

January 18, 2019

Chad Mrowka  
Fishers Island Water Works  
PO Drawer E  
Fishers Island, NY 06390

RE: Project: PB/CU 1/15  
Pace Project No.: 7076697

Dear Chad Mrowka:

Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 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.

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: Chris Finan, Fishers Island Water Works



## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: PB/CU 1/15

Pace Project No.: 7076697

---

### 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

---

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## SAMPLE SUMMARY

Project: PB/CU 1/15

Pace Project No.: 7076697

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7076697001	2ND & 3RD HALLWAY	Drinking Water	01/15/19 06:01	01/16/19 07:50
7076697002	2ND & 3RD	Drinking Water	01/15/19 06:02	01/16/19 07:50
7076697003	KINDERGARTEN	Drinking Water	01/15/19 06:03	01/16/19 07:50
7076697004	KINDERGARTEN	Drinking Water	01/15/19 06:04	01/16/19 07:50
7076697005	KINDERGARTEN	Drinking Water	01/15/19 06:05	01/16/19 07:50

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## SAMPLE ANALYTE COUNT

Project: PB/CU 1/15

Pace Project No.: 7076697

Lab ID	Sample ID	Method	Analysts	Analytes Reported
7076697001	2ND & 3RD HALLWAY	EPA 200.8	SK2	2
7076697002	2ND & 3RD	EPA 200.8	SK2	2
7076697003	KINDERGARTEN	EPA 200.8	SK2	2
7076697004	KINDERGARTEN	EPA 200.8	SK2	2
7076697005	KINDERGARTEN	EPA 200.8	SK2	2

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## ANALYTICAL RESULTS

Project: PB/CU 1/15

Pace Project No.: 7076697

Sample: 2ND & 3RD HALLWAY		Lab ID: 7076697001		Collected: 01/15/19 06:01		Received: 01/16/19 07:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8							
Copper	<b>0.41</b>	mg/L	0.0020		1		01/17/19 14:20	7440-50-8	
Lead	<b>&lt;1.0</b>	ug/L	1.0		1		01/17/19 14:20	7439-92-1	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## ANALYTICAL RESULTS

Project: PB/CU 1/15

Pace Project No.: 7076697

Sample: 2ND & 3RD		Lab ID: 7076697002		Collected: 01/15/19 06:02		Received: 01/16/19 07:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8							
Copper	<b>0.11</b>	mg/L	0.0020		1		01/17/19 14:32	7440-50-8	
Lead	<b>4.5</b>	ug/L	1.0		1		01/17/19 14:32	7439-92-1	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## ANALYTICAL RESULTS

Project: PB/CU 1/15

Pace Project No.: 7076697

Sample: KINDERGARTEN		Lab ID: 7076697003		Collected: 01/15/19 06:03		Received: 01/16/19 07:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8							
Copper	<b>0.35</b>	mg/L	0.0020		1		01/17/19 14:41	7440-50-8	
Lead	<b>&lt;1.0</b>	ug/L	1.0		1		01/17/19 14:41	7439-92-1	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## ANALYTICAL RESULTS

Project: PB/CU 1/15

Pace Project No.: 7076697

Sample: KINDERGARTEN		Lab ID: 7076697004		Collected: 01/15/19 06:04		Received: 01/16/19 07:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8							
Copper	<b>0.11</b>	mg/L	0.0020		1		01/17/19 14:44	7440-50-8	
Lead	<b>&lt;1.0</b>	ug/L	1.0		1		01/17/19 14:44	7439-92-1	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.



