



October 5, 2023

Gary Bowers
NB-Sullivan BOCES
15 Sullivan Ave Ste 1W
Liberty, NY 12754

Project Location: MCSD- Cooke Elementary
Project Number: MCSD-Cooke Elementary
Laboratory Work Order Number: 23I3563

Enclosed are results of analyses for samples received by the laboratory on September 27, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Rose M. Cusack".

Project Manager



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

NB-Sullivan BOCES
15 Sullivan Ave Ste 1W
Liberty, NY 12754
ATTN: Gary Bowers

REPORT DATE: 10/5/2023

PURCHASE ORDER NUMBER: 2324-20

PROJECT NUMBER: MCSD-Cooke Elementary

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 2313563

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - Newburgh are found in this report.

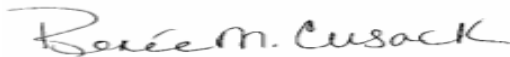
PROJECT LOCATION: MCSD- Cooke Elementary

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Kitchen- Hand Wash Sink	2313563-01	Drinking Water		EPA 200.8 Rev 5.4	
Kitchen- Wall Sink Left	2313563-02	Drinking Water		EPA 200.8 Rev 5.4	
Kitchen- Wall Sink Right	2313563-03	Drinking Water		EPA 200.8 Rev 5.4	
Kitchen- Island Sink	2313563-04	Drinking Water		EPA 200.8 Rev 5.4	
Kitchen- Bathroom Sink	2313563-05	Drinking Water		EPA 200.8 Rev 5.4	
Bottle Fill 200 Wing	2313563-06	Drinking Water		EPA 200.8 Rev 5.4	
Bottle Fill Near Main Office	2313563-07	Drinking Water		EPA 200.8 Rev 5.4	
Assistant Principal Sink	2313563-08	Drinking Water		EPA 200.8 Rev 5.4	
Room 138 Nurse Bathroom Sink	2313563-09	Drinking Water		EPA 200.8 Rev 5.4	
Room 138 Nurse Sink	2313563-10	Drinking Water		EPA 200.8 Rev 5.4	
Bubbler Near Main Office	2313563-11	Drinking Water		EPA 200.8 Rev 5.4	
Bubbler 200 Wing	2313563-12	Drinking Water		EPA 200.8 Rev 5.4	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Pace Analytical Services, LLC - Newburgh for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Renee Cusack
PM



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Kitchen- Hand Wash Sink

Sample ID: 2313563-01

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	1.9	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:03	EMC



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Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Kitchen- Wall Sink Left

Sample ID: 2313563-02

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:05	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Kitchen- Wall Sink Right

Sample ID: 2313563-03

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:08	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Kitchen- Island Sink

Sample ID: 2313563-04

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	4.3	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:10	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Kitchen- Bathroom Sink

Sample ID: 2313563-05

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	2.0	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:17	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: **Bottle Fill 200 Wing**

Sample ID: **2313563-06**

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:20	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Bottle Fill Near Main Office

Start Date/Time: 9/27/2023 6:45:00AM

Sample ID: 2313563-07

Stop Date/Time: 9/27/2023 7:02:00AM

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:22	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Assistant Principal Sink

Start Date/Time: 9/27/2023 6:45:00AM

Sample ID: 2313563-08

Stop Date/Time: 9/27/2023 7:02:00AM

Sample Matrix: Drinking Water

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	8.2	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:24	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Room 138 Nurse Bathroom Sink

Sample ID: 2313563-09

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:27	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: Room 138 Nurse Sink

Sample ID: 2313563-10

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	1.8	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:29	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: **Bubbler Near Main Office**

Sample ID: **2313563-11**

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:34	EMC



315 Fullerton Avenue * Newburgh, NY 12550 * TEL. (845) 562-0890

Project Location: MCSD- Cooke Elementary

Sample Description:

Work Order: 2313563

Date Received: 9/27/2023

Field Sample #: **Bubbler 200 Wing**

Sample ID: **2313563-12**

Start Date/Time: 9/27/2023 6:45:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 7:02:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:36	EMC

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
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EPA 200.8 Rev 5.4 in Drinking Water

Lead	NB-CT,NB-NJ,NB-NY
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Pace Analytical Services, LCC operates under the following certifications and accreditations:

Code	Description	Number	Expires
NB-CT	Connecticut Department of Public Health	PH-0823	09/30/2024
NB-NJ	New Jersey DEP	NY015 NELAP	06/30/2023
NB-NY	New York State Department of Health	10142 NELAP	04/1/2024

Sample Condition Upon Receipt Form (SCUR)

Project # 23I 3563
Client: Sullivan Boces

Date and Initials of person:
 Examining contents: EC
 Label: EC
 Deliver to location: EC
 pH: EC

Thermometer Used: IRG4 Date: 9/27 Time: 11:00 Initials: EC

State of Origin: NY

Cooler #1 Temp.°C 33 (Visual) 2 (Correction Factor) 3.5 (Actual) Samples on ice, cooling process has begun

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Shipping Method: First Overnight Priority Overnight Standard Overnight Ground
 Other _____

Tracking # _____

Custody Seal on Cooler/Box Present: Yes No Seals intact: Yes No Ice: Wet Blue Melted None

Packing Material: Bubble Wrap Bubble Bags None Other _____

Samples were collected by Pace employee Yes No N/A

Comments:

Chain of Custody Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Chain of Custody Filled Out	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Relinquished Signature on COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sampler Name and Signature on COC	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Samples Arrived within Hold Time	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Rush TAT requested on COC	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sufficient Volume	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Correct Containers Used	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Sample Labels match COC (sample IDs & date/time of collection)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
All containers needing acid/base preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Preservation Information: Preservative: _____ Lot #/Trace #: _____ Date: _____ Time: _____ Initials: _____
All Containers needing preservation are found to be in compliance with EPA recommendation: Exceptions: Vials, Microbiology, O&G, Metals	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Headspace in VOA Vials? (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Additional Login Comments:

Client notification/ Resolution
 Person Contacted: _____ Date/Time: _____
 Comments/Resolution: _____

Sample #	Date	Time	Area	250 ml HNO3	Analysis Requested
01	9/27/23	0645	Kitchen-hand wash sink	250 ml HNO3	Lead
02	9/27/23		Kitchen-wall sink left	250 ml HNO3	Lead
03	9/27/23		Kitchen-wall sink right	250 ml HNO3	Lead
04	9/27/23		Kitchen-island sink	250 ml HNO3	Lead
05	9/27/23		Kitchen-bathroom sink	250 ml HNO3	Lead
29	9/27/23		Bottle fill 200 wing	250 ml HNO3	Lead
78	9/27/23		Bottle fill near main office	250 ml HNO3	Lead
79	9/27/23		Assistant Principal sink	250 ml HNO3	Lead
80	9/27/23		Room 138 Nurse bathroom sink	250 ml HNO3	Lead
81	9/27/23		Room 138 Nurse sink	250 ml HNO3	Lead
83	9/27/23		Bubbler near main office	250 ml HNO3	Lead
84	9/27/23	0702	Bubbler 200 wing	250 ml HNO3	Lead



2313563