.



# Laboratory Results

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### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

**Hampton Bays Water District**  
**P.O. Box 1013**  
**Hampton Bays, NY 11946**  
**Attn To : Rob King**

**Lab No. : 70105433002**  
**Client Sample ID.: S-24848**

Federal ID : 5103704  
 Collected : 09/18/2019 08:35 AM Point S-24848  
 Received : 09/18/2019 03:30 PM Location Well #1-2  
 Collected By CLIENT

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	<0.020		1	mg/L	0.3	10/02/2019 1:05 PM	002 BP4N1/1
Manganese	0.29		1	mg/L	0.3	10/02/2019 1:05 PM	002 BP4N1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	8.4		10	mg/L	10	09/19/2019 7:19 PM	002 BP4U1/1
Nitrate-Nitrite (as N)	8.4		10	mg/L		09/19/2019 7:19 PM	002 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	09/18/2019 9:57 PM	002 BP4U1/1

Analytical Method:SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 09/18/2019 6:31 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	09/19/2019 12:31	002 SP5T1/1
Total Coliforms	Absent		1		Absent	09/19/2019 12:31	002 SP5T1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
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Date Reported: 10/07/2019



# Laboratory Results

Results for the samples and analytes requested  
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

**Hampton Bays Water District**  
**P.O. Box 1013**  
**Hampton Bays, NY 11946**  
**Attn To : Rob King**

**Lab No. : 70105433003**  
**Client Sample ID.: S-31636**

Federal ID : 5103704  
 Collected : 09/18/2019 08:05 AM Point S-31636  
 Received : 09/18/2019 03:30 PM Location Well #1-3  
 Collected By CLIENT

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	<0.020		1	mg/L	0.3	10/02/2019 1:08 PM	003 BP4N1/1
Manganese	0.015		1	mg/L	0.3	10/02/2019 1:08 PM	003 BP4N1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.9		10	mg/L	10	09/19/2019 7:20 PM	003 BP4U1/1
Nitrate-Nitrite (as N)	3.9		10	mg/L		09/19/2019 7:20 PM	003 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	09/18/2019 9:58 PM	003 BP4U1/1

Analytical Method:SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 09/18/2019 6:31 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	09/19/2019 12:31	003 SP5T1/1
Total Coliforms	Absent		1		Absent	09/19/2019 12:31	003 SP5T1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
 ND - Not Detected at or above adjusted reporting limit.  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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Result(s) reported meet(s) NYS Regulatory Limit(s).  
 Result(s) flagged with \* Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/07/2019



# Laboratory Results

Results for the samples and analytes requested  
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

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

Lab No. : 70105433004  
 Client Sample ID.: BLEND INF

Federal ID : 5103704  
 Collected : 09/18/2019 08:25 AM Point BLEND INF  
 Received : 09/18/2019 03:30 PM Location  
 Collected By CLIENT

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	<0.020		1	mg/L	0.3	10/02/2019 1:12 PM	004 BP4N1/1
Manganese	0.084		1	mg/L	0.3	10/02/2019 1:12 PM	004 BP4N1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	3.7		10	mg/L	10	09/19/2019 7:21 PM	004 BP4U1/1
Nitrate-Nitrite (as N)	3.7		10	mg/L		09/19/2019 7:21 PM	004 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	09/18/2019 10:00	004 BP4U1/1

Analytical Method:SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 09/18/2019 6:31 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	09/19/2019 12:31	004 SP5T1/1
Total Coliforms	Absent		1		Absent	09/19/2019 12:31	004 SP5T1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
 ND - Not Detected at or above adjusted reporting limit.  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
 U - Indicates the compound was analyzed for, but not detected

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Result(s) reported meet(s) NYS Regulatory Limit(s).  
 Result(s) flagged with \* Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/07/2019



# Laboratory Results

Results for the samples and analytes requested  
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### Sample Information:

Type: Drinking Water  
 Origin: Treated Well  
 Routine

**Hampton Bays Water District**  
**P.O. Box 1013**  
**Hampton Bays, NY 11946**  
**Attn To : Rob King**

**Lab No. : 70105433005**  
**Client Sample ID.: BLEND EFF**

Federal ID : 5103704  
 Collected : 09/18/2019 08:15 AM Point BLEND EFF  
 Received : 09/18/2019 03:30 PM Location  
 Collected By CLIENT