## ANALYTICAL RESULTS

Project: PB/CU 1/15

Pace Project No.: 7076697

Sample: KINDERGARTEN		Lab ID: 7076697005		Collected: 01/15/19 06:05		Received: 01/16/19 07:50		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>200.8 MET ICPMS Drinking Water</b>		Analytical Method: EPA 200.8							
Copper	<b>0.12</b>	mg/L	0.0020		1		01/17/19 14:47	7440-50-8	
Lead	<b>3.7</b>	ug/L	1.0		1		01/17/19 14:47	7439-92-1	

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## QUALITY CONTROL DATA

Project: PB/CU 1/15  
Pace Project No.: 7076697

QC Batch: 98589 Analysis Method: EPA 200.8  
QC Batch Method: EPA 200.8 Analysis Description: 200.8 MET No Prep Drinking Water  
Associated Lab Samples: 7076697001, 7076697002, 7076697003, 7076697004, 7076697005

METHOD BLANK: 455698 Matrix: Water  
Associated Lab Samples: 7076697001, 7076697002, 7076697003, 7076697004, 7076697005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Copper	mg/L	<0.0020	0.0020	01/17/19 14:01	
Lead	ug/L	<1.0	1.0	01/17/19 14:01	

LABORATORY CONTROL SAMPLE: 455699

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.05	0.048	96	85-115	
Lead	ug/L	50	48.9	98	85-115	

MATRIX SPIKE SAMPLE: 455702

Parameter	Units	7076697001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.41	0.025	0.43	78	70-130	
Lead	ug/L	<1.0	2	2.7	112	70-130	

MATRIX SPIKE SAMPLE: 455935

Parameter	Units	7076697002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Copper	mg/L	0.11	0.025	0.13	108	70-130	
Lead	ug/L	4.5	2	6.7	111	70-130	

SAMPLE DUPLICATE: 455701

Parameter	Units	7076697001 Result	Dup Result	RPD	Max RPD	Qualifiers
Copper	mg/L	0.41	0.42	2	20	
Lead	ug/L	<1.0	<1.0		20	

SAMPLE DUPLICATE: 455934

Parameter	Units	7076697002 Result	Dup Result	RPD	Max RPD	Qualifiers
Copper	mg/L	0.11	0.11	3	20	
Lead	ug/L	4.5	4.8	6	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## QUALIFIERS

Project: PB/CU 1/15

Pace Project No.: 7076697

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### SAMPLE QUALIFIERS

Sample: 7076697001

[1] DRINKING FOUNTAIN

Sample: 7076697002

[1] SINK

Sample: 7076697003

[1] DRINKING FOUNTAIN

Sample: 7076697004

[1] BATHROOM SINK

Sample: 7076697005

[1] SINK

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PB/CU 1/15

Pace Project No.: 7076697

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7076697001	2ND & 3RD HALLWAY	EPA 200.8	98589		
7076697002	2ND & 3RD	EPA 200.8	98589		
7076697003	KINDERGARTEN	EPA 200.8	98589		
7076697004	KINDERGARTEN	EPA 200.8	98589		
7076697005	KINDERGARTEN	EPA 200.8	98589		

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, LLC.

1436  
JY 11747



7076697

# Sample Request Form

## PUBLIC WATER SUPPLIER

**WELL OFF LINE**

Date:

6.15.19

Collected By: CHAD MEOWICA

### Client Info:

Name or Code: Fishers Island Water Works

Address: PO Box 604

Phone #: 631 788 7422

Attn: \_\_\_\_\_

Proj. # or (Name): \_\_\_\_\_

Bill To: \_\_\_\_\_

Copies To: \_\_\_\_\_

**Sample Info:**

[illegible]

Page 13 of 14



# Sample Condition Upon Receipt

Client Name:

FIW

Project

WO#: 7076697

PM: SWM Due Date: 01/25/19

CLIENT: FIW

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

Tracking #: 8139 2023 8269

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

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

Thermometer Used: T1091 Correction Factor: 0.0

Cooler Temperature (°C): 10.1 Cooler Temperature Corrected (°C): 10.1

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: 1/16/19 JP

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.

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for MS/MSD)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID/Analysis Matrix SLWT OIL		
All containers needing preservation have been checked	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # HC4857466		Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Initial when completed: Lot # of added preservative: Date/Time preservative added
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
KI starch test strips Lot #		Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #		
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution: