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5 Commerce Park North
Suite 201
Bedford, NH 03110
T: 603.623.3600
F: 603.624.9463
www.gza.com



VIA EMAIL

September 14, 2023
File No. 04.0190977.02

Monarch School of New England
105 Eastern Avenue (Elementary/Middle School)
13 Monarch Way (High School/Vocational Center)
Rochester, New Hampshire 03867

Re: Drinking Water Laboratory Results
Monarch School of New England
Testing Lead in Drinking Water in Schools and Licensed Childcare Facilities
Senate Bill 247 Prevention of Childhood Lead Poisoning

Dear Parent/Guardian:

On February 8, 2018, Governor Chris Sununu signed Senate Bill 247 (SB247) Prevention of Childhood Lead Poisoning. SB247 required all schools and licensed childcare facilities in the State of New Hampshire to perform an initial round of drinking water lead testing by **July 1, 2019**, and every five years thereafter until at least three rounds of sampling are below the standard of 15 parts per billion (ppb). These requirements were outlined in a letter issued by the New Hampshire Department of Environmental Services (NHDES) on July 9, 2018 (*Attachment I*). GZA GeoEnvironmental, Inc. (GZA) assisted Monarch School of New England (Monarch) with the collection of the first round of drinking water samples for lead analysis to satisfy the July 1, 2019 due date.

On July 20, 2022, NHDES [issued changes](#) to the sampling guidelines under House Bill 1421 (HB1421).¹ Most significantly, HB1421 decreases the allowable level of lead from 15 ppb to 5 ppb. Additionally, **three rounds** of drinking water testing for lead must be completed between **January 1, 2016** and **June 30, 2024**. GZA assisted Monarch with the collection of the second round of lead samples in December 2022, with additional re-sampling in January 2023 and February 2023. GZA also assisted Monarch with the collection of the third round of lead samples in June 2023, where results from the Elementary/Middle School Room 4 Sink, Room 6 Sink, and Room 18 (Kitchen) Main Sink exceeded the current lead standard of 5 ppb.

Monarch completed remediation measures which included the installation of AO Smth Claryum® Filters at the Room 4 Sink and Room 6 Sink, and replacing the shutoff valve and soldered joints on the kitchen sink. Monarch then contracted GZA to resample those locations on August 22, 2023. As described in **Attachment I**, samples were collected as a “first flush,” which required the water to be stagnant for at least 6 hours prior to sample collection. A Photographic Log of the sampling locations is included in **Attachment II**.

¹ <https://www.des.nh.gov/water/drinking-water/lead/schools-and-child-care-programs>



The samples were analyzed by Eastern Analytical, Inc. (EAI), a certified New Hampshire laboratory. The analytical results are included in **Attachment III**.

The analysis of the samples indicated detectable concentrations of lead in the sample collected from the Elementary/Middle School Room 18 (Kitchen) Main Sink exceeding the current lead standard of 5 ppb (0.005 mg/L). The samples collected from the Elementary/Middle School Room 4 Sink and Room 6 Sink showed non-detectable (ND) concentrations of lead in drinking water. These results are recorded as “<0.001 mg/L” in the analytical data report, which is the reporting limit for the analysis. The following table provides a summary of the analytical results and sampling locations.

Summary of Analytical Results.

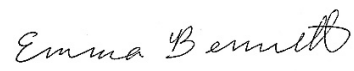
Sample ID	Location	Total Lead (mg/L)	Total Lead (ppb)
GZ-09	Elementary/Middle School, Room 6 Sink	< 0.001	< 1
GZ-13	Elementary/Middle School, Room 4 Sink	< 0.001	< 1
GZ-24	Elementary/Middle School, Room 18 (Kitchen) Main Sink	0.018	18


Upon receipt of the laboratory data, HB1421 requires that the analytical results be posted on the school website and at least one method of direct communication via email or printed flyer. This letter serves as that notice. Per HB1421 and NHDES requirements, the analytical sampling results were also submitted to the State of New Hampshire. Based on the results of the August 2023 re-sampling (i.e., lead was detected above levels requiring remediation), Monarch shall modify the remediation plan, as approved by NHDES, within 180 days of notification of parents or, in consultation with the department, as soon as practicable. The NHDES shall review the plan and any associated submittals within 60 days of receiving them. Monarch shall conduct testing after additional remediation measures have been implemented and shall provide those results to NHDES to demonstrate that lead levels do not exceed the standard. Two consecutive rounds of sampling performed after January 1, 2022, must be below 5 ppb to discontinue sampling in the locations where lead was detected above the standard.