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	<0.020		1	mg/L	0.3	10/02/2019 1:13 PM	005 BP4N1/1
Manganese	0.035		1	mg/L	0.3	10/02/2019 1:13 PM	005 BP4N1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	4.1		10	mg/L	10	09/19/2019 7:23 PM	005 BP4U1/1
Nitrate-Nitrite (as N)	4.1		10	mg/L		09/19/2019 7:23 PM	005 BP4U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	09/18/2019 10:01	005 BP4U1/1

Analytical Method:SM22 9223B Colilert Prep Method: SM22 9223B Colilert Prep Date: 09/18/2019 6:31 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
E.coli	Absent		1		Absent	09/19/2019 12:31	005 SP5T1/1
Total Coliforms	Absent		1		Absent	09/19/2019 12:31	005 SP5T1/1

Qualifiers:

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 Result(s) flagged with \* Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/07/2019



575 Broad Hollow Road, Melville, NY 11747  
 TEL: (631) 694-3040 FAX: (631) 420-8436  
[www.pacelabs.com](http://www.pacelabs.com)

## Laboratory Results

Results for the samples and analytes requested  
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### Sample Information:

Type: Drinking Water  
 Origin: Raw Well  
 Routine

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

Lab No. : 70105433006  
 Client Sample ID.: S-108065

Federal ID : 5103704  
 Collected : 09/18/2019 10:00 AM Point S-108065  
 Received : 09/18/2019 03:30 PM Location Well #4-1  
 Collected By CLIENT

### Analytical Method: EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	0.85*		1	mg/L	0.3	10/02/2019 1:14 PM	006 BP4N1/1
Manganese	0.14		1	mg/L	0.3	10/02/2019 1:14 PM	006 BP4N1/1

### Qualifiers:

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Date Reported: 10/07/2019



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# Laboratory Results

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**Sample Information:**

Type: Drinking Water  
 Origin: Raw Well  
 Routine

**Hampton Bays Water District**  
**P.O. Box 1013**  
**Hampton Bays, NY 11946**  
**Attn To : Rob King**

**Lab No. : 70105433007**  
**Client Sample ID.: S-108066**

Federal ID : 5103704  
 Collected : 09/18/2019 10:00 AM Point S-108066  
 Received : 09/18/2019 03:30 PM Location Well #4-2  
 Collected By CLIENT

Analytical Method: EPA 200.7

<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
Iron	1.2*		1	mg/L	0.3	10/02/2019 1:15 PM	007 BP4N1/1
Manganese	0.13		1	mg/L	0.3	10/02/2019 1:15 PM	007 BP4N1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
 ND - Not Detected at or above adjusted reporting limit.  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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 Result(s) flagged with \* Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 10/07/2019



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## Laboratory Results

Results for the samples and analytes requested  
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

### Sample Information:

Type: Drinking Water  
 Origin: Distribution  
 Routine

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

Lab No. : 70105433008  
 Client Sample ID.: S-108065/108066

Federal ID : 5103704  
 Collected : 09/18/2019 10:00 AM Point S-108065/108066  
 Received : 09/18/2019 03:30 PM Location Well #4-1/4-2  
 Collected By CLIENT

Analytical Method: EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Iron	0.94*		1	mg/L	0.3	10/02/2019 1:16 PM	008 BP4N1/1
Manganese	0.067		1	mg/L	0.3	10/02/2019 1:16 PM	008 BP4N1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.  
 ND - Not Detected at or above adjusted reporting limit.  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range  
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**WorkOrder :**  
70105433

## Laboratory Certifications

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### **Long Island Certification IDs**

575 Broad Hollow Rd, Melville, NY 11747  
New York Certification #: 10478 Primary Accrediting Body  
New Jersey Certification #: NY158  
Pennsylvania Certification #: 68-00350  
Connecticut Certification #: PH-0435  
Maryland Certification #: 208  
Rhode Island Certification #: LAO00340  
Massachusetts Certification #: M-NY026  
New Hampshire Certification #: 2987



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**WorkOrder :**  
70105433

## Qualifiers

---

M6 - Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

WO#: 70105433



11747  
36

# Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

Date: 9-18-19  
 Collected By: W. Booth 9/18/19  WELL RUN TO SYSTEM  
 Accepted By: [Signature] 1325  
 Cooler Temp: 3.5 °C

