



**Gannett Fleming**

*Excellence Delivered **As Promised***

November 23, 2020

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

Subject: *Butler Area School District  
Potable Water Lead Testing Results- Center Twp. Elementary*

Dear Dr. White:

Gannett Fleming is pleased to submit the lead testing results for sampling of drinking water fountains at the Butler Area School District's Center Twp. Elementary Building.

This facility receives potable water from the Pennsylvania American Water Company which is the public water supplier for the Butler area.

Sampling was conducted on August 26, 2020 at 20 locations at Center Twp. Elementary.

Sampling was conducted by Gannett Fleming personnel following USEPA recommendations for conducting lead sampling in schools. These requirements include collecting 250 milliliter "first draw" samples. That is, sampling of the fixtures was conducted after they had been allowed to sit stagnant overnight. Sampling was conducted prior to the start of the school day before the buildings were occupied. Each fixture was tagged and taken out of service so that it was not mistakenly used prior to the collection of the first draw sample.

Of the 20 samples collected, none exceeded the USEPA's 0.020 mg/L Action Level for lead in 250 mL first draw samples.

Please find attached the laboratory reports for this testing.

Gannett would like to thank the School District's administrative and maintenance staff for their assistance in completing this project. Please feel free to contact us if you have any questions or comments.

Sincerely,  
GANNETT FLEMING, INC.

*Eric T. Buzza*

ERIC T. BUZZA  
Project Manager

Attachments

cc: Les Zang, Butler Area School District  
GF File

**Gannett Fleming, Inc.**

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

t: 412-503-4343

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



Microbac Laboratories Inc., Pittsburgh Division

## CERTIFICATE OF ANALYSIS

0084751

GANNETT FLEMING, INC.

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

Project Name: BASD - Center Twp. Elementary

Project / PO Number: N/A  
Received: 08/26/2020  
Reported: 09/03/2020

### Project Special Information

5100445

### Analytical Testing Parameters

Client Sample ID: RM 47 Fountain Left  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-01

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:21

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.690	15.0	0.400	ug/L		08/31/20 1706	08/31/20 1706	HNC

Client Sample ID: RM 47 Fountain Right  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-02

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:22

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.36	15.0	0.400	ug/L		08/31/20 1716	08/31/20 1716	HNC

Client Sample ID: Food Service Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-03

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:55

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.886	15.0	0.400	ug/L		08/31/20 1717	08/31/20 1717	HNC

Client Sample ID: Cafeteria Fountain  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-04

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:50

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.569	15.0	0.400	ug/L		08/31/20 1719	08/31/20 1719	HNC

Microbac Laboratories, Inc.

100 Marshall Drive | Warrendale, PA 15086 | 724-772-0610 p | www.microbac.com

Page 1 of 9



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

0084751

Client Sample ID: MP Room Fountain (LFT)  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-05

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:24

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1721	08/31/20 1721	HNC

Client Sample ID: MP Room Fountain (Rgt)  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-06

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:25

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1723	08/31/20 1723	HNC

Client Sample ID: Nurse's Office Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-07

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:26

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.37	15.0	0.400	ug/L		08/31/20 1725	08/31/20 1725	HNC

Client Sample ID: Principal's Office Fountain (Left)  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-08

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:28

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1727	08/31/20 1727	HNC

Client Sample ID: Faculty Lounge Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: 0084751-09

Collected By: Eric Buzza-Client  
Collection Date: 08/26/2020 10:36

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.49	15.0	0.400	ug/L		08/31/20 1729	08/31/20 1729	HNC



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

0084751

Client Sample ID: RM 61 Fount. Left

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-10

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:31

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	3.58	15.0	0.400	ug/L		08/31/20 1731	08/31/20 1731	HNC

Client Sample ID: RM 61 Fount. Right

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-11

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:32

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.93	15.0	0.400	ug/L		08/31/20 1733	08/31/20 1733	HNC

Client Sample ID: RM 72 Fountain

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-12

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:34

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.756	15.0	0.400	ug/L		08/31/20 1743	08/31/20 1743	HNC

Client Sample ID: RM 27 Fountain (Left)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-13

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:44

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1745	08/31/20 1745	HNC

Client Sample ID: RM 27 Fountain (Right)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-14

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:45

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1747	08/31/20 1747	HNC



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

0084751

Client Sample ID: RM 20 Fountain (Left)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-15

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:39

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1748	08/31/20 1748	HNC

Client Sample ID: RM 20 Fountain (Right)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-16

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:40

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1750	08/31/20 1750	HNC

Client Sample ID: RM 14 Sink

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-17

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:41

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.26	15.0	0.400	ug/L		08/31/20 1752	08/31/20 1752	HNC

Client Sample ID: RM 37 Fountain (Left)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-18

