

2150 Smithtown Ave., Suite 3, Ronkonkoma, NY 11779 **T:** 631.580.3191 • **F:** 631.580.3195 • **W:** envirohealth.org

August 2, 2023

Mr. Dennis Pugliese Greenburgh Central School District 475 West Hartsdale Avenue Hartsdale, NY 10530

Re: Richard Bailey Elementary School Legionella Water Testing 33 West Hillside Avenue, White Plains, NY

Dear Mr. Pugliese,

On July 19, 2023 at the request of Greenburgh Central School District, Enviroscience Consultants performed limited potable water testing at Richard Bailey Elementary School. The intent of the testing was to characterize for the presence of Legionella within the building's water system after treatment of the water.

Sampling was performed at three locations within the building. Locations tested include;

- Boiler Room Hot Water Tank
- Kitchen Hot Water Faucet (Rear/Right)
- 3<sup>rd</sup> Floor Boys Bathroom Sink (left)

The samples were placed in laboratory supplied containers. properly preserved, and transported to New York Environmental for analysis. Additionally, a chain-of-custody form was completed to document the sequence of each sample possession.

Results from the testing revealed none of the three samples contained detectable levels of Legionella, indicating the water treatment performed was successful.

Please see attached chains of custody and sample results for the collected samples.

Should you have any questions about these results, please do not hesitate to contact me.

Sincerely,

Drew Cheskin Industrial Hygienist



## **Laboratory Report**

Report No.: 233781-25835

August 1, 2023

Enviroscience Consultants, Inc. 2150 Smithtown Avenue Ronkonkoma, NY 11779

Project: Richard Bailey Elementary School; 33 West Hillside Avenue White Plains, NY

Dear Project Manager,

Enclosed is the Laboratory Analytical Report for water sample(s) received on July 19, 2023. New York Environmental analyzed the samples on July 31, 2023 for presence of Legionella(e) by ISO Method 11731 (2017).

If there are any questions regarding the analyses, please feel free to contact us at your convenience. New York Environmental is a NELAP accredited laboratory. Attached reported results meet the requirements of the NELAP standards unless otherwise noted.

Samples' analytical results relate only to the samples tested, in the condition received by the laboratory. This report shall not be reproduced except in its entirety without written approval of the laboratory.

We sincerely thank you for your business, and look forward to being of service for your future environmental testing needs.

Sincerely,

Li Tsang, Laboratory Director

|                    | 0007400004                            |               |      | <u> </u>   | =/40/0000 | 10.00   |
|--------------------|---------------------------------------|---------------|------|------------|-----------|---------|
| Lab Sample ID:     | 230719Q004                            |               |      | Collected: | 7/19/2023 | 13:02   |
| Client ID:         | 1                                     |               |      | Received:  | 7/19/2023 | 15:00   |
| Description:       | Boiler Room - Hot Water Tank          |               |      |            |           |         |
| Parameter          | Method                                | Analysis Date | LOQ  | Result     | Units     | Flag(s) |
| Colony Count       | ISO 11731 (2017)                      | 07/31/23      | 0.10 | ND         | CFUs/mL   |         |
| Vol. Examined      |                                       | 07/20/23      | n/a  | 10.4       | mL        |         |
| Incubation Time In | Time                                  | 07/20/23      | n/a  | 16:00      | hh:mm     |         |
| Incubation Time Ou | t Time                                | 07/31/23      | n/a  | 14:00      | hh:mm     |         |
| Residual Cl        | Chlorine Strip                        | 07/20/23      | 0.1  | <0.1       | ppm       |         |
| Received Temp.     |                                       | 07/19/23      | n/a  | 28.2       | °C        |         |
| Lab Sample ID:     | 230719Q005                            |               |      | Collected: | 7/19/2023 | 13:08   |
| Client ID:         | 2                                     |               |      | Received:  | 7/19/2023 | 15:00   |
| Description:       | Kitchen Hot Water Faucet (Rear/Right) |               |      |            |           |         |
| Parameter          | Method                                | Analysis Date | LOQ  | Result     | Units     | Flag(s) |

| Parameter           | Method           | Alialysis Date | LUQ  | Resuit | Ullits  | riay(s) |
|---------------------|------------------|----------------|------|--------|---------|---------|
| Colony Count        | ISO 11731 (2017) | 07/31/23       | 0.10 | ND     | CFUs/mL |         |
| Vol. Examined       |                  | 07/20/23       | n/a  | 10.2   | mL      |         |
| Incubation Time In  | Time             | 07/20/23       | n/a  | 16:00  | hh:mm   |         |
| Incubation Time Out | Time             | 07/31/23       | n/a  | 14:00  | hh:mm   |         |
| Residual Cl         | Chlorine Strip   | 07/20/23       | 0.1  | <0.1   | ppm     |         |
| Received Temp.      |                  | 07/19/23       | n/a  | 28.2   | °C      |         |
|                     |                  |                |      |        |         |         |