**Client Info:**  
 Name or Code: HAMPTON BAYS WATER DISTRICT  
PO-BOX 4013  
 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 <sub>2</sub> pH/Temp	Analysis	Lab No.
8:40 9-18-19	GW	WELL 1-1	RW	-	RO	-	BACT, N/N, IRON/MANG., PFC's	001
8:25 9-18-19	GW	WELL 1-2	RW	-	RO	-	BACT, N/N, IRON/MANG., PFC's	002
8:05 9-18-19	GW	WELL 1-3	RW	-	RO	-	BACT, N/N, IRON/MANG., PFC's	003
8:25 9-19-19	GW	BLEND. INF	RW	-	RO	-	BACT, N/N, IRON/MANG., PFC's	004
8:15 9-18-19	PW	BLEND. EFF	D	-	RO	1.51 7.40	BACT, N/N, IRON/MANG., PFC's	005
10:00 9-18-19	GW	WELL 4-1	RW	-	RO	-	IRON/MANG.	006
10:00 9-18-19	GW	WELL 4-2	RW	-	RO	-	IRON/MANG.	007
9-18-19	PW	BLEND 4-1, 4-2	D	-	RO	1.87 7.17	IRON/MANG.	008

Remarks:



Sample Condition Upon Receipt

WO#: 70105433

Client Name: HBW

PM: SWM Due Date: 10/18/19
CLIENT: HBW

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #:
Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No

Packing Material: Bubble Wrap Bubble Bags Ziploc None Other
Thermometer Used: TH091 Correction Factor: +0.2
Cooler Temperature (C): 3.5 Cooler Temperature Corrected (C): 3.7

Temp should be above freezing to 6.0C
USDA Regulated Soil: N/A, water sample
Date and Initials of person examining contents: 9/18/19

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 originate 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.

Table with 16 rows and 3 columns. Columns include checkboxes for 'Yes', 'No', 'N/A', and a 'COMMENTS' column. Rows cover various sample handling and analysis steps like 'Chain of Custody Present', 'Samples Arrived within Hold Time', 'Filtered volume received for Dissolved tests', etc.

Client Notification/ Resolution:
Person Contacted:
Comments/ Resolution:
Field Data Required? Y / N
Date/Time:



## ANALYTICAL REPORT

Eurofins TestAmerica, Burlington  
30 Community Drive  
Suite 11  
South Burlington, VT 05403  
Tel: (802)660-1990

Laboratory Job ID: 200-50651-1  
Laboratory Sample Delivery Group: 70105433  
Client Project/Site: PFAS, NY DW

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

Attn: Stu Murrell



Authorized for release by:  
9/30/2019 6:00:47 PM  
Don Dawicki, Lab Director  
(802)660-1990  
[don.dawicki@testamericainc.com](mailto:don.dawicki@testamericainc.com)

Designee for  
Lori Arnold, Manager of Project Management  
(802)923-1043  
[lori.arnold@testamericainc.com](mailto:lori.arnold@testamericainc.com)

### LINKS

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[www.testamericainc.com](http://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.*



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Detection Summary . . . . .	5
Client Sample Results . . . . .	6
Isotope Dilution 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 . . . . .	18

# Definitions/Glossary

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

## Qualifiers

### LCMS

Qualifier	Qualifier Description
*	Isotope Dilution analyte is outside acceptance limits.
U	Indicates the analyte was analyzed for but not detected.

## 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: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

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**Job ID: 200-50651-1**

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**Laboratory: Eurofins TestAmerica, Burlington**

## Narrative

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**Job Narrative**  
**200-50651-1**

### Comments

No additional comments.

### Receipt

The samples were received on 9/20/2019 10:43 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5° C.

### LCMS

Method(s) 25101:2009: 13C4 PFOA, 13C4 PFOS and 13C4 PFHpA Isotope Dilution Analyte (IDA) recovery is above the method recommended limit for the following sample: MB 200-147731/1-A. Quantitation by isotope dilution generally precludes any adverse effect on data quality due to elevated IDA recoveries.

