



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2085609

GANNETT FLEMING, INC.

Project Name: Butler Area Schools Resampling

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

Project / PO Number: Butler Area Schools Resampling  
Received: 08/31/2022  
Reported: 09/09/2022

Analytical Testing Parameters

Client Sample ID:	Broad St Elem Nurses Office Sink	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	08/31/2022 9:14
Lab Sample ID:	2085609-01		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0208	0.0150	0.000400	mg/L		09/06/22 1130	09/06/22 1130	SEV

Client Sample ID:	Broad St Elem Nurses Exam Sink	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	08/31/2022 9:15
Lab Sample ID:	2085609-02		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0215	0.0150	0.000400	mg/L		09/06/22 1139	09/06/22 1139	SEV

Client Sample ID:	Broad St Elem Faculty Lounge	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	08/31/2022 9:12
Lab Sample ID:	2085609-03		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0124	0.0150	0.000400	mg/L		09/06/22 1141	09/06/22 1141	SEV

Client Sample ID:	Intermediate HS Cafe C Sink	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	08/31/2022 9:40
Lab Sample ID:	2085609-04		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00487	0.0150	0.000400	mg/L		09/06/22 1143	09/06/22 1143	SEV



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<b>Client Sample ID:</b> HS Food Service Prep Sink 2	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:04
<b>Lab Sample ID:</b> 2085609-05	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000496	0.0150	0.000400	mg/L		09/06/22 1144	09/06/22 1144	SEV

<b>Client Sample ID:</b> HS Serving Line Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:05
<b>Lab Sample ID:</b> 2085609-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.00206	0.0150	0.000400	mg/L		09/06/22 1146	09/06/22 1146	SEV

<b>Client Sample ID:</b> HS Nurses Office Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:16
<b>Lab Sample ID:</b> 2085609-07	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000694	0.0150	0.000400	mg/L		09/06/22 1148	09/06/22 1148	SEV

<b>Client Sample ID:</b> HS Nurses Kitchen Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:18
<b>Lab Sample ID:</b> 2085609-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.00421	0.0150	0.000400	mg/L		09/06/22 1150	09/06/22 1150	SEV

<b>Client Sample ID:</b> HS SHS Office Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:20
<b>Lab Sample ID:</b> 2085609-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000931	0.0150	0.000400	mg/L		09/06/22 1151	09/06/22 1151	SEV



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<b>Client Sample ID:</b> HS 400-4 Lower Level Fountain Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022
<b>Lab Sample ID:</b> 2085609-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.00212	0.0150	0.000400	mg/L		09/06/22 1159	09/06/22 1159	SEV

<b>Client Sample ID:</b> HS 603-A Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:08
<b>Lab Sample ID:</b> 2085609-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.0213	0.0150	0.000400	mg/L		09/06/22 1206	09/06/22 1206	SEV

<b>Client Sample ID:</b> HS 603-B Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:14
<b>Lab Sample ID:</b> 2085609-12	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.00632	0.0150	0.000400	mg/L		09/06/22 1208	09/06/22 1208	SEV

<b>Client Sample ID:</b> HS 603-A Sink 1 minute flush	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:09
<b>Lab Sample ID:</b> 2085609-13	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000568	0.0150	0.000400	mg/L		09/06/22 1209	09/06/22 1209	SEV

<b>Client Sample ID:</b> HS 603-B Sink 1 minute flush	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 8:15
<b>Lab Sample ID:</b> 2085609-14	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.0150	0.000400	mg/L		09/06/22 1211	09/06/22 1211	SEV



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<b>Client Sample ID:</b> Center Av Elem Faculty Room Sink Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 9:26
<b>Lab Sample ID:</b> 2085609-15	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.0150	0.000400	mg/L		09/06/22 1213	09/06/22 1213	SEV

<b>Client Sample ID:</b> Center Av Elem Faculty Room Sink Left	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 9:28
<b>Lab Sample ID:</b> 2085609-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.00136	0.0150	0.000400	mg/L		09/06/22 1215	09/06/22 1215	SEV

<b>Client Sample ID:</b> Center Av Elem Food Service Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 9:31
<b>Lab Sample ID:</b> 2085609-17	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.00220	0.0150	0.000400	mg/L			09/06/22 1217	SEV

<b>Client Sample ID:</b> Center Av Elem Gym Boys RR Fountain 1	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 9:29
<b>Lab Sample ID:</b> 2085609-18	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000626	0.0150	0.000400	mg/L		09/06/22 1218	09/06/22 1218	SEV

<b>Client Sample ID:</b> Center Av Elem Gym Boys RR Fountain 2	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 08/31/2022 9:34
<b>Lab Sample ID:</b> 2085609-19	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<b>0.0219</b>	0.0150	0.000800	mg/L		09/07/22 0933	09/07/22 1730	SEV

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.



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Definitions

mg/L: Milligrams per Liter
RL: Reporting Limit

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:

Handwritten signature: Carolyn M. Vollentine

Carolyn Vollentine
Service Center Manager
Reported: 09/09/2022 08:52

Microbac Laboratories, Inc.

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

MICROBAC 100 Marshall Dr., Warrendale, PA 15086 | 724.772.0610 p | 724.772.1686 f



Gannett Fleming, Inc. - Pittsburgh, PA

PM: Carolyn Volentine

Lab Report Address

Client Name: Gannett Fleming, Inc.  
Address: Foster Plaza 8 Suite 400  
730 Holiday Dr.  
City, State, Zip: Pittsburgh, PA 15220  
Contact: Eric Buza  
Telephone No.: (412) 503-4343

Invoice Address

Client Name: Gannett Fleming, Inc.  
Address: Foster Plaza 8 Suite 400  
730 Holiday Dr.  
City, State, Zip: Pittsburgh, PA 15220  
Contact: Eric Buza  
Telephone No.: (412) 503-4343

Turnaround Time

Expedite (5 to 7 business days)  
 RUSH\* (notify lab)

Temperature Upon Receipt (°C)  
Therm ID  
Holding Time  
Samples Received on Ice?  Yes  No  N/A  
Custody Seals Intact?  Yes  No  N/A

22.7

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

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

Project: ~~Water Sampling~~ Buffer Area  
Location: ~~Water Sampling~~ Echols

Location: ~~Water Sampling~~ Echols

Resampling

PO No.:

Compliance Monitoring?  Yes  No  
Agency/Program

Sampled by (PRINT): Eric Buza (ebuza@gnfnet.com)

Sampler Signature: E. Buza

Sampler Phone No.: (412) 503-4343

HNO<sub>3</sub> Preserved  
Date: 8-31-22  
Time: 1:58  
Initials: CEI

\* 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
					AW	