If you have any questions regarding this letter, please contact Ms. Emma Bennett at (603) 232-8736 or by email at emma.bennett@gza.com. If you have specific questions about the lead testing program at the school, please contact Mr. Kenneth Plourde at (603) 332-2848 or by email at kplourde@monarchschoolne.org.

Sincerely,

GZA GEOENVIRONMENTAL, INC.


 Emma I. Bennett, EIT
 Engineer I


 Steven R. Lamb, P.G., C.G.W.P
 Principal



EIB/SRL:

\\gzabedford\jobs\04jobs\0190900s\04.0190977.00\04.0190977.02\report\02 august 2023 re-sampling\0 draft 04.0190977.02 monarch lead sampling 20230911.docx

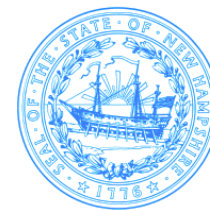
- Attachments:** Attachment I - NHDES Letter
Attachment II - Photographic Log
Attachment III - EAI Analytical Results



ATTACHMENT I - NHDES LETTER



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

DATE: JULY 9, 2018
 TO: NH Schools and Licensed Childcare Facilities
 FROM: Sarah Pillsbury, P.G., Administrator
 NHDES Drinking Water and Groundwater Bureau
 RE: **Testing Lead in Drinking Water in Schools and Daycares
 SB247 Prevention of Childhood Lead Poisoning**

NHDES issued recommendations for voluntary testing of lead in drinking water at all schools and daycares in Spring 2016, following increased awareness of lead toxicity to children from the water crisis in Flint, Michigan. On February 8, 2018, Governor Sununu signed Senate Bill 247 Prevention of Childhood Lead Poisoning. This law requires, among other actions, that all schools and licensed childcare facilities test lead in drinking water at all locations where water is available for consumption by children. *The first round of testing is required to be completed by **July 1, 2019**, and every 5 years thereafter, until at least 3 rounds are below the standard.* Such testing completed from 2016 forward is acceptable for the first round of sampling.

NHDES has been working with the NH Departments of Education and Health and Human Services to provide guidance for schools and childcare facilities to perform this testing. Our state has a wide network of Certified Contract Water Operators (see enclosed [Factsheet DWGB 7-2](#)), as well as experienced municipal water professionals that may be available to assist your staff in developing your testing program. Guidelines to proceed are as follows:

1. Make a list of all faucets where water is available for consumption by children

Use a table such as the following for tracking your sample results and followup actions.

Sample ID	Description	Sample Date	Stagnant Lead, ppb	Followup Actions	Completion Date
01	West Wing Bubbler				
02	Nurses Office Sink				
03	Kitchen Food Prep Sink				
04	Infant Room Sink				

2. Sampling and Communications

In coordination with a [NH certified laboratory](#) (enclosed list), obtain 1-liter, wide-mouth sample bottles for the identified testing locations. Samples must be “first flush” or stagnant at least 6 hours prior to collection. Generally, it works best to collect samples first thing in the morning. Upon receipt of sample results, post them to your website and/or send letters to parents and guardians informing of the results and next steps. From today onward and in conformance with SB247, **notification of results to parents and guardians should be by 5 business days of receipt from the lab.** In addition, the certified laboratories may report electronically to NHDES for compliance with Step 3 (i.e., sample results that prompt remedial action).