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: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

## Client Sample ID: S-15687

## Lab Sample ID: 200-50651-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	9.24		1.83		ng/L	1		25101:2009	Total/NA
Perfluorooctanoic acid (PFOA)	11.4		1.83		ng/L	1		25101:2009	Total/NA
Perfluorononanoic acid (PFNA)	14.8		1.83		ng/L	1		25101:2009	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.29		1.83		ng/L	1		25101:2009	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	28.1		1.83		ng/L	1		25101:2009	Total/NA
Perfluorooctanesulfonic acid (PFOS)	206		1.83		ng/L	1		25101:2009	Total/NA

## Client Sample ID: S-24848

## Lab Sample ID: 200-50651-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	4.90		1.83		ng/L	1		25101:2009	Total/NA
Perfluorooctanoic acid (PFOA)	7.43		1.83		ng/L	1		25101:2009	Total/NA
Perfluorononanoic acid (PFNA)	21.3		1.83		ng/L	1		25101:2009	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.48		1.83		ng/L	1		25101:2009	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	17.2		1.83		ng/L	1		25101:2009	Total/NA
Perfluorooctanesulfonic acid (PFOS)	91.2		1.83		ng/L	1		25101:2009	Total/NA

## Client Sample ID: S-31636

## Lab Sample ID: 200-50651-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	5.65		1.88		ng/L	1		25101:2009	Total/NA
Perfluorooctanoic acid (PFOA)	6.23		1.88		ng/L	1		25101:2009	Total/NA
Perfluorononanoic acid (PFNA)	4.60		1.88		ng/L	1		25101:2009	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.93		1.88		ng/L	1		25101:2009	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	21.0		1.88		ng/L	1		25101:2009	Total/NA
Perfluorooctanesulfonic acid (PFOS)	38.1		1.88		ng/L	1		25101:2009	Total/NA

## Client Sample ID: BLEND INF

## Lab Sample ID: 200-50651-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid (PFHpA)	6.06		1.84		ng/L	1		25101:2009	Total/NA
Perfluorooctanoic acid (PFOA)	7.85		1.84		ng/L	1		25101:2009	Total/NA
Perfluorononanoic acid (PFNA)	10.9		1.84		ng/L	1		25101:2009	Total/NA
Perfluorobutanesulfonic acid (PFBS)	3.51		1.84		ng/L	1		25101:2009	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	21.0		1.84		ng/L	1		25101:2009	Total/NA
Perfluorooctanesulfonic acid (PFOS)	90.3		1.84		ng/L	1		25101:2009	Total/NA

## Client Sample ID: BLEND EFF

## Lab Sample ID: 200-50651-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

**Client Sample ID: S-15687**

**Lab Sample ID: 200-50651-1**

Date Collected: 09/18/19 08:40

Matrix: Water

Date Received: 09/20/19 10:43

**Method: 25101:2009 - Fluorinated Alkyl Substances**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	9.24		1.83		ng/L		09/25/19 11:13	09/26/19 20:50	1
Perfluorooctanoic acid (PFOA)	11.4		1.83		ng/L		09/25/19 11:13	09/26/19 20:50	1
Perfluorononanoic acid (PFNA)	14.8		1.83		ng/L		09/25/19 11:13	09/26/19 20:50	1
Perfluorobutanesulfonic acid (PFBS)	2.29		1.83		ng/L		09/25/19 11:13	09/26/19 20:50	1
Perfluorohexanesulfonic acid (PFHxS)	28.1		1.83		ng/L		09/25/19 11:13	09/26/19 20:50	1
Perfluorooctanesulfonic acid (PFOS)	206		1.83		ng/L		09/25/19 11:13	09/26/19 20:50	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	85		50 - 150				09/25/19 11:13	09/26/19 20:50	1
13C4 PFHpA	64		50 - 150				09/25/19 11:13	09/26/19 20:50	1
13C4 PFOA	99		70 - 130				09/25/19 11:13	09/26/19 20:50	1
13C4 PFOS	94		70 - 130				09/25/19 11:13	09/26/19 20:50	1
13C5 PFNA	101		50 - 150				09/25/19 11:13	09/26/19 20:50	1