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:47

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.402	15.0	0.400	ug/L		08/31/20 1754	08/31/20 1754	HNC

Client Sample ID: RM 37 Fountain (Right)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-19

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:48

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.431	15.0	0.400	ug/L		08/31/20 1756	08/31/20 1756	HNC



Microbac Laboratories Inc., Pittsburgh Division

## CERTIFICATE OF ANALYSIS

0084751

Client Sample ID: Principal Office Fountain (Right)

Sample Matrix: Drinking Water

Lab Sample ID: 0084751-20

Collected By: Eric Buzza-Client

Collection Date: 08/26/2020 10:29

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		08/31/20 1802	08/31/20 1802	HNC

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

RL: Reporting Limit  
ug/L: Micrograms per Liter

### Project Requested Certification(s)

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. **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: 09/03/2020 14:46

Microbac Laboratories, Inc.

100 Marshall Drive | Warrendale, PA 15086 | 724-772-0610 p | [www.microbac.com](http://www.microbac.com)

Page 5 of 9

MICROBAC 1962 Wager Rd., Erie, PA 16509 | 814.825.8533 P | 814.825.9254 F

10/18/23  
08-27-2020

## CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)

Therm ID 55 8/26/20

Holding Time

Samples Received on Ice? Yes ☒ No ☐ N/ACustody Seals Intact? Yes ☒ No ☐ N/A

## Turnaround Time

☒ Routine (5 to 7 business days)☐ Rush\* (notify lab)

(needed by)

## Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDDSend Invoice via: ☐ Mail ☐ Fax ☐ e-mail (address)

PO No.:

Compliance Monitoring? ☐ Yes ☒ No  
☐ Agency/Program

Sampler Phone No.: (412) 503-4343

## Lab Report Address

Client Name: Gannett Fleming

Address: Foster Plaza 8, Suite 400, 730 Holiday Dr.

City, State, Zip: Pittsburgh, PA 15220

Contact: Eric Buzzza

Telephone No.: (412) 503-4343

Send Report via: ☐ Mail ☐ Fax ☐ e-mail (address)

Project: Butler Area School District

Sampled by (PRINT): Eric Buzzza

Sampler Signature: *E. Buzzza*

Location: Center Twp Elementary

Sampler Signature: *E. Buzzza*\* Matrix Types: Sol/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)  
\*\* Preservative Types: (1) HNO<sub>3</sub>, (2) H<sub>2</sub>SO<sub>4</sub>, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

## REQUESTED ANALYSIS

Lab ID

Client Sample ID

Date Collected

Time Collected

No. of Containers

Matrix

Grab / Comp

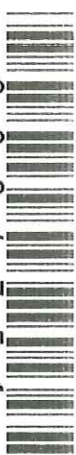
Preservative Types \*\*

Lead

Additional Notes

HNO<sub>3</sub> Preserved  
Date: 8/27/20  
Time: 0915  
Initials: SES

RM47 Fountain Left



0084751

GANNETT FLEMING, INC.

PM: Carolyn Valentine

Possible Hazard Identification

☐ Hazardous☐ Non-Hazardous☐ Radioactive

Sample Disposition

☐ Dispose as appropriate☐ Return☐ Archive

Relinquished By (signature)

Relinquished By (signature)

Relinquished By (signature)

Relinquished By (signature)

Date/Time

Date/Time

Date/Time

Date/Time

Received By (signature)

Received By (signature)

Received By (signature)

Received By (signature)

Date/Time

Date/Time

Date/Time

Date/Time



MICROBAC 1962 Wager Rd., Erie, PA 16509 | 814.825.8533 P | 814.825.9254 F

2 of 53  
08-27-2008

## CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)

Therm ID

Holding Time

Samples Received on Ice? ☒ Yes ☒ No ☒ N/ACustody Seals Intact? ☒ Yes ☒ No ☒ N/A

Turnaround Time  
☒ Routine (5 to 7 business days)  
☐ RUSH\* (notify lab)

(needed by)

Report Type

☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD

Send Invoice via: ☐ Mail ☐ Fax ☐ e-mail (address)

PO No.:

Compliance Monitoring? ☐ Yes ☒ No  
 Agency/Program

Sampler Phone No.: (412) 503-4343

Sampler Signature: *E. Buzzza*

Location: Center Township Elementary

PC No.:

Sampled by (PRINT): Eric Buzzza

Project: Butler Area School District

Send Report via: ☐ Mail ☐ Fax ☐ e-mail (address)

Telephone No.: (412) 503-4343

Contact: Eric Buzzza

City, State, Zip: Pittsburgh, PA 15220

Address: Foster Plaza 8, Suite 400, 730 Holiday Dr.