3. Remediation

Any locations showing 15 ppb (0.015 mg/L) or higher must be remediated. **Effective immediately, remediation plans shall be submitted to NHDES and implemented by 30 days of the notification of test results to parents / guardians or as soon as practicable.**

Alternate water must be provided until these measures are completed and retested. Remediation will commonly consist of replacing offending fixtures for new “low-lead” faucets, flushing aggressively, and retesting. However, additional steps may be required such as installation of NSF 53 Certified Lead Filters, other water treatment, or plumbing replacements where lead solder is still present. Remediation plans shall be submitted via email, fax or standard mail to:

NHDES Drinking Water and Groundwater Bureau
Lead and Copper Program
29 Hazen Drive, PO Box 95,
Concord, NH 03302-0095
Tel 603-271-2513; Fax 603-271-5171; DWGBInfo@des.nh.gov

We ask that you proceed with this testing as soon as possible to allow the most flexibility in laboratory scheduling and to ensure all remediation actions may be completed prior to the start of the new school year. Questions may be directed to 603-271-2513 and DWGBInfo@des.nh.gov. Additional guidance and copy of this letter may be found at www.des.nh.gov, A to Z Topics, “Lead in Drinking Water”.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'S.P.', with a large, sweeping flourish extending to the right.

Sarah Pillsbury, P.G.
Administrator
Drinking Water and Groundwater Bureau

cc. Public Water System Certified Water Operators

Enclosures

- Accredited Labs Providing Well Water Quality Testing Services
- DES Factsheet DWGB 7-2 Certified Contract Water Operators

Table 1
Accredited Labs Providing Well Water Quality Testing Services
in New Hampshire and Neighboring States¹

LABORATORY NAME	TELEPHONE	ADDRESS	TOWN	STATE	WEBSITE
ABSOLUTE RESOURCE ASSOCIATES LLC	(603) 436-2001	124 HERITAGE AVENUE	PORTSMOUTH	NH	WWW.ABSOLUTERESOURCEASSOCIATES.COM
CON-TEST ANALYTICAL LABORATORY	(413) 525-2332	39 SPRUCE STREET	EAST LONGMEADOW	MA	WWW.CONTESTLABS.COM
EASTERN ANALYTICAL INC.	(603) 228-0525	25 CHENELL DRIVE	CONCORD	NH	WWW.EAILABS.COM
ENDYNE INC	(603) 678-4891	56 ETNA ROAD	LEBANON	NH	WWW.ENDYNELABS.COM
ENDYNE INC	(802) 879-4333	160 JAMES BROWN DRIVE	WILLISTON	VT	WWW.ENDYNELABS.COM
GRANITE STATE ANALYTICAL SERVICES LLC	(603) 432-3044	22 MANCHESTER ROAD, UNIT 2	DERRY	NH	WWW.GRANITESTATEANALYTICAL.COM
MAINE ENVIRONMENTAL LABORATORY	(207) 846-6569	1 MAIN STREET	YARMOUTH	ME	WWW.MAINEENVIRONMENTALLABORATORY.COM
NELSON ANALYTICAL LLC	(603) 622-0200	490 E INDUSTRIAL PARK DRIVE	MANCHESTER	NH	WWW.NELSONANALYTICAL.COM
NELSON ANALYTICAL LLC	(207) 467-3478	120 YORK STREET	KENNEBUNK	ME	WWW.NELSONANALYTICAL.COM
NH DHHS PUBLIC HEALTH LABORATORIES	(603) 271-3445	29 HAZEN DRIVE	CONCORD	NH	WWW.DHHS.NH.GOV/DPHS/LAB/WATER-LAB/INDEX.HTM
REGIONAL WATER AUTHORITY	(203) 401-2700	90 SARGENT DRIVE	NEW HAVEN	CT	WWW.RWALAB.COM
SEACOAST ANALYTICAL SERVICES	(603) 868-1457	ROUTE 125 & 72 PINKHAM ROAD	LEE	NH	WWW.SEACOASTANALYTICAL.COM
CHEMSERVE LABORATORY	(603) 673-5440	317 ELM STREET	MILFORD	NH	WWW.CHEMSERVELAB.COM
EAI ANALYTICAL LABS	(800) 760-4246	33 WHITTEMORE FARM ROAD	SWANZEY	NH	WWW.EAI-LABS.COM

Water Quality Testing for Private (Domestic) Wells: NHDES recommends residents test their well water for all contaminants commonly found in New Hampshire’s groundwater, listed in Table 2 below. Private well owners are encouraged to test their water wells every three to five years for the complete set of contaminants listed below. Contact an accredited laboratory to confirm the lab’s capacity to complete all recommended tests and for pricing. It is not necessary to do all of these tests at one time.