**Client Sample ID: S-24848**

**Lab Sample ID: 200-50651-2**

Date Collected: 09/18/19 08:35

Matrix: Water

Date Received: 09/20/19 10:43

**Method: 25101:2009 - Fluorinated Alkyl Substances**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	4.90		1.83		ng/L		09/25/19 11:13	09/26/19 20:58	1
Perfluorooctanoic acid (PFOA)	7.43		1.83		ng/L		09/25/19 11:13	09/26/19 20:58	1
Perfluorononanoic acid (PFNA)	21.3		1.83		ng/L		09/25/19 11:13	09/26/19 20:58	1
Perfluorobutanesulfonic acid (PFBS)	2.48		1.83		ng/L		09/25/19 11:13	09/26/19 20:58	1
Perfluorohexanesulfonic acid (PFHxS)	17.2		1.83		ng/L		09/25/19 11:13	09/26/19 20:58	1
Perfluorooctanesulfonic acid (PFOS)	91.2		1.83		ng/L		09/25/19 11:13	09/26/19 20:58	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	82		50 - 150				09/25/19 11:13	09/26/19 20:58	1
13C4 PFHpA	60		50 - 150				09/25/19 11:13	09/26/19 20:58	1
13C4 PFOA	92		70 - 130				09/25/19 11:13	09/26/19 20:58	1
13C4 PFOS	89		70 - 130				09/25/19 11:13	09/26/19 20:58	1
13C5 PFNA	100		50 - 150				09/25/19 11:13	09/26/19 20:58	1

**Client Sample ID: S-31636**

**Lab Sample ID: 200-50651-3**

Date Collected: 09/18/19 08:05

Matrix: Water

Date Received: 09/20/19 10:43

**Method: 25101:2009 - Fluorinated Alkyl Substances**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	5.65		1.88		ng/L		09/25/19 11:13	09/26/19 21:06	1
Perfluorooctanoic acid (PFOA)	6.23		1.88		ng/L		09/25/19 11:13	09/26/19 21:06	1
Perfluorononanoic acid (PFNA)	4.60		1.88		ng/L		09/25/19 11:13	09/26/19 21:06	1
Perfluorobutanesulfonic acid (PFBS)	4.93		1.88		ng/L		09/25/19 11:13	09/26/19 21:06	1
Perfluorohexanesulfonic acid (PFHxS)	21.0		1.88		ng/L		09/25/19 11:13	09/26/19 21:06	1

Eurofins TestAmerica, Burlington

# Client Sample Results

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

**Client Sample ID: S-31636**

**Lab Sample ID: 200-50651-3**

Date Collected: 09/18/19 08:05

Matrix: Water

Date Received: 09/20/19 10:43

**Method: 25101:2009 - Fluorinated Alkyl Substances (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	38.1		1.88		ng/L		09/25/19 11:13	09/26/19 21:06	1
<b>Isotope Dilution</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
18O2 PFHxS	80		50 - 150				09/25/19 11:13	09/26/19 21:06	1
13C4 PFHpA	65		50 - 150				09/25/19 11:13	09/26/19 21:06	1
13C4 PFOA	103		70 - 130				09/25/19 11:13	09/26/19 21:06	1
13C4 PFOS	99		70 - 130				09/25/19 11:13	09/26/19 21:06	1
13C5 PFNA	109		50 - 150				09/25/19 11:13	09/26/19 21:06	1

**Client Sample ID: BLEND INF**

**Lab Sample ID: 200-50651-4**

Date Collected: 09/18/19 08:25

Matrix: Water

Date Received: 09/20/19 10:43

**Method: 25101:2009 - Fluorinated Alkyl Substances**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	6.06		1.84		ng/L		09/25/19 11:13	09/26/19 21:15	1
Perfluorooctanoic acid (PFOA)	7.85		1.84		ng/L		09/25/19 11:13	09/26/19 21:15	1
Perfluorononanoic acid (PFNA)	10.9		1.84		ng/L		09/25/19 11:13	09/26/19 21:15	1
Perfluorobutanesulfonic acid (PFBS)	3.51		1.84		ng/L		09/25/19 11:13	09/26/19 21:15	1
Perfluorohexanesulfonic acid (PFHxS)	21.0		1.84		ng/L		09/25/19 11:13	09/26/19 21:15	1
Perfluorooctanesulfonic acid (PFOS)	90.3		1.84		ng/L		09/25/19 11:13	09/26/19 21:15	1
<b>Isotope Dilution</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
18O2 PFHxS	85		50 - 150				09/25/19 11:13	09/26/19 21:15	1
13C4 PFHpA	68		50 - 150				09/25/19 11:13	09/26/19 21:15	1
13C4 PFOA	105		70 - 130				09/25/19 11:13	09/26/19 21:15	1
13C4 PFOS	97		70 - 130				09/25/19 11:13	09/26/19 21:15	1
13C5 PFNA	109		50 - 150				09/25/19 11:13	09/26/19 21:15	1

