



Microbac Laboratories, Inc. - Erie
 CERTIFICATE OF ANALYSIS

17L1404

Ellwood City School District

Project Name: Lead in Water

Steve Schuster
 501 Crescent Ave.
 Ellwood City, PA 16117

Project / PO Number: N/A
 Received: 12/20/2017
 Reported: 12/27/2017

Analytical Testing Parameters

Client Sample ID:	Perry E.S., Room 12 Sink	Collected By:	Tim McLaughlin
Sample Matrix:	Drinking Water	Collection Date:	12/20/2017 6:45
Lab Sample ID:	17L1404-01		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 0850	12/22/17 1347

Client Sample ID:	Perry E.S., Room 8 Sink	Collected By:	Tim McLaughlin
Sample Matrix:	Drinking Water	Collection Date:	12/20/2017 6:50
Lab Sample ID:	17L1404-02		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 0850	12/22/17 1347

Client Sample ID:	Perry E.S., Room 7 Sink	Collected By:	Tim McLaughlin
Sample Matrix:	Drinking Water	Collection Date:	12/20/2017 6:55
Lab Sample ID:	17L1404-03		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 0850	12/22/17 1347

Client Sample ID:	Perry E.S., Room 4 Bathroom Sink	Collected By:	Tim McLaughlin
Sample Matrix:	Drinking Water	Collection Date:	12/20/2017 7:03
Lab Sample ID:	17L1404-04		

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 0850	12/22/17 1347



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Client Sample ID: Perry E.S., Room 3 Resrtoom Sink	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:11
Lab Sample ID: 17L1404-05	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 0850	12/22/17 1347

Client Sample ID: Perry E.S. Room 2 Sink	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:14
Lab Sample ID: 17L1404-06	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 0850	12/22/17 1347

Client Sample ID: Perry E.S., Room 1 Sink	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:17
Lab Sample ID: 17L1404-07	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Perry E.S., Room 0 Sink	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:21
Lab Sample ID: 17L1404-08	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Stadium, Visitors Locker Room Sink 2	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:30
Lab Sample ID: 17L1404-09	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611



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Client Sample ID: Stadium, Visitors Locker Room Shower	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:34
Lab Sample ID: 17L1404-10	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Stadium, Home Locker Room Shower	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:36
Lab Sample ID: 17L1404-11	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: North Side E.S., Room 109 Sink	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:44
Lab Sample ID: 17L1404-12	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: North Side E.S., Room 108 Sink	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:47
Lab Sample ID: 17L1404-13	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Hartman E.S., Boys Restroom Handsink by MP Room	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:50
Lab Sample ID: 17L1404-14	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611



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Client Sample ID: Lincoln H.S., Fountain by Room 19	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 7:55
Lab Sample ID: 17L1404-15	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Lincoln H.S., Boys Restroom Sink by General Shop	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 8:03
Lab Sample ID: 17L1404-16	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Lincoln H.S., Girls Restroom Sink by Food Lab	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 8:07
Lab Sample ID: 17L1404-17	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Lincoln H.S., Boys Restroom Sink by Room 113	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 8:11
Lab Sample ID: 17L1404-18	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Lincoln H.S., Boys Restroom Sink, 2nd Fir by Library	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 8:15
Lab Sample ID: 17L1404-19	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	0.002	0.001	mg/L		12/22/17 1022	12/22/17 1611



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Client Sample ID: Lincoln H.S., Utility Sink by Room 200	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 8:24
Lab Sample ID: 17L1404-20	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	<0.001	0.001	mg/L		12/22/17 1022	12/22/17 1611

Client Sample ID: Lincoln H.S., 2nd Floor Male Faculty Room Sink by Room 213	Collected By: Tim McLaughlin
Sample Matrix: Drinking Water	Collection Date: 12/20/2017 8:30
Lab Sample ID: 17L1404-21	

Metals, Total	Result	RL	Units	Note	Prepared	Analyzed
Method: SM 3113 B-04						
Lead	0.003	0.001	mg/L		12/22/17 1022	12/22/17 1611

Definitions

- AL: US EPA Action Level
- RL: Reporting Limit

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 Vollentine
Project Manager
Reported: 12/27/2017 08:42