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October 12, 2022

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 September 29, 2022 at the request of Greenburgh Central School District, EnviroScience Consultants performed limited potable water testing at the 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.

Previous sampling completed on September 1, 2022 indicated detectable levels of Legionella in three of four sampling locations tested. The district performed corrective actions before the new round of sampling to evaluate the hot water systems was performed.

Sampling was performed at the three locations within the building which returned positive for Legionella from the September 1, 2022 testing. Locations tested include;

- Boiler Room - Hot Water Tank
- Kitchen Hot Water Faucet
- 3<sup>rd</sup> Floor Boy's 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 three samples contained detectable levels of Legionella, indicating the corrective actions performed were 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,

A handwritten signature in black ink, reading "Kathryn Loddengaard". The signature is fluid and cursive, with the first name "Kathryn" being more prominent than the last name "Loddengaard".

Kathryn Loddengaard  
Department Manager of Environmental Studies

**Laboratory Report**

Report No.: 2225130-23227

October 11, 2022

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 September 29, 2022. New York Environmental analyzed the samples on October 10, 2022 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,



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Li Tsang, Laboratory Director

<b>Lab Sample ID:</b>	220929P001	<b>Collected:</b>	9/29/2022	10:35
<b>Client ID:</b>	1	<b>Received:</b>	9/29/2022	12:38
<b>Description:</b>	Boiler Room - Hot Water Tank			

Parameter	Method	Analysis Date	LOQ	Result	Units	Flag(s)
Colony Count	ISO 11731 (2017)	10/10/22	0.05	ND	CFUs/mL	
Vol. Examined		09/29/22	n/a	19.1	mL	
Incubation Time In	Time	09/29/22	n/a	16:10	hh:mm	
Incubation Time Out	Time	10/10/22	n/a	14:40	hh:mm	
Residual Cl <sub>2</sub>	Chlorine Strip	09/29/22	0.1	<0.1	ppm	
Received Temp.		09/29/22	n/a	33	°C	

<b>Lab Sample ID:</b>	220929P002	<b>Collected:</b>	9/29/2022	10:40
<b>Client ID:</b>	2	<b>Received:</b>	9/29/2022	12:38
<b>Description:</b>	Kitchen Hot Water Faucet			

Parameter	Method	Analysis Date	LOQ	Result	Units	Flag(s)
Colony Count	ISO 11731 (2017)	10/10/22	0.06	ND	CFUs/mL	
Vol. Examined		09/29/22	n/a	18.2	mL	
Incubation Time In	Time	09/29/22	n/a	16:10	hh:mm	
Incubation Time Out	Time	10/10/22	n/a	14:40	hh:mm	
Residual Cl <sub>2</sub>	Chlorine Strip	09/29/22	0.1	<0.1	ppm	
Received Temp.		09/29/22	n/a	33	°C	

<b>Lab Sample ID:</b>	220929P003	<b>Collected:</b>	9/29/2022	10:46
<b>Client ID:</b>	3	<b>Received:</b>	9/29/2022	12:38
<b>Description:</b>	3rd Floor Boys Bathroom Sink			

Parameter	Method	Analysis Date	LOQ	Result	Units	Flag(s)
Colony Count	ISO 11731 (2017)	10/10/22	0.05	ND	CFUs/mL	
Vol. Examined		09/29/22	n/a	20.7	mL	
Incubation Time In	Time	09/29/22	n/a	16:10	hh:mm	
Incubation Time Out	Time	10/10/22	n/a	14:40	hh:mm	
Residual Cl <sub>2</sub>	Chlorine Strip	09/29/22	0.1	<0.1	ppm	
Received Temp.		09/29/22	n/a	33	°C	

**Comment(s) and Abbreviation(s):**

CFUs: Colony Forming Units

ND: Not Detected

LOQ: Limit of Quantitation