 Lab Sample ID:
 230719Q006
 Collected:
 7/19/2023
 13:14

 Client ID:
 3
 Received:
 7/19/2023
 15:00

 Description:
 3rd Floor Boys Bathroom Sink (Left)
 15:00

| Parameter           | Method           | Analysis Date | LOQ  | Result | Units   | Flag(s) |
|---------------------|------------------|---------------|------|--------|---------|---------|
| Colony Count        | ISO 11731 (2017) | 07/31/23      | 0.09 | ND     | CFUs/mL |         |
| Vol. Examined       |                  | 07/20/23      | n/a  | 10.6   | mL      |         |
| Incubation Time In  | Time             | 07/20/23      | n/a  | 16:00  | hh:mm   |         |
| Incubation Time Out | Time             | 07/31/23      | n/a  | 14:00  | hh:mm   |         |
| Residual Cl         | Chlorine Strip   | 07/20/23      | 0.1  | <0.1   | ppm     |         |
| Received Temp.      |                  | 07/19/23      | n/a  | 28.2   | °C      |         |

## Comment(s) and Abbreviation(s):

CFUs: Colony Forming Units

ND: Not Detected

LOQ: Limit of Quantitation



Page <u>J</u> of <u>L</u>



NYEA Project No.

Temp.

## **Chain of Custody - Chemistry**

|                          |   |   | Gliani O               | i Custody -               | Cilcilisti                               | У                          |                          |             |
|--------------------------|---|---|------------------------|---------------------------|--|----------------------------|--------------------------|-------------|
| Client                   | Client Enviroscience Consultants                        |   |                        |                           | Client<br>Proj. ID 23906 Date 07/19/2023 |                            |                          | Notes       |
| Project                  | Project Greenburgh CSD Richard Bailey Elementary School |   |                        |                           | Richard                                  | Bailey Elementary S        | Bailey Elementary School |             |
| Tech Drew Cheskin Signed |   |   | Address                | 33 West                   | t Hillside Avenue                        |                            |                          |             |
| Turnaround 2 weeks       |   |   | White Plains, NY 10607 |                           |  | 1                          |                          |             |
| Sample<br>ID.            | Location and/or Sar                                     | on and/or Sample Description Time of Collection |                        | Material Sampled Analysis |  | # and Type of<br>Container | Preservative (if any)    |             |
| 1                        | Boiler Room - Hot Wate                                  | er Tank   | 13:02                  | Potable \                 | Nater                                    | Legionella                 | 250 ML                   | Na2S203     |
| 2                        | Kitchen Hot Water Fau                                   | cet (Rear/Right)                                | 13:08                  | Potable \                 | Nater                                    | Legionella                 | 250 ML                   | Na2S203     |
| 3                        | 3rd Floor Boys Bathroo                                  | m Sink (Left)                                   | 13:14                  | Potable <sup>1</sup>      | Nater                                    | Legionella                 | 250 ML                   | Na2S203     |
|                          |   |   |                        |                           |  |                            |                          |             |
|                          |   |   |                        |                           |  |                            |                          |             |
|                          |   |   |                        |                           |  |                            |                          |             |
|                          |   |   |                        |                           |  |                            |                          |             |
|                          |   |   |                        |                           |  | 230719                     | 2004 - Qox               |             |
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|                          |   |   |                        |                           |  |                            |                          |             |
|                          |   |   |                        |                           |  |                            |                          |             |
| Relinquished:            | Drew Ches   | ikin s  | Signature:             | 2                         |  |                            | 7/19/23                  | Time: 14:45 |
| Received :               | Michele Wied  | ersum s   | Signature: <i>M</i>    | Mu                        |  | Date                       | 7/19/23                  | Time: 15:00 |
| b Use Onl                | y:  |   |                        |                           |  |                            |                          |             |

Analyst Initials

Analysis Date: