



**Gannett Fleming**

*Excellence Delivered As Promised*

June 27, 2017

Dr. Brian Slamecka  
Butler Area School District  
110 Campus Lane  
Butler, PA 16001

Subject: *Butler Area School District  
School District Facilities Lead and Copper Testing*

Dear Dr. Slamecka:

Pursuant to your request please find attached the laboratory report for the follow-up to sampling conducted at the District's Administration Building and Northwest Elementary on June 7, 2017. These analyses were analyzed for lead and copper and were collected due to elevated levels of lead detected in the samples during the initial rounds of sampling at the District's facilities. A copy of the laboratory report is attached to this correspondence.

Sampling at the Administration Building was conducted on the service line delivering water into the building. A first draw sample was collected to characterize the water that enters the building when building operations start in the morning. We also drew samples of water as the water was being flushed through the line to characterize the quality of the water that sat in the service line leading to the school. As is shown on the lab reports, the first draw sample showed a lead detection at 0.007 mg/L – well under the regulatory Action Level of 0.015 mg/L. Copper was present in that sample at 0.205 mg/L. This result is also less than the regulatory Action Level of 1.3 mg/L. The flushed samples showed non-detectable levels of lead and low levels of copper. This suggests that the elevated lead results seen in some of the fixtures in the Administration Building may be due to the fixtures from which those samples were collected.

Sampling of the Teacher's Lounge sink at the Northwest Elementary School was conducted on June 7, 2017. This sampling was done due to a high lead result in the sample collected from that tap during an earlier sampling event. A first draw sample showed a non-detectable level of lead and the copper in the first draw sample was 0.098 mg/L. A flushed sample was drawn as well and likewise showed a non-detectable level of lead. The copper level in the flushed sample was 0.050 mg/L.

Should you have any questions, or desire any additional information, please do not hesitate to contact us.

Sincerely,  
GANNETT FLEMING, INC.

ERIC BUZA  
Senior Operations Specialist

Enclosure

Cc: Les Zang, BASD

Gannett Fleming, Inc.

Foster Plaza 8 • Suite 400 • 730 Holiday Drive • Pittsburgh, PA 15220

t: 412-922-5575 • f: 412-922-3717

[www.gannettfleming.com](http://www.gannettfleming.com)



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

17F1088

Gannett Fleming, Inc.

Project Name: GF BASD

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

Project / PO Number: GF BASD  
Received: 06/07/2017  
Reported: 06/23/2017

Project Special Information

5100445

Analytical Testing Parameters

<b>Client Sample ID:</b>	Outside Tap Admin Bldg 1st Draw	<b>Collected By:</b>	Eric Buzza
<b>Sample Matrix:</b>	Drinking Water	<b>Collection Date:</b>	06/07/2017 5:20
<b>Lab Sample ID:</b>	17F1088-01		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>						
Copper	0.205	0.010	mg/L		06/12/17 0732	06/14/17 1033
<b>Method: SM 3113 B-04</b>						
Lead	0.007	0.001	mg/L		06/22/17 1215	06/22/17 1627

<b>Client Sample ID:</b>	Admin Bldg Outside Flush	<b>Collected By:</b>	Eric Buzza
<b>Sample Matrix:</b>	Drinking Water	<b>Collection Date:</b>	06/07/2017 5:20
<b>Lab Sample ID:</b>	17F1088-02		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>						
Copper	0.069	0.010	mg/L		06/12/17 0732	06/14/17 1033
<b>Method: SM 3113 B-04</b>						
Lead	<0.001	0.001	mg/L		06/22/17 1215	06/22/17 1627

<b>Client Sample ID:</b>	Admin Bldg Outside 2nd Flush	<b>Collected By:</b>	Eric Buzza
<b>Sample Matrix:</b>	Drinking Water	<b>Collection Date:</b>	06/07/2017 5:36
<b>Lab Sample ID:</b>	17F1088-03		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>						
Copper	0.061	0.010	mg/L		06/12/17 0732	06/14/17 1033
<b>Method: SM 3113 B-04</b>						
Lead	<0.001	0.001	mg/L		06/22/17 1215	06/22/17 1627



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

17F1088

<b>Client Sample ID:</b> NW Elem. Teachers Lounge 1st Draw	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 06/07/2017 5:47
<b>Lab Sample ID:</b> 17F1088-04	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>						
Copper	0.098	0.010	mg/L		06/12/17 0732	06/14/17 1033
<b>Method: SM 3113 B-04</b>						
Lead	<0.001	0.001	mg/L		06/22/17 1215	06/22/17 1627

<b>Client Sample ID:</b> NW Elem. Teachers Lounge Flush	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 06/07/2017 5:49
<b>Lab Sample ID:</b> 17F1088-05	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
<b>Method: EPA 200.7, Rv. 4.4</b>						
Copper	0.050	0.010	mg/L		06/12/17 0732	06/14/17 1033
<b>Method: SM 3113 B-04</b>						
Lead	<0.001	0.001	mg/L		06/22/17 1215	06/22/17 1627

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 Vollenbine  
Project Manager  
carolyn.vollenbine@microbac.com  
06/23/2017 17:48