NHDES *Be Well Informed* Private Well App – is an interactive web application for private well owners to interpret water quality test results and identify appropriate water treatment options. Visit <https://www4.des.state.nh.us/DWITool/Welcome.aspx>.

¹ Updated 6.28.2018. Subject to change. For up-to-date information, see <http://www2.des.nh.gov/CertifiedLabs/Certified-Method.aspx>.

ENVIRONMENTAL Fact Sheet



29 Hazen Drive, Concord, New Hampshire 03301 • (603) 271-3503 • www.des.nh.gov

WD-DWGB-7-2

2018

Firms Offering Contract Operator Services for Small Public Water Systems in New Hampshire

Following is an alphabetical listing of firms and individuals certified to provide contract operator services to very small community and non-transient non-community public water systems in New Hampshire. These firms provide a predetermined level of services for a set fee per month or year. NHDES supports this private sector initiative as it generally provides a high level of operator expertise at limited cost to the small water system.

New Hampshire operator certification requirements are established by Administrative Rule Env-Dw 502. **Inclusion on this list does not imply NHDES endorsement.** Please notify the Drinking Water and Groundwater Bureau of any necessary corrections to this list at dwgbinfo@des.nh.gov or (603) 271-2513.

Advance Pump & Filter Co Inc
Charles G. ("Butch") Cleaveland
10 Calef Highway
Lee NH 03861
Tel (603) 868-3212
c.cleaveland@advanceh2o.com
www.advancepumpandfilter.com

Aqua Specialties
Chris Kofer
561 First NH Tpke
Northwood NH 03261
Tel (603) 942-5671
Emr (603) 234-2270
Fax (603) 942-7574
ckofer@aqua-specialties.com

Boutin Plumbing & Heating LLC
Dan Boutin
1231 Brushwood Rd
Pike NH 03780-5515
Tel (603) 989-9880
boutinplumbing@gmail.com

Jason Cornelissen
2 Flanders Rd
Meredith NH 03253
Tel (603) 677-2315
jason.cornelissen@gmail.com

Duffield Engineering & Consulting
Tom Duffield
664 West St
Keene NH 03431
Tel (603) 381-1259
tduffieldpe@yahoo.com

EAI Analytical Labs
Dan Crosby
149 Emerald St, Suite R
Keene NH 03431
Tel (800) 760-4246
chem@eai-labs.com

Epping Well And Pump Co Inc
Henry Deboer
337 Calef Hwy
Epping NH 03042
Tel (603) 679-5299
Fax (603) 679-2348

Pittsfield, NH office:
26A Main St
Pittsfield NH 03263
Tel (603) 435-6616
Fax (603) 435-6716
Emr (603) 679-5299
Info@EppingWell.com

Jack Evans
107 Hardhack Rd
Holderness NH 03245
Tel (603) 536-4580
jackmevansis@gmail.com

Forest Pump and Filter
Jay Levesque
277 Milton Rd
Rochester NH 03868-8718
Tel (603) 332-9037
Fax (603) 335-0445
h20@forestpump.com

FX Lyons Inc
Fran Lyons
PO Box 280
Intervale NH 03845-0280
Tel (603) 356-6767
Emr (603) 356-4057
Fax (603) 356-5107
fxlyons@hotmail.com

Everett E. Houghton Co Inc
Mark Houghton
PO Box 387
Walpole NH 03608
Tel (603) 756-3372
Emr (603) 615-5555
Fax (603) 756-9998
info@eehoughton.com

Gilford Well Co. Inc.
Norman Harris
1440 Lake Shore Rd
Gilford NH 03249
Tel (603) 524-6343
Fax (603) 524-6332
norm3@gilfordwell.com

Granite State Analytical
Corbin Kennedy
22 Manchester Rd Ut 2
Derry NH 03038
Tel (603) 432-3044
Fax (603) 434-4837
ckennedy@granitestateanalytical.com

Hampstead Area Water Services

Stephen Fournier
54 Sawyer Ave
Atkinson NH 03811
Tel (603) 362-5333
Fax (603) 362-4936
sfournier@HampsteadWater.com
www.nhwaterservices.com

Iron Mountain Water Services Co.

