

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: 2313563

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,

Beréem. Cusack

Project Manager



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

PURCHASE ORDER NUMBER: 2324-20

REPORT DATE: 10/5/2023

PROJECT NUMBER: MCSD-Cooke Elementary

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23I3563

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	23I3563-01	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	23I3563-10	Drinking Water		EPA 200.8 Rev 5.4	
Bubbler Near Main Office	23I3563-11	Drinking Water		EPA 200.8 Rev 5.4	
Bubbler 200 Wing	23I3563-12	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.

Beréem. Cusack

Renee Cusack PM



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

Project Location: MCSD- Cooke Elementary					Sample Descrip	otion:		Work Order: 23I3563			
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									
			Me	etals Anal	lyses (Total)						
			MCL/SMCL	Date	Date/Time						
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst	

1

μg/L

EPA 200.8 Rev 5.4

10/4/23

10/4/23 17:03

EMC

1.9

1.0



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

Analyte	Results	RL	MCL/SMCL Un	ite Di	ilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst	
				s Analyses (	(Total)						
Sample Matrix: Drinking Water		Stop Date/Time: 9/27/2023 7:02:00AM									
Sample ID: 23I3563-02	Start Date/Time: 9/27/2023 6:45:00AM										
Date Received: 9/27/2023 Field Sample #: Kitchen- Wall Sink Left											
Project Location: MCSD- Cooke Elementary		Sample Description:							Work Order: 2313563		

ND	1.0	15	μg/L	1	EPA 200.8 Rev 5.4	10/4/23	10/4/23 17:05

EMC



Project Location: MCSD- Cooke Elementary	Sample Description:	Work Order: 23I3563
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)	
	Date Date/Time	

	Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
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 Descri	ption:		Work Order: 23I3563		
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									
			Ν	Metals Ana	lyses (Total)					
		MCL/SMCL							Date/Time	
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8 Rev 5.4

10/4/23 10/4/23 17:10 EMC

 $\mu g/L$ 

4.3

1.0



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

Project Location: MCSD- Cooke Elementary					Sample Descrip	otion:		Work Order: 23I3563			
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									
			Me	etals Ana	lyses (Total)						
			MCL/SMCL	Date	Date/Time						
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst	

1

EPA 200.8 Rev 5.4

10/4/23

10/4/23 17:17

EMC

μg/L

2.0

1.0



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

Project Location: MCSD- Cooke Elementary					Sample Descrip	ption:		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									
			Ν	Metals Ana	lyses (Total)					
		MCL/SMCL								
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8 Rev 5.4

10/4/23

10/4/23 17:20

EMC

μg/L

ND

1.0



Project Location: MCSD- Cooke Elementary	Sample Description:	Work Order: 23I3563
Date Received: 9/27/2023		
Field Sample #: Bottle Fill Near Main Office		
Sample ID: 2313563-07	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)	
	Date Date/Time	

	Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
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 Descrip	ption:		Work Orde	r: 23I3563	
Date Received: 9/27/2023										
Field Sample #: Assistant Principal Sink										
Sample ID: 2313563-08					Start Date/Tim	e: 9/27/2023 6:45:00	AM			
Sample Matrix: Drinking Water					Stop Date/Time	e: 9/27/2023 7:02:0	0AM			
			Μ	etals Ana	lyses (Total)					
			MCL/SMCL					Date	Date/Time	
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

μg/L

8.2

1.0

15

EPA 200.8 Rev 5.4

10/4/23

10/4/23 17:24

EMC



Project Location: MCSD- Cooke Elementary	Sample Description:	Work Orde	er: 23I3563
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)		
Ν	ACL/SMCL	Date	Date/Time

	Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
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 Descrip	ation.		Work Order	r: 23I3563	
Date Received: 9/27/2023					Sumple Deserg	juon.		work order	2515505	
Field Sample #: Room 138 Nurse Sink										
Sample ID: 2313563-10					Start Date/Tim	e: 9/27/2023 6:45:00	DAM			
Sample Matrix: Drinking Water					Stop Date/Tim	e: 9/27/2023 7:02:0	0AM			
			Me	etals Anal	lyses (Total)					
			MCL/SMCL					Date	Date/Time	
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

 $\mu g/L$ 

EPA 200.8 Rev 5.4

10/4/23 10/4/23 17:29 EMC

1.8

1.0



Project Location: MCSD- Cooke Elementary	Sample Description:	Work Order: 23I3563
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)	
	MCL/SMCL	Date Date/Time

	Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst
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 Descrip	ption:		Work Orde	r: 23I3563	
Date Received: 9/27/2023										
Field Sample #: Bubbler 200 Wing										
Sample ID: 2313563-12					Start Date/Tim	e: 9/27/2023 6:45:00	)AM			
Sample Matrix: Drinking Water					Stop Date/Tim	e: 9/27/2023 7:02:0	0AM			
			Ν	Metals Ana	lyses (Total)					
			MCL/SMCL					Date	Date/Time	
Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Prepared	Analyzed	Analyst

