



Microbac Laboratories Inc., Pittsburgh Division
CERTIFICATE OF ANALYSIS

9072594

GANNETT FLEMING, INC.

Project Name: BASD - Broad Street Elementary

ERIC BUZZA
 FOSTER PLAZA III- SUITE 200 601 HOLIDAY DRIVE
 PITTSBURGH, PA 15220

Project / PO Number: N/A
 Received: 07/10/2019
 Reported: 07/23/2019

Project Special Information

5100445

Analytical Testing Parameters

Client Sample ID:	Broad Street Elementary Nurse's Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	07/10/2019 9:32
Lab Sample ID:	9072594-01		

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.004	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1525	JYH

Client Sample ID:	Broad Street Elementary Faculty Lounge Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	07/10/2019 9:40
Lab Sample ID:	9072594-02		

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.029	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1534	JYH

Client Sample ID:	Broad Street Elementary Food Service Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	07/10/2019 9:38
Lab Sample ID:	9072594-03		

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.046	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1537	JYH



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Client Sample ID: Broad Street Elementary Gym Left Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:35
Lab Sample ID: 9072594-04	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1541	JYH

Client Sample ID: Broad Street Elementary Gym Right Fountain	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:35
Lab Sample ID: 9072594-05	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1557	JYH

Client Sample ID: Broad Street Elementary Main Entrance Lft	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:25
Lab Sample ID: 9072594-06	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1600	JYH

Client Sample ID: Broad Street Elementary Main Entrance Rgt	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:25
Lab Sample ID: 9072594-07	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1603	JYH



Microbac Laboratories Inc., Pittsburgh Division

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Client Sample ID: Broad Street Elementary Computer Lab Left	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:42
Lab Sample ID: 9072594-08	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.002	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1606	JYH

Client Sample ID: Broad Street Elementary Computer Lab Right	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:42
Lab Sample ID: 9072594-09	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1610	JYH

Client Sample ID: Broad Street Elementary Rm 22 Left	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:29
Lab Sample ID: 9072594-10	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1613	JYH

Client Sample ID: Broad Street Elementary Rm 22 Right	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:29
Lab Sample ID: 9072594-11	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1616	JYH



Microbac Laboratories Inc., Pittsburgh Division

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Client Sample ID: Broad Street Elementary Nurse's Sink 2	Collected By: Client
Sample Matrix: Drinking Water	Collection Date: 07/10/2019 9:33
Lab Sample ID: 9072594-12	

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.087	0.015 AL	0.001	mg/L		07/16/19 0610	07/22/19 1633	JYH

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

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH 68-01670	PA Department of Environmental Protection
Microbac Laboratories Inc., Pittsburgh Division 02-00257	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
Service Center Manager
Reported: 07/23/2019 16:38

Microbac Erie Division 814.825.8533
 1962 Wager Road eriemm@microbac.com
 Erie, PA 16509

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Work Order #:

Client/Company Name: BA50 GF		Contact Name: Eric Guzza		Analyses	
Address: Postar Plaza 8 Suite 400 730 Holiday Dr		Bill To/PO#:			
City/State/Zip: Pittsburgh PA 15220		Potential Hazards: Non-Hazard <input checked="" type="checkbox"/> Hazard <input type="checkbox"/> Radioactive <input type="checkbox"/>			
Phone: 412 922 8575		Email/Fax: eguzza@gfmet.com			
Project Name/ID: Butler Area 50 Broad St, Elgin		Disposal: Dispose of <input checked="" type="checkbox"/> Return <input type="checkbox"/> Retain <input type="checkbox"/>			
Sampled By: Carina Viorheller		Due Date:		State: PA	
Shipped By:		Tracking #:		Monitoring Period:	
Type Code: G-Grab C-Composite		Comp. Start:		Comp. Stop:	
Matrix Code: DW-Potable water		WW-Nonpotable water		SS-Soil/Sludge	
F-Food		S-Swab		O-Other	
Sample Identification		Date Taken		Time Taken	
Type		G		C	
Matrix		Matrix		Tot. # Cont.	
None		None		1	
HNO3		HNO3		1	
H2SO4		H2SO4		1	
NaOH		NaOH		1	
HCl		HCl		1	
Thio		Thio		1	
Other		Other		1	
Instructions/Comments:		Date/Time:		Received By:	
		7/10/19 1:20		<i>[Signature]</i>	
Temp 25 °C		Date/Time:		Received By:	
Iced: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		Date/Time:		Received By:	
Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		Date/Time:		Received By:	
		Date/Time:		Received By:	



GANNETT FLEMING, INC.
 PM: Carolyn Vollenline

Lead + Copper

BASD Lead Sampling 2019

Facility	Location	Date	Time	
Broad Street Elementary	Nurse's Sink 1	7/10/19	9:32 AM	Bubble 1
Broad Street Elementary	Faculty Lounge Sink	7/10/19	9:40	Bubble 1
Broad Street Elementary	Food Service Sink	7/10/19	9:38 AM	
Broad Street Elementary	Gym Left Fountain	7/10/19	9:35 AM	
Broad Street Elementary	Gym Right Fountain	7/10/19	9:35 AM	
Broad Street Elementary	Main Entrance Lft	7/10/19	9:25 AM	
Broad Street Elementary	Main Entrance Rgt	7/10/19	9:25 AM	
Broad Street Elementary	Computer Lab Left	7/10/19	9:42 AM	
Broad Street Elementary	Computer Lab Right	7/10/19	9:42 AM	
Broad Street Elementary	Rm 22 Left	7/10/19	9:29 AM	
Broad Street Elementary	Rm 22 Right	7/10/19	9:29 AM	
Broad St. Elem.	Nurse Sink 2	7/10/19	9:33 AM #2	Bubble 2



9 0 7 2 5 9 4

GANNETT FLEMING, INC.

PM: Carolyn Vollentine