



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

17L1431

Gannett Fleming, Inc.

Project Name: BASD - Summit Elementary

Eric Buzza  
Foster Plaza III, Suite 200, 601 Holiday Drive  
Pittsburgh, PA 15220

Project / PO Number: N/A  
Received: 12/19/2017  
Reported: 01/08/2018

Project Special Information

5100445

Analytical Testing Parameters

Client Sample ID:	Girls RR Sink 2	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	12/18/2017 8:50
Lab Sample ID:	17L1431-01		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.856	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

Client Sample ID:	Janitors Slop Sink	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	12/18/2017 9:18
Lab Sample ID:	17L1431-02		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.460	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

Client Sample ID:	Gym Fountain	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	12/18/2017 8:20
Lab Sample ID:	17L1431-03		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.800	1.30 AL	0.010	mg/L		12/21/17 1623	12/29/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257



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<b>Client Sample ID:</b> Phys Ed Fountain	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 8:25
<b>Lab Sample ID:</b> 17L1431-04	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.630	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

<b>Client Sample ID:</b> Fountain by Room 17	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 8:55
<b>Lab Sample ID:</b> 17L1431-05	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.640	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

<b>Client Sample ID:</b> Main Hall Fountain	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 9:22
<b>Lab Sample ID:</b> 17L1431-06	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.495	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

<b>Client Sample ID:</b> Kitchen Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 8:13
<b>Lab Sample ID:</b> 17L1431-07	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.477	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257



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<b>Client Sample ID:</b> Boys RR Far End	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 8:44
<b>Lab Sample ID:</b> 17L1431-08	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.521	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

<b>Client Sample ID:</b> Room 13	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 9:05
<b>Lab Sample ID:</b> 17L1431-09	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.791	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

<b>Client Sample ID:</b> Faculty Room	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 9:10
<b>Lab Sample ID:</b> 17L1431-10	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.549	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1100	12/21/17 1257

<b>Client Sample ID:</b> Room 9	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 8:37
<b>Lab Sample ID:</b> 17L1431-11	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.778	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1250	12/21/17 1557



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<b>Client Sample ID:</b> Boiler Room	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 12/18/2017 9:30
<b>Lab Sample ID:</b> 17L1431-12	

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>							
Copper	0.282	1.30 AL	0.010	mg/L		12/21/17 1623	12/28/17 1625
<b>Method: SM 3113 B-04</b>							
Lead	<0.001	0.015 AL	0.001	mg/L		12/21/17 1250	12/21/17 1557

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

- AL:** US EPA Action Level
- RL:** Reporting Limit
- SMCL:** US EPA Secondary Maximum Contaminant Level

Project Requested Certification(s)

Microbac Laboratories, Inc. - Erie  
PA DEP# 25-00067

PA Department of Environmental Protection  
PADEP Accreditation by Rule

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.

Reviewed and Approved By:



Carolyn Vollenline  
Project Manager  
Reported: 01/08/2018 12:06



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Erie, PA 16509

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Client/Company Name: <b>B450 GF</b>		Contact Name: <b>Eric Burza</b>		Bill To/PO#: <b>B450</b>		Analyses														
Address: <b>Festival Plaza @ Site 400</b>		Potential Hazards: Non-Hazard <input checked="" type="checkbox"/> Hazard <input type="checkbox"/> Radioactive <input type="checkbox"/>																		
City/State/Zip: <b>Pgk PA 15220</b>		Disposal: Dispose of <input checked="" type="checkbox"/> Return <input type="checkbox"/> Retain <input type="checkbox"/>																		
Phone: <b>412 922 5375</b>		Email/Fax: <b>eburza@ghfrt.com</b>																		
Project Name/ID: <b>Summit Elora</b>		Compliance Sample: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		State:																
Sampled By: <b>Eric Burza</b>		Due Date:		Monitoring Period:																
Shipped By:		Tracking #:		PWSID#:																
Type Code: G-Grab C-Composite		Comp. Start:		Comp. Stop:		Preservatives														
Matrix Code: DW-Potable water WW-Nonpotable water SS-Soil/Sludge F-Food S-Swab O-Other																				
Sample Identification	Date Taken	Time Taken	Type		Matrix	Tot. # Cont.	None	HNO3	H2SO4	NaOH	HCl	Thio	Other							
			G	C																
Grok RR Sink 2	12/17/17	8:50	<input checked="" type="checkbox"/>		DW	1														
Juniata Stop Sink		9:18																		
Gym Fountain		8:20																		
Phys Ed Fountain		8:35																		
Fountain by Room 17		8:35																		
Main Hall Fountain		9:22																		
Instructions/Comments:														<p><b>Samples, Containers &amp; COC</b>  <b>Verified as per Sample Receiving Checklist</b>  <b>INITIALS: CMV DATE: 12-30-17</b></p>						
Relinquished By: <b>Eric Burza</b>		Date/Time: <b>12/19/17 11:25</b>		Received By: <b>Anna Barbera</b>		Date/Time: <b>12/16/17 11:25</b>		Temp: <b>21.0 C</b>												
Relinquished By: <b>Anna Barbera</b>		Date/Time: <b>12/14/17 15:15</b>		Received By: <b>Eric Burza</b>		Date/Time: <b>12/14/17 15:15</b>		Intact: <b>Y</b>												
Relinquished By: <b>Eric Burza</b>		Date/Time: <b>12/14/17 17:15</b>		Received By: <b>Anna Barbera</b>		Date/Time: <b>12/14/17 17:15</b>		Intact: <b>N</b>												



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Erie, PA 16509

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Analyses

Client/Company Name: BHDO GF Contact Name: Eric Buzzza

Address: Koster Plaza 8 Suite 200 Bill To/PO#: \_\_\_\_\_

City/State/Zip: Bgk PA 15220

Phone: 412 982 5525 Email/Fax: ebuzzza@ghet.com

Project Name/ID: Summit Eigan Potential Hazards: Non-Hazard  Hazard  Radioactive

Sampled By: Eric Buzzza Disposal: Dispose of  Return  Retain

Shipped By: \_\_\_\_\_ Tracking #: \_\_\_\_\_ Compliance Sample: Yes  No  State: \_\_\_\_\_

Type Code: G-Grab C-Composite Comp. Start: \_\_\_\_\_ Comp. Stop: \_\_\_\_\_ Monitoring Period: \_\_\_\_\_

Matrix Code: DW-Potable water WW-Nonpotable water SS-Soil/Sludge F-Food S-Swab O-Other Preservatives: \_\_\_\_\_

Sample Identification	Date Taken	Time Taken	Type		Matrix	Tot. # Cont.	Preservatives												
			G	C			None	HNO3	H2SO4	NaOH	HCl	Thio	Other						
<u>Kitchen Sink</u>	<u>12/18/17</u>	<u>8:13</u>			<u>DW</u>	<u>1</u>													
<u>Boys QR Ear End</u>		<u>8:44</u>																	
<u>Room 13</u>		<u>9:05</u>																	
<u>Faculty Room</u>		<u>9:10</u>																	
<u>Room 9</u>		<u>8:37</u>																	
<u>Boiler Room</u>		<u>9:50</u>																	

Instructions/Comments: \_\_\_\_\_

Relinquished By: Eric Buzzza Date/Time: 12/18/17 11:25 Received By: Phadustelle 146 Date/Time: 12/18/17 11:25 Temp: 8.0°C

Relinquished By: Phadustelle 146 Date/Time: 12/14/17 17:15 Received By: Phadustelle 146 Date/Time: 12/14/17 15:15 Intact: Y

Relinquished By: Phadustelle 146 Date/Time: 12/14/17 17:15 Received By: Phadustelle 146 Date/Time: 12/14/17 17:15 Intact: N

Relinquished By: Phadustelle 146 Date/Time: 12/14/17 17:15 Received By: Phadustelle 146 Date/Time: 12/14/17 17:15 Intact: N

Samples, Containers & COC Verified as per Sample Receiving Checklist INITIALS: CMV DATE: 12-20-17