Scott Hayes
Green Hill Rd, PO Box 135
Jackson NH 03846-0135
Tel (603) 383-4937
Fax (603) 383-4840
scott@ironmountainwater.com

LRW Water Services Inc

Tom Mason Jr
420 Gov Wentworth Hwy
PO Box 309
Moultonborough NH 03254
Tel (603) 476-5378
Emr (603) 344-5363
Fax (603) 476-2721
lrwater@lakesregionwater.com

Maillets Water Works

Doug Maillet
467 Campbell Mill Rd
Mason NH 03048
Tel (603) 878-3636
info@mailletswaterworks.com

Malcolm Young Water Well

Mark Young
109 Gulf Rd
Derry NH 03038-5934
Tel (603) 966-7951
Emr (603) 893-6473
windhampump1952@aol.com

McBride's Water Advantage LLC

Bill McBride
1911 Dover Rd
PO Box 805
Epsom NH 03234
Tel (603) 736-4470
Emr (603) 736-4472
Fax (603) 736-4474
Bill@mcbridewater.com

New England Service Company

Alex Crawshaw
32 Artisan Ct Unit 2
Gilford NH 03249
Tel (603) 293-8580
customerservice@newenglandservicecompany.com

Northeast Engineering PLLC

Jim Donison
95 Quaker St
Weare NH 03281
Tel (603) 529-7070
Fax (603) 529-7071
northeasteng@comcast.net

P2 Environmental

Patricia Mulroy Beavers
19 Johnson Cir
Tunbridge VT 05077-9552
Tel (802) 763-3937
Emr (802) 384-0421
Fax (802) 763-3937
beaves@sover.net

Blue Rock Environmental

A Dana Arey
12 Donahue Drive
Enfield New Hampshire 03748
Tel (603) 304-8585
bluerockenv@gmail.com

Pennichuck East Utilities

Chris Countie
25 Manchester St, PO Box 1947
Merrimack NH 03054-1947
Tel (603) 913-2372
Emr (603) 913-2370
Fax (603) 913-2305
chris.countie@pennichuck.com

Pump Systems Inc

John Benham
PO Box 6101
Franklin NH 03235-6101
Tel (603) 934-7100
Emr (603) 659-8079
Fax (603) 934-0317
info@pumpsystemsinc.com

Secondwind Water Systems

Steve Guercia
735 E Industrial Park Dr
Manchester NH 03109
Tel (603) 641-5767
Fax (603) 641-8518
sgg@secondwindwater.com

Simply Water

Ian Hayes
PO Box 972
Glen NH 03838
Tel (603) 986-5346
ian@simplywaternh.com

Thursty Water Systems

Scott M. Thurston
76 Pine Hill Rd
PO Box 2248
Wolfeboro NH 03894
Tel (866) 551-4545
Emr (603) 569-1569
Fax (603) 569-9053
thursty@thurstywater.com

US Water Consultants Inc

Mark Widdison
46 Lowell Rd Ste 4
Windham NH 03087
Tel (603) 893-8833
Emr (603) 235-2036
Fax (603) 893-0375
mark@uswaterconsultants.com

Utility Partners

Rob Lauricella
Water & Wastewater
338 Plains Road
Claremont NH 03743
Tel (603) 543-0680
Fax (603) 542-3276
rlauricella@utilitypartnersllc.com

The Water Store

Dana Boudrieau
1032A Route 119
Rindge NH 03461
Tel (603) 899-6680
Fax (603) 899-6800
thewaterstorenh@gmail.com

WSO Plus Inc

Joe Damour
405 Flanders Rd
PO Box 68
Henniker NH 03242
Tel (603) 428-3525
Fax (603) 428-3764
waterjoe@aol.com