Client Name: Gannett Fleming

Client Name: Same

Lab Report Address

Invoice Address

\* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)  
 \*\* Preservative Types: (1) HNO<sub>3</sub>, (2) H<sub>2</sub>SO<sub>4</sub>, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS

HNO<sub>3</sub> Preserved  
 Date: 8/27/20  
 Time: 0915  
 Initials: SES

Lab ID

Client Sample ID

Date Collected

Time Collected

No. of Containers

Matrix

Grab / Comp

Preservative Types \*\*

Lead

Additional Notes



GANNETT FLEMING, INC.  
 PM: Carolyn Volentine

Possible Hazard Identification

☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition

☒ Dispose as appropriate ☐ Return ☐ Archive

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

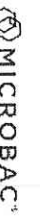
Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time





Pittsburgh Division  
100 Marshall Drive Warrendale, PA 15086  
724.772.0610

30f3

## CHAIN OF CUSTODY RECORD

Number

Instructions on back

Lab Report Address

Client Name:

Address:

City, State, Zip:

Contact:

Telephone No.:

Invoice Address

Client Name:

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

[ ] Routine (5 to 7 business days)

[ ] RUSH\* (notify lab)

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)

Therm ID

Holding Time

Samples Received on Ice? Yes No N/A

Custody Seals Intact? Yes No N/A

[ ] Results Only [ ] Level 1 [ ] Level 2 [ ] Level 3 [ ] Level 4 [ ] EDD

Send Report via: [ ] Mail [ ] Fax [ ] e-mail (address)

Send Invoice via: [ ] Mail [ ] Fax [ ] e-mail (address)

Location:

PO No.:

Compliance Monitoring? [ ] Yes [ ] No

Sampled by (PRINT):

Sampler Signature:

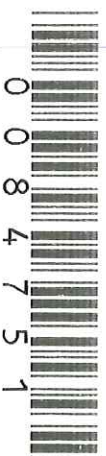
Sampler Phone No.:

\* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

\*\* Preservative Types: (1) HNO<sub>3</sub>, (2) H<sub>2</sub>SO<sub>4</sub>, (3) HCl, (4) NaOH, (5) Zinc Acetate, (6) Methanol, (7) Sodium Bisulfate, (8) Sodium Thiosulfate, (9) Hexane, (U) Unpreserved

## REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
	Center Jwp Elm	08-21-2008	10:41	1	DW X			
	RM 37 fountain left	08-21-2008	10:47	1	DW X			
	RM 37 fountain Right	08-21-2008	10:48	1	DW X			



0084751

GANNETT FLEMING, INC.

PM: Carolyn Volentine

Possible Hazard Identification	[ ] Hazardous	[ ] Non-Hazardous	[ ] Radioactive	Sample Disposition	[ ] Dispose as appropriate	[ ] Return	[ ] Archive
--------------------------------	---------------	-------------------	-----------------	--------------------	----------------------------	------------	-------------

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time

## BASD Lead Sampling 2020

Facility	Location	Date	Time
	Rm 47 Fountain Left	8/26/2020	10:21 AM
Center Twp Elementary	Rm 47 Fountain Right	8/26/2020	10:22 AM
Center Twp Elementary	Food Service Sink	8/26/2020	10:55 AM
Center Twp Elementary	Cafeteria Fountain	8/26/2020	10:50 AM
Center Twp Elementary	MP Room Fountain Lft	8/26/2020	10:24 AM
Center Twp Elementary	MP Room Fountain Rgt	8/26/2020	10:25 AM
Center Twp Elementary	Nurse's Office Sink	8/26/2020	10:26 AM
Center Twp Elementary	Principal Off Fount Lft	8/26/2020	10:28 AM
Center Twp Elementary	Principal Off Fount Rgt	8/26/2020	10:29 AM
Center Twp Elementary	Faculty Lounge Sink	8/26/2020	<del>10:29</del> AM - 10:36
Center Twp Elementary	Rm 61 Fount Left	8/26/2020	<del>10:29</del> AM - 10:31
Center Twp Elementary	Rm 61 Fount Right	8/26/2020	<del>10:29</del> AM - 10:32
Center Twp Elementary	Rm 72 Fountain	8/26/2020	10:34 AM
Center Twp Elementary	Rm 27 Fountain Left	8/26/2020	10:44 AM
Center Twp Elementary	Rm 27 Fountain Right	8/26/2020	10:45 AM
Center Twp Elementary	Rm 20 Fountain Left	8/26/2020	10:39 AM
Center Twp Elementary	Rm 20 Fountain Right	8/26/2020	10:40 AM
Center Twp Elementary	Rm 14 Sink	8/26/2020	10:41 AM
Center Twp Elementary	Rm 37 Fountain Left	8/26/2020	10:47 AM
Center Twp Elementary	Rm 37 Fountain Right	8/26/2020	10:48 AM



0084751

GANNETT FLEMING, INC.

PM: Carolyn Vollentine