Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

F4F1020

Freeport Area School District

Eric Mailki
PO BOX C
Freeport, PA 16229

Project Name: Legionella Testing

Project / PO Number: N/A
Received: 06/24/2024
Reported: 07/05/2024

Analytical Testing Parameters

Client Sample ID: Buffalo Elem - Buff-KC-004
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-01
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 14:10

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Buffalo Elem - Buff-EC-012
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-02
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 14:31

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Buffalo Elem - Buff-EC-013
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-03
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 14:37

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Buffalo Elem - Buff-NS-018
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-04
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 14:52

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: South Buffalo Elem - SB-NS-002
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-05
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 12:50

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: South Buffalo Elem - SB-KC-005
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-06
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 13:00

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: South Buffalo Elem - SB-EC-011
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-07
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 13:21

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: South Buffalo Elem - SB-EC-018
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-08
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 13:45

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Middle School - MS-NS-001
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-09
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 10:52

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Middle School - MS-TL-004
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-10
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 11:06

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Middle School - MS-Spec ED-021
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-11
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 12:30

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Middle School - MS-KS-009
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-12
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 11:23

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Middle School - MS-Trainer-022
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-13
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 12:35

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: High School - HS-CF-006
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-14
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 8:48

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: High School - HS-EC-010
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-15
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 9:02

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: High School - HS-CF-016
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-16
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 9:30

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	Y	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: High School - HS-KS-021
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-17
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 9:58

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: High School - HS-NS-027
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-18
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 10:16

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Admin Bldg, Office Sink
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-19
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 10:30

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Client Sample ID: Stadium, Kitchen Sink
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-20
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 10:40

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

F4F1020

Client Sample ID: Kelly Bldg, CF-001
Sample Matrix: Drinking Water
Lab Sample ID: F4F1020-21
Collected By: Tim McLaughlin
Collection Date: 06/24/2024 13:58

Analyses Performed by: Microbac Laboratories, Inc. - Chicagoland

Microbiology	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: Legiolert								
Legionella pneumophilia	<1.0		1.0	MPN/100mL	**Y**	06/25/24 1754	07/02/24 1719	SAD

*Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.*

Definitions

MPN/100mL Most Probable Number per 100 Milliliters
RL: Reporting Limit
Y: This analyte is not on the laboratory's current scope of accreditation.

Project Requested Certification(s)

Microbac Laboratories, Inc. - Chicagoland
12006
68-04863

New York State Department of Health
Pennsylvania Department of Environmental Protection

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:

Carolyn Vollentine
Service Center Manager
Reported: 07/05/2024 14:21

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Chain of Custody

Microbac Laboratories, Inc. - Erie

Lab Contact: Carolyn Vollentine

F4F1020

TAT 7 days

Freeport Area School District

Eric Mailki
PO BOX C
Freeport, PA 16229
Phone: (724) 295-5143
mailki@freeport.k12.pa.us

Project Name: Legionella Testing

Project/PO Number: N/A
Tenatively Scheduled: 6/21/2024
Route: 24

Client Sample ID: Buffalo Elem - Buff-KC-004
Lab Sample ID: F4F1020-01
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 14:10
Type:

Analysis	Method	Field Results/Comments	Hold Time
200.7 Al	EPA 200.7, Rv. 4.4 (1994)		180 days
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Buffalo Elem - Buff-EC-012
Lab Sample ID: F4F1020-02
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 14:31
Type:

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Buffalo Elem - Buff-EC-013
Lab Sample ID: F4F1020-03
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 14:37
Type:

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Buffalo Elem - Buff-NS-018
Lab Sample ID: F4F1020-04
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 14:52
Type:

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Microbac Laboratories, Inc. – Erie

Lab Contact: Carolyn Vollentine

F4F1020

Freeport Area School District

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Project Name: Legionella Testing

Project/PO Number: N/A
Tematively Scheduled: 6/21/2024
Route:

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: South Buffalo Elem - SB-NC-002 SB-NS-002
Lab Sample ID: F4F1020-05 TKm 6-24-24
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 12:50

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: South Buffalo Elem - SB-KC-005
Lab Sample ID: F4F1020-06
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 13:00

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: South Buffalo Elem - SB-EC-011
Lab Sample ID: F4F1020-07
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 13:21