The Water Techs Inc

Ryan Hood
PO Box 654
Derry NH 03038
Tel (603) 421-6164
rhood@thewatertechsnh.com

WhiteWater Inc

Eric Burkett
615 River Rd
Bow NH 03304
Tel (603) 377-7678
eburkett@rhwhite.com

Welch Water & Wastewater

Terry Welch
113 Hildreth Rd
Whitefield NH 03598
Tel (603) 837-2332
Page (603) 771-9524
Fax (603) 837-2615
twelch@together.net

Yankee Pump And Filter Co

Stan Oliver
PO Box 697
Barrington NH 03825
Tel (603) 868-7200
Fax (603) 868-6257
yankeepumpnh@gmail.com

Young Brothers Well And Pump Co

Michael Young
36 Pelham Rd
Salem NH 03079
Tel (603) 898-2504
Emr (603) 231-3303
Fax (603) 898-0556



ATTACHMENT II - PHOTOGRAPHIC LOG



	
Photo No. 1 GZ-09: Room 6 Sink Elementary/Middle School	Photo No. 2 GZ-09: Room 6 Sink Filter
	
Photo No. 3 GZ-13: Room 4 Sink Elementary/Middle School	Photo No. 4 GZ-13: Room 6 Sink Filter
	
Photo No. 5 GZ-24: Room 18 (Kitchen) Main Sink Elementary/Middle School	Photo No. 6 GZ-24: New Kitchen Sink Piping



PHOTOGRAPHIC LOG
Client: Monarch School of New England
Site Location: 105 Eastern Avenue (Elementary/Middle School) & 13 Monarch Way (High School/Vocational Center) - Rochester, New Hampshire
Project No.: 04.0190977.02



Photo No. 7	GZ-24: New Kitchen Sink Piping
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ATTACHMENT III - EAI ANALYTICAL RESULTS

Emma Bennett
GZA GeoEnvironmental, Inc. (NH)
5 Commerce Park North, Suite 201
Bedford, NH 03110



Laboratory Report for:

Eastern Analytical, Inc. ID: 265755
Client Identification: Monarch School | 04.0190977.02
Date Received: 8/25/2023

Enclosed are the analytical results per the Chain of Custody for sample(s) in the referenced project. All analyses were performed in accordance with our QA/QC Program, NELAP and other applicable state requirements. All quality control criteria was within acceptance criteria unless noted on the report pages. Results are for the exclusive use of the client named on this report and will not be released to a third party without consent.

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the written approval of the laboratory.

The following standard abbreviations and conventions apply to all EAI reports:

- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery

Certifications:

Eastern Analytical, Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269), Vermont (VT1012), New York (12072) and West Virginia (9910C). Please refer to our website at www.easternanalytical.com for a copy of our certificates and accredited parameters.

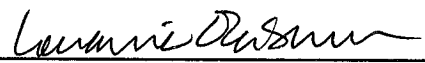
References:

- EPA 600/4-79-020, 1983
- Standard Methods for Examination of Water and Wastewater, 20th, 21st, 22nd & 23rd edition or noted revision year.
- Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- Hach Water Analysis Handbook, 4th edition, 1992
- ASTM International

If you have any questions regarding the results contained within, please feel free to contact customer service. Unless otherwise requested, we will dispose of the sample(s) 6 weeks from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

9.11.23
Date



SAMPLE CONDITIONS PAGE

EAI ID#: 265755

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **Monarch School | 04.0190977.02**

Temperature upon receipt (°C): 0.4

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date/Time Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
265755.01	GZ-09 Elementary/Middle School, Room 6 Sink	8/25/23	8/25/23 08:34	aqueous		Adheres to Sample Acceptance Policy
265755.02	GZ-13 Elementary/Middle School, Room 4 Sink	8/25/23	8/25/23 08:30	aqueous		Adheres to Sample Acceptance Policy
265755.03	GZ-24 Elementary/Middle School, Room 18 (Kitchen) Main Sink	8/25/23	8/25/23 08:40	aqueous		Adheres to Sample Acceptance Policy

All results contained in this report relate only to the above listed samples.

Unless otherwise noted:

- Hold times, preservation, container types, and sample conditions adhered to EPA Protocol.
- Solid samples are reported on a dry weight basis, unless otherwise noted. pH/Corrosivity, Flashpoint, Ignitability, Paint Filter, Conductivity and Specific Gravity are always reported on an "as received" basis.
- Analysis of pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite were performed at the laboratory outside of the recommended 15 minute hold time.
- Samples collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures.