**Client Sample ID: BLEND EFF**

**Lab Sample ID: 200-50651-5**

Date Collected: 09/18/19 08:15

Matrix: Water

Date Received: 09/20/19 10:43

**Method: 25101:2009 - Fluorinated Alkyl Substances**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	1.86	U	1.86		ng/L		09/25/19 11:13	09/26/19 21:23	1
Perfluorooctanoic acid (PFOA)	1.86	U	1.86		ng/L		09/25/19 11:13	09/26/19 21:23	1
Perfluorononanoic acid (PFNA)	1.86	U	1.86		ng/L		09/25/19 11:13	09/26/19 21:23	1
Perfluorobutanesulfonic acid (PFBS)	1.86	U	1.86		ng/L		09/25/19 11:13	09/26/19 21:23	1
Perfluorohexanesulfonic acid (PFHxS)	1.86	U	1.86		ng/L		09/25/19 11:13	09/26/19 21:23	1
Perfluorooctanesulfonic acid (PFOS)	1.86	U	1.86		ng/L		09/25/19 11:13	09/26/19 21:23	1
<b>Isotope Dilution</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
18O2 PFHxS	92		50 - 150				09/25/19 11:13	09/26/19 21:23	1
13C4 PFHpA	70		50 - 150				09/25/19 11:13	09/26/19 21:23	1
13C4 PFOA	107		70 - 130				09/25/19 11:13	09/26/19 21:23	1
13C4 PFOS	105		70 - 130				09/25/19 11:13	09/26/19 21:23	1
13C5 PFNA	119		50 - 150				09/25/19 11:13	09/26/19 21:23	1

Eurofins TestAmerica, Burlington

# Isotope Dilution Summary

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

## Method: 25101:2009 - Fluorinated Alkyl Substances

Matrix: Water

Prep Type: Total/NA

### Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Isotope Dilution Recovery (Acceptance Limits)				
		PFHxS (50-150)	PFHpA (50-150)	PFOA (70-130)	PFOS (70-130)	PFNA (50-150)
200-50651-1	S-15687	85	64	99	94	101
200-50651-2	S-24848	82	60	92	89	100
200-50651-3	S-31636	80	65	103	99	109
200-50651-4	BLEND INF	85	68	105	97	109
200-50651-5	BLEND EFF	92	70	107	105	119
LCS 200-147731/2-A	Lab Control Sample	105	108	111	105	110
LCSD 200-147731/3-A	Lab Control Sample Dup	90	96	94	87	96
MB 200-147731/1-A	Method Blank	137	152 *	153 *	137 *	145

#### Surrogate Legend

PFHxS = 18O2 PFHxS  
PFHpA = 13C4 PFHpA  
PFOA = 13C4 PFOA  
PFOS = 13C4 PFOS  
PFNA = 13C5 PFNA

# QC Sample Results

Client: Pace Analytical Services, LLC  
 Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
 SDG: 70105433

## Method: 25101:2009 - Fluorinated Alkyl Substances

**Lab Sample ID: MB 200-147731/1-A**  
**Matrix: Water**  
**Analysis Batch: 147809**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 147731**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00		ng/L		09/25/19 11:13	09/26/19 20:25	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00		ng/L		09/25/19 11:13	09/26/19 20:25	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00		ng/L		09/25/19 11:13	09/26/19 20:25	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00		ng/L		09/25/19 11:13	09/26/19 20:25	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00		ng/L		09/25/19 11:13	09/26/19 20:25	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00		ng/L		09/25/19 11:13	09/26/19 20:25	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	137		50 - 150	09/25/19 11:13	09/26/19 20:25	1
13C4 PFHpA	152 *		50 - 150	09/25/19 11:13	09/26/19 20:25	1
13C4 PFOA	153 *		70 - 130	09/25/19 11:13	09/26/19 20:25	1
13C4 PFOS	137 *		70 - 130	09/25/19 11:13	09/26/19 20:25	1
13C5 PFNA	145		50 - 150	09/25/19 11:13	09/26/19 20:25	1

**Lab Sample ID: LCS 200-147731/2-A**  
**Matrix: Water**  
**Analysis Batch: 147809**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 147731**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perfluoroheptanoic acid (PFHpA)	40.0	43.44		ng/L		109	50 - 150
Perfluorooctanoic acid (PFOA)	40.0	39.84		ng/L		100	70 - 130
Perfluorononanoic acid (PFNA)	40.0	43.65		ng/L		109	50 - 150
Perfluorobutanesulfonic acid (PFBS)	35.4	35.71		ng/L		101	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	36.4	37.46		ng/L		103	50 - 150
Perfluorooctanesulfonic acid (PFOS)	37.1	38.43		ng/L		104	70 - 130

