



October 9, 2023

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

Project Location: MCSD- Chase Elementary School
Project Number: MCSD-Chase Elementary
Laboratory Work Order Number: 23I3566

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



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

REPORT DATE: 10/9/2023

PURCHASE ORDER NUMBER: 2324-19

PROJECT NUMBER: MCSD-Chase Elementary

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 2313566

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

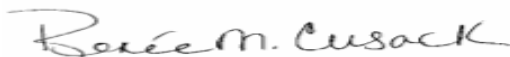
PROJECT LOCATION: MCSD- Chase Elementary School

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
Kitchen Wall Sink Left	2313566-01	Drinking Water		EPA 200.8 Rev 5.4	
Kitchen Wall Sink Right	2313566-02	Drinking Water		EPA 200.8 Rev 5.4	
Kitchen Island Sink	2313566-03	Drinking Water		EPA 200.8 Rev 5.4	
Nurse's Sink	2313566-04	Drinking Water		EPA 200.8 Rev 5.4	
Nurse's Bathroom Sink	2313566-05	Drinking Water		EPA 200.8 Rev 5.4	
117 Sink Left	2313566-06	Drinking Water		EPA 200.8 Rev 5.4	
117 Sink Right	2313566-07	Drinking Water		EPA 200.8 Rev 5.4	
Bottle Fill Between 208-209	2313566-08	Drinking Water		EPA 200.8 Rev 5.4	
212 Sink	2313566-09	Drinking Water		EPA 200.8 Rev 5.4	
215 Sink	2313566-10	Drinking Water		EPA 200.8 Rev 5.4	
102 Main Office Sink	2313566-11	Drinking Water		EPA 200.8 Rev 5.4	
Bottle Fill Near Main Office	2313566-12	Drinking Water		EPA 200.8 Rev 5.4	
109 Breakroom Sink	2313566-13	Drinking Water		EPA 200.8 Rev 5.4	
Bubbler Near Main Office	2313566-14	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- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Kitchen Wall Sink Left

Sample ID: 2313566-01

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	4.1	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 14:42	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Kitchen Wall Sink Right

Sample ID: 2313566-02

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
									Prepared	Analyzed	
Lead	1.7	1.0	15		µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 14:52	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Kitchen Island Sink

Sample ID: 2313566-03

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	3.4	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 14:54	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Nurse's Sink

Sample ID: 2313566-04

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	2.3	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 14:57	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Nurse's Bathroom Sink

Sample ID: 2313566-05

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	1.1	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 14:59	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: 117 Sink Left

Sample ID: 2313566-06

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	2.6	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 15:01	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: 117 Sink Right

Sample ID: 2313566-07

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	MCL/SMCL		Units	Dilution	Flag/Qual	Method	Date	Date/Time	Analyst
		RL						Prepared	Analyzed	
Lead	1.5	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 15:09	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Bottle Fill Between 208-209

Sample ID: 2313566-08

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 15:11	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: 212 Sink

Sample ID: 2313566-09

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

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	10/5/23	10/5/23 15:13	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: 215 Sink

Sample ID: 2313566-10

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

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	10/5/23	10/5/23 15:16	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: 102 Main Office Sink

Sample ID: 2313566-11

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	2.4	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 15:18	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: Bottle Fill Near Main Office

Sample ID: 2313566-12

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

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	10/5/23	10/5/23 15:23	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

Field Sample #: 109 Breakroom Sink

Sample ID: 2313566-13

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

Metals Analyses (Total)

Analyte	Results	RL	MCL/SMCL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	1.0	15	µg/L	1		EPA 200.8 Rev 5.4	10/5/23	10/5/23 15:26	EMC



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

Project Location: MCSD- Chase Elementary School

Sample Description:

Work Order: 2313566

Date Received: 9/27/2023

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

Sample ID: **2313566-14**

Start Date/Time: 9/27/2023 6:15:00AM

Sample Matrix: Drinking Water

Stop Date/Time: 9/27/2023 6:25:00AM

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	10/5/23	10/5/23 15:28	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



ANALYTICAL SERVICES

CHAIN OF CUSTODY

Lab Name **PAS - Newburgh** NYS BOH LAB # 10142 NJDEP LAB # NY105 GT DOP# PH40554
 Lab Address 315 Fullerton Avenue, Newburgh, NY 12550 Phone (845) 562-0890
 Field Office Address 312 Titusville Rd, Poughkeepsie, NY 12603 Field Office Phone (845) 228-6536
 Field Office Address 35 Goshen Turnpike, Bloomingburg, NY 12721 Field Office Phone (845) 733-1557

REPORT# (Lab Use Only)

23I 13566

CLIENT NAME: **Sullivan BOERS** PWS NUMBER: _____

CLIENT ADDRESS: **15 Sullivan Ave, Suite 100 Liberty NY 12754**

CLIENT PHONE1: **845-295-4110** CLIENT (SITE) CONTACT: **Gary Bowers**

EMAIL (TO SEND REPORT): **gcn.bowers@spowers.org** P.O. NUMBER/PROJECT NUMBER: **2324-19**