LABORATORY REPORT

EAI ID#: 265755

Client: **GZA GeoEnvironmental, Inc. (NH)**
 Client Designation: **Monarch School | 04.0190977.02**

Sample ID: GZ-09
 Elementary/Middle
 School, Room 6
 Sink

Lab Sample ID: 265755.01

Matrix: aqueous

Date Sampled: 8/25/23

Date Received: 8/25/23

Lead < 0.001

RL	Analytical Matrix	Units	Analysis Date	Method	Analyst
0.001	AqTot	mg/L	8/28/23	200.8	DS

Sample ID: GZ-13
 Elementary/Middle
 School, Room 4
 Sink

Lab Sample ID: 265755.02

Matrix: aqueous

Date Sampled: 8/25/23

Date Received: 8/25/23

Lead < 0.001

RL	Analytical Matrix	Units	Analysis Date	Method	Analyst
0.001	AqTot	mg/L	8/28/23	200.8	DS



LABORATORY REPORT

EAI ID#: 265755

Client: GZA GeoEnvironmental, Inc. (NH)

Client Designation: Monarch School | 04.0190977.02

Sample ID: GZ-24 Elementary/Middle
School, Room 18
(Kitchen) Main Sink

Lab Sample ID: 265755.03

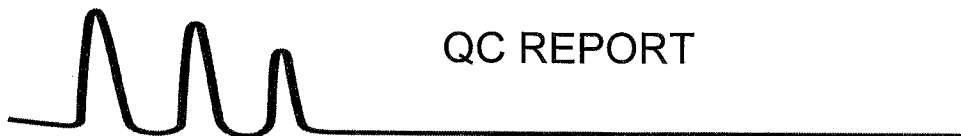
Matrix: aqueous

Date Sampled: 8/25/23

Date Received: 8/25/23

Lead 0.018

RL	Analytical Matrix	Units	Analysis Date	Method	Analyst
0.001	AqTot	mg/L	8/28/23	200.8	DS



QC REPORT

EAI ID#: **265755**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **Monarch School | 04.0190977.02**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Lead	< 0.001	0.20 (101 %R)		NA mg/L	8/28/23	85 - 115	20	200.8

*! Flagged analyte recoveries deviated from the QA/QC limits. Unless noted, flagged data does not impact the sample data.

From: Emma Bennett <Emma.Bennett@gza.com>
Sent: Monday, August 28, 2023 8:20 AM
To: Sarah Lesniak
Subject: RE: Login Confirmation SRB#265755 Client ID: Monarch School | 04.0190977.02

Hi Sarah,

Could you please change the names to include the locations as specified below:

- GZ-09 Elementary/Middle School, Room 6 Sink
- GZ-13 Elementary/Middle School, Room 4 Sink
- GZ-24 Elementary/Middle School, Room 18 (Kitchen) Main Sink

Thank you!

Emma Bennett, EIT
Engineer I
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o: 603.232.8736 | c: 603.505.0902 | emma.bennett@gza.com | www.gza.com | LinkedIn

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-----Original Message-----

From: Sarah Lesniak <SarahL@easternanalytical.com>
Sent: Friday, August 25, 2023 4:57 PM
To: Emma Bennett <Emma.Bennett@gza.com>
Subject: [EXTERNAL] EAI: Login Confirmation SRB#265755 Client ID: Monarch School | 04.0190977.02

Please review the following Log-in data for accuracy, and notify the lab if changes are needed.

EAI Project ID#: -400
EAI Sample Receipt Batch ID#: 265755
Your Project Name/ID#: Monarch School | 04.0190977.02 Projected Date of Completion: 9/11/2023 Date Received: 8/25/2023

Billing Information:
GZA GeoEnvironmental, Inc. (NH)
5 Commerce Park North, Suite 201
Bedford, NH 03110

Sample IDs and Test Parameters:

Matrix Sample ID Sampling Date and Time Analytical Matrix Test Parameters