1

EPA 200.8 Rev 5.4

10/4/23

10/4/23 17:36

EMC

μg/L

ND

1.0



#### FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
Ť	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						
EPA 200.8 Rev 5	PA 200.8 Rev 5.4 in Drinking Water						
Lead	NB-CT,NB-NJ,NB-	NY					
Pace Analytica	l Services, LCC operates under the following certifications and ac	creditations:					
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				

RECEIVED FOR PAS NEWBURGH BY: DATE TIME CUSTODY (SIGNATURE) TIME CUSTODY (SIGNATURE) TIME CUSTODY (SIGNATURE) COOLER TEMP (SIGNATURE) COOLER TEMP (SIGNATURE) COOLER TEMP (SIGNATURE) COOLER TEMP (SIGNATURE) COOLER TEMP (SIGNATURE) COOLER TEMP		RELIÑQUISHED BY (SIGNATURE) COMPANY DATE TIME RECEIVED BY: (SIGNATURE)	BRULLIAN BOCKES 9127/23 11 00	MATCHING COMPANY DATE TIME			Hacked				MPOSI UEOUS Drinking LID OR	Tota 44 250	R GRAB	the Gary Bowers 0	ter) <i>Indic</i> a ners :I CI aric	Sullivan Booles MATRIX	ANALY IIUAL SEKVICES   Field Office Address 35 Goshen Tumpike, Bloomingburg, NY 12721	Field Office Address 312 Titusville Rd, Poughkeepsie, NY 12603	Lab Name PAS - Newburgh NYS BOH LAB # 10142 NJDEF Lab Address 315 Fullerton Avenue, Newburgh, NY 12550 Phone (8-	CHAIN OF CUSTODY
EMARKS: ICE (YN >> pH/Preservation Check	COMPANY	COMPANY	COMPANY									250 mL 250mL I 250r 2 250r 40r 40 125 m	Plastic Plastic Liter I 50mL nL Pla nL Vla mL Gl L Ster 25mL	ic Nitri	c Acid fic Acid aOH aric ain \$203	REQUIRED Containers	Field Office Phone (845)733-1557	Field Office Phone (845) 229-6536	2 NJDEP LAB # NY105 GT DOPH# PH-0554 Phone (845) 562-0890	
rvation Check PAID (YN) Payment Method	DATE TIME	DATE TIME	DATE TIME		2313563				TERG IN SCHEET FUNKTING MUTHER	Analysis Requested	#OF COOLERS OTHER	RUSH (# Biz Days) REPORTING	GRAB COMP		TURNAROUND TIME (Biz Days) NON-TESTING CHARGES	PAGE 1 of 2			237 3563	REPORT# (Lab Use Only)

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DC#\_Title: ENV-FRM-NEWB-0002 Sample Condition Upon Receipt Form Effective Date: 7/21/2022

Sample Condition Upon Receipt Form (SCUR)

Project # 23 I 3563	Date and	Initials of person:
Client: Sullivan Boce	< Examining	contents: <u>E</u>
	Label:	cation: EC
	pH: <u>EC</u>	
TOOL		0.0
Thermometer Used: <u>IRC 4</u> Date: <u>9</u> /2	7	ls: <u> </u>
State of Origin:		
Cooler #1 Temp. C_33 (Visual)2 (Correction Factor)3	5 (Actual) Samples	on ice, cooling process has begun
	2012년 201	
Courier: Fed Ex UPS USPS Client C		
Shipping Method: First Overnight Priority Overnight Standard	I Overnight   Ground	
□ Other		
Tracking #		
Custody Seal on Cooler/Box Present: Yes No Seals in	ntact: Yes No Ice: Wet	Blue Melted None
Packing Material: Bubble Wrap Bubble Bags None [	]Other	
Samples were collected by Pace employee	No 🗆 N/A	
	Comments:	
Chain of Custody Present	a na sana ana ana ana ana ana ana ana an	
Chain of Custody Filled Out		
Relinquished Signature on COC	The second s	
Sampler Name and Signature on COC		
Samples Arrived within Hold Time		
Rush TAT requested on COC		
Sufficient Volume DYes DNO N/A		
Correct Containers Used		
Containers Intact		
Sample Labels match COC (sample IDs & date/time of	and the second	
collection)         Pres         No         N/A           All containers needing acid/base preservation have         Image: Collection of the second	Preservation Information:	
been checked.		
All Containers needing preservation are found to be in compliance with EPA recommendation:	Lot #/Trace #: Date: Time:	
Exceptions: Vials, Microbiology, O&G, Metals	Initials:	
Headspace in VOA Vials? ( >6mm):		
Trip Blank Present: DYes DNO DN/A		
Additional Login Comments:		
Client actification/ Beaclution		
Client notification/ Resolution Person Contacted:	Date/Time:	
Comments/Resolution:		

# Sullivan County BOCES Lead In Water Testing 9/27/23 MCSD Cooke Elementary Chain of Custody

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