PROJECT LOCATION: **MCSO - Chase Elementary School**

MATRIX TYPE

COMPOSITE (C) OR GRAB (G) INDICATE	
AQUEOUS (WATER)	
D (Drinking Water) or W (Waste Water) Indicate	
SOLID OR SEMISOLID	
Chlorine Residual	

REQUIRED Containers

Total # of Containers	
40mL Vials HCl	
Liter Amber HCl	
250 Amber Sulfuric	
Liter Amber Glass	
250 mL Plastic Nitric Acid	
250mL Plastic Sulfuric Acid	
Liter Plastic	
250mL Plastic	
250mL Plastic NaOH	
40mL Vials Sulfuric	
40 mL Glass Plain	
125 mL Sterile Na2S2O3	
125mL Sterile	
Other	

TURNAROUND TIME (Biz Days): **NORMAL** (X)

RUSH (Y/N): _____ P/U _____ SAMP _____

RUSH (# Biz Days): _____ GRAB _____ COMP _____

#OF COOLERS: _____ REPORTING: _____

OTHER: _____

DATE: **9/27/23** TIME: **0615** SAMPLE IDENTIFICATION: **MCSO - Chase Elementary School**

COMPOSITE (C) OR GRAB (G) INDICATE: **GRAB**

AQUEOUS (WATER): _____

D (Drinking Water) or W (Waste Water) Indicate: _____

SOLID OR SEMISOLID: _____

Chlorine Residual: _____

RECEIVED BY: (SIGNATURE) **See Attached**

DATE: _____ TIME: _____

SAMPLED BY: (SIGNATURE)	COMPANY	DATE	TIME	COMMENTS
Gary B Bowers	BOERS	9/27/23	0615	
REINQUISHED BY: (SIGNATURE)	COMPANY	DATE	TIME	
Gary B Bowers	BOERS	9/27/23	1106	

REINQUISHED BY: (SIGNATURE)

COMPANY: _____ DATE: _____ TIME: _____

RECEIVED FOR PAS NEWBURGH BY: _____ DATE: **9/27** TIME: **11:00**

CUSTODY INTACT? YES / NO: **33**

COOLER TEMP: **33**

RECEIVED BY: (SIGNATURE) _____

COMPANY: _____ DATE: _____ TIME: _____

PAS NEWBURGH REMARKS: **ICE (Y/N) PH/Preservation Check**

PAID (Y/N) Payment Method



23I 13566

Lead in school drinking water

Sample Condition Upon Receipt Form (SCUR)

Project # 23I 3566
Client: Sullivan Boes

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 3.3 (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: _____

Sullivan County BOCES Lead in Water Testing
 9/27/23 MCSD Chase Elementary Applicable Outlets

23I 3566

14 Water Samples

Sample #	Date	Time	AREA	250 ml HNO3	Analysis Requested
01	9/27/23	0615	Kitchen wall sink left	250 ml HNO3	Lead
02	9/27/23		Kitchen wall sink right	250 ml HNO3	Lead
03	9/27/23		Kitchen island sink	250 ml HNO3	Lead
05	9/27/23		Nurse's sink	250 ml HNO3	Lead
06	9/27/23		Nurse's bathroom sink	250 ml HNO3	Lead
18	9/27/23		117 sink left	250 ml HNO3	Lead
19	9/27/23		117 sink right	250 ml HNO3	Lead
33	9/27/23		Bottle fill between 208-209	250 ml HNO3	Lead
34	9/27/23		212 sink	250 ml HNO3	Lead
35	9/27/23		215 sink	250 ml HNO3	Lead
39	9/27/23		102 main office sink	250 ml HNO3	Lead
40	9/27/23		Bottle fill near main office	250 ml HNO3	Lead
41	9/27/23		109 breakroom sink	250 ml HNO3	Lead
44	9/27/23	0625	Bubbler near Main Office	250 ml HNO3	Lead



23I3566

Sullivan County BOCES Lead in Water Testing
 9/27/23 MCSD Chase Elementary Applicable Outlets

23I 3566

14 Water Samples

Sample #	Date	Time	AREA	250 ml HNO3	Analysis Requested
01	9/27/23	0615	Kitchen wall sink left	250 ml HNO3	Lead
02	9/27/23		Kitchen wall sink right	250 ml HNO3	Lead
03	9/27/23		Kitchen island sink	250 ml HNO3	Lead
05	9/27/23		Nurse's sink	250 ml HNO3	Lead
06	9/27/23		Nurse's bathroom sink	250 ml HNO3	Lead
18	9/27/23		117 sink left	250 ml HNO3	Lead
19	9/27/23		117 sink right	250 ml HNO3	Lead
33	9/27/23		Bottle fill between 208-209	250 ml HNO3	Lead
34	9/27/23		212 sink	250 ml HNO3	Lead
35	9/27/23		215 sink	250 ml HNO3	Lead
39	9/27/23		102 main office sink	250 ml HNO3	Lead
40	9/27/23		Bottle fill near main office	250 ml HNO3	Lead
41	9/27/23		109 breakroom sink	250 ml HNO3	Lead
44	9/27/23	0625	Bubbler near Main Office	250 ml HNO3	Lead



23I3566