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
18O2 PFHxS	105		50 - 150
13C4 PFHpA	108		50 - 150
13C4 PFOA	111		70 - 130
13C4 PFOS	105		70 - 130
13C5 PFNA	110		50 - 150

**Lab Sample ID: LCSD 200-147731/3-A**  
**Matrix: Water**  
**Analysis Batch: 147809**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 147731**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Perfluoroheptanoic acid (PFHpA)	40.0	40.48		ng/L		101	50 - 150	7	20
Perfluorooctanoic acid (PFOA)	40.0	40.62		ng/L		102	70 - 130	2	20
Perfluorononanoic acid (PFNA)	40.0	40.33		ng/L		101	50 - 150	8	20
Perfluorobutanesulfonic acid (PFBS)	35.4	36.67		ng/L		104	50 - 150	3	20
Perfluorohexanesulfonic acid (PFHxS)	36.4	36.88		ng/L		101	50 - 150	2	20
Perfluorooctanesulfonic acid (PFOS)	37.1	40.28		ng/L		109	70 - 130	5	20

Eurofins TestAmerica, Burlington

# QC Sample Results

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

## Method: 25101:2009 - Fluorinated Alkyl Substances (Continued)

<i>Isotope Dilution</i>	<i>LCS D LCS D</i>		<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
18O2 PFHxS	90		50 - 150
13C4 PFHpA	96		50 - 150
13C4 PFOA	94		70 - 130
13C4 PFOS	87		70 - 130
13C5 PFNA	96		50 - 150

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# QC Association Summary

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

## LCMS

### Prep Batch: 147731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-50651-1	S-15687	Total/NA	Water	25101:2009 SPE	
200-50651-2	S-24848	Total/NA	Water	25101:2009 SPE	
200-50651-3	S-31636	Total/NA	Water	25101:2009 SPE	
200-50651-4	BLEND INF	Total/NA	Water	25101:2009 SPE	
200-50651-5	BLEND EFF	Total/NA	Water	25101:2009 SPE	
MB 200-147731/1-A	Method Blank	Total/NA	Water	25101:2009 SPE	
LCS 200-147731/2-A	Lab Control Sample	Total/NA	Water	25101:2009 SPE	
LCSD 200-147731/3-A	Lab Control Sample Dup	Total/NA	Water	25101:2009 SPE	

### Analysis Batch: 147809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-50651-1	S-15687	Total/NA	Water	25101:2009	147731
200-50651-2	S-24848	Total/NA	Water	25101:2009	147731
200-50651-3	S-31636	Total/NA	Water	25101:2009	147731
200-50651-4	BLEND INF	Total/NA	Water	25101:2009	147731
200-50651-5	BLEND EFF	Total/NA	Water	25101:2009	147731
MB 200-147731/1-A	Method Blank	Total/NA	Water	25101:2009	147731
LCS 200-147731/2-A	Lab Control Sample	Total/NA	Water	25101:2009	147731
LCSD 200-147731/3-A	Lab Control Sample Dup	Total/NA	Water	25101:2009	147731

# Lab Chronicle

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

**Client Sample ID: S-15687**

**Date Collected: 09/18/19 08:40**

**Date Received: 09/20/19 10:43**

**Lab Sample ID: 200-50651-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	25101:2009 SPE			147731	09/25/19 11:13	JM1	TAL BUR
Total/NA	Analysis	25101:2009		1	147809	09/26/19 20:50	JM1	TAL BUR

**Client Sample ID: S-24848**

**Date Collected: 09/18/19 08:35**

**Date Received: 09/20/19 10:43**

**Lab Sample ID: 200-50651-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	25101:2009 SPE			147731	09/25/19 11:13	JM1	TAL BUR
Total/NA	Analysis	25101:2009		1	147809	09/26/19 20:58	JM1	TAL BUR

**Client Sample ID: S-31636**

**Date Collected: 09/18/19 08:05**

**Date Received: 09/20/19 10:43**

**Lab Sample ID: 200-50651-3**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	25101:2009 SPE			147731	09/25/19 11:13	JM1	TAL BUR
Total/NA	Analysis	25101:2009		1	147809	09/26/19 21:06	JM1	TAL BUR