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Freeport Area School District

Eric Mailki
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Phone: (724) 295-5143
mailki@freeport.k12.pa.us

Project Name: Legionella Testing

Project/PO Number: N/A
Tentatively Scheduled: 6/21/2024
Route:

Client Sample ID: South Buffalo Elem - SB-EC-018
Lab Sample ID: F4F1020-08
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 13:45

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Middle School - MS-NS-001
Lab Sample ID: F4F1020-09
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 10:52

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Middle School - MS-TL-004
Lab Sample ID: F4F1020-10
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 11:06

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Middle School - MS-Spec ED-021
Lab Sample ID: F4F1020-11
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 12:30

Analysis	Method	Field Results/Comments	Hold Time

Freeport Area School District

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mailki@freeport.k12.pa.us

Project Name: Legionella Testing

Project/PO Number: N/A
Tenatively Scheduled: 6/21/2024
Route:

Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Middle School - MS-KS-009
Lab Sample ID: F4F1020-12
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 11:23
Type:

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: Middle School - MS-Trainer-022
Lab Sample ID: F4F1020-13
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 12135
Type:

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

Client Sample ID: High School - HS-CF-006
Lab Sample ID: F4F1020-14
Matrix: Drinking Water
Sampled Date & Time: 6-24-24 8:48
Type:

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
		Container(s)	Designator
		120ml-Bottle LDPE-Sterile, Na2S2O3	A

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Microbac Laboratories, Inc. - Erie

Lab Contact: Carolyn Vollentine

F4F1020

Freeport Area School District

Eric Mailki
PO BOX C
Freeport, PA 16229
Phone: (724) 295-5143
mailki@freeport.k12.pa.us

Project Name: Legionella Testing

Project/PO Number: N/A
Tenatively Scheduled: 6/21/2024
Route:

Client Sample ID: High School - HS-EC-010
Lab Sample ID: F4F1020-15
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 9:02

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
✓		Container(s): 120ml-Bottle LDPE-Sterile, Na2S2O3	Designator: A

Client Sample ID: High School - HS-CF-016
Lab Sample ID: F4F1020-16
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 9:30

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
✓		Container(s): 120ml-Bottle LDPE-Sterile, Na2S2O3	Designator: A

Client Sample ID: High School - HS-KS-021
Lab Sample ID: F4F1020-17
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 9:58

Analysis	Method	Field Results/Comments	Hold Time
Legionella Legiolert	Legiolert		2 days
✓		Container(s): 120ml-Bottle LDPE-Sterile, Na2S2O3	Designator: A

Client Sample ID: High School - HS-NS-027
Lab Sample ID: F4F1020-18
Matrix: Drinking Water
Type:
Sampled Date & Time: 6-24-24 10:16

Analysis	Method	Field Results/Comments	Hold Time

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Microbac Laboratories, Inc. – Erie

Lab Contact: Carolyn Vollentine

F4F1020

Freeport Area School District

Eric Mailki
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Phone: (724) 295-5143
mailki@freeport.k12.pa.us

Project Name: Legionella Testing

Project/PO Number: N/A
Tenatively Scheduled: 6/21/2024
Route:

Legionella Legiolert	Legiolert	2 days

	Container(s)	Designator
	120ml-Bottle LDPE-Sterile, Na2S2O3	A

Sampled/Relinquished by: [signature]	Date/Time: 6-24-24 17:00	Received by: [signature]	Date/Time: 6-24-24 1700
Printed Name: Tim McLaughlin		Printed Name: Carolyn Vollentine	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name:		Printed Name:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Printed Name:		Printed Name:	

As Received at Laboratory: On Ice: (Yes) / No Temp: 4-8 °C Thermometer ID: TS24 Custody Seal: Yes / No / NA

Total Containers: 18.00

Microbac Laboratories may be unable to perform a portion of the requested testing in which case we will subcontract the analysis to an appropriately accredited laboratory. By signing this document you are acknowledging that you have been informed by Microbac that testing could be subcontracted and agree with this arrangement.

Notes:

19) ADMIN BLDG, OFFICE SINK 6-24-24 10:20

20) STADIUM, KITCHEN SINK 6-24-24 10:40

21) KELLY BLDG, CF-001 6-24-24 13:58

Sent via Fedex

6-24-24

17:35