**Client Sample ID: BLEND INF**

**Date Collected: 09/18/19 08:25**

**Date Received: 09/20/19 10:43**

**Lab Sample ID: 200-50651-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	25101:2009 SPE			147731	09/25/19 11:13	JM1	TAL BUR
Total/NA	Analysis	25101:2009		1	147809	09/26/19 21:15	JM1	TAL BUR

**Client Sample ID: BLEND EFF**

**Date Collected: 09/18/19 08:15**

**Date Received: 09/20/19 10:43**

**Lab Sample ID: 200-50651-5**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	25101:2009 SPE			147731	09/25/19 11:13	JM1	TAL BUR
Total/NA	Analysis	25101:2009		1	147809	09/26/19 21:23	JM1	TAL BUR

## Laboratory References:

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Eurofins TestAmerica, Burlington

# Accreditation/Certification Summary

Client: Pace Analytical Services, LLC  
 Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
 SDG: 70105433

## Laboratory: Eurofins TestAmerica, Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-20
ANAB	DoD	L2336	02-25-20
Connecticut	State Program	PH-0751	09-30-19 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-15-20
DE Haz. Subst. Cleanup Act (HSCA)	State Program	NA	02-01-20
Florida	NELAP	E87467	06-30-20
Florida	NELAP	E87467	06-01-20
Minnesota	NELAP	050-999-436	12-31-19
Minnesota	NELAP	050-999-436	12-31-19
New Hampshire	NELAP	2006	12-18-19
New Jersey	NELAP	VT972	06-30-20
New Jersey	NELAP	VT972	06-30-20
New York	NELAP	10391	04-01-20
New York	NELAP	10391	03-31-20
Pennsylvania	NELAP	68-00489	04-30-20
Pennsylvania	NELAP	68-00489	04-30-20
Rhode Island	State Program	LAO00298	12-30-19
US Fish & Wildlife	US Federal Programs	058448	07-31-20
USDA	Federal	P330-11-00093	07-24-20
USDA	US Federal Programs	P330-17-00272	08-09-20
Vermont	State	VT4000	12-31-19
Vermont	State Program	VT-4000	12-31-19
Virginia	NELAP	460209	12-14-19
Virginia	NELAP	460209	12-14-19

\* Accreditation/Certification renewal pending - accreditation/certification considered valid.

# Method Summary

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

Method	Method Description	Protocol	Laboratory
25101:2009	Fluorinated Alkyl Substances	ISO	TAL BUR
25101:2009 SPE	Solid-Phase Extraction (SPE)	ISO	TAL BUR

**Protocol References:**

ISO = International Organization for Standardization

**Laboratory References:**

TAL BUR = Eurofins TestAmerica, Burlington, 30 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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# Sample Summary

Client: Pace Analytical Services, LLC  
Project/Site: PFAS, NY DW

Job ID: 200-50651-1  
SDG: 70105433

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-50651-1	S-15687	Water	09/18/19 08:40	09/20/19 10:43	
200-50651-2	S-24848	Water	09/18/19 08:35	09/20/19 10:43	
200-50651-3	S-31636	Water	09/18/19 08:05	09/20/19 10:43	
200-50651-4	BLEND INF	Water	09/18/19 08:25	09/20/19 10:43	
200-50651-5	BLEND EFF	Water	09/18/19 08:15	09/20/19 10:43	

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ORIGIN ID: ZMVA (631) 694-3040  
 RECEIVING  
 PACE ANALYTICAL SERVICES  
 575 BROADHOLLOW RD  
 MELVILLE, NY 11747  
 UNITED STATES US

SHIP DATE: 19SEP19  
 ACTWT: 34.85 LB  
 CAD: 499472/CAFE3211  
 BILL SENDER

551CL/9004/104C

TO **SAMPLE RECEIVING**  
**TEST AMERICA**  
**30 COMMUNITY DRIVE, SUITE #11**  
**SOUTH BURLINGTON VT 05403**

(631) 694-3040 REF: DEPT:  
 INU: PO:

FedEx Express

TRK# 1227 2653 9905  
 0201

FRI - 20 SEP 10:30A  
 PRIORITY OVERNIGHT

**NL BTVA**

05403  
 VT-US BTV

Part # 155143-434 RIT EXP 09/20

# Login Sample Receipt Checklist

Client: Pace Analytical Services, LLC

Job Number: 200-50651-1

SDG Number: 70105433

**Login Number: 50651**

**List Number: 1**

**Creator: Mohn, Taylor J**

**List Source: Eurofins TestAmerica, Burlington**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5°C
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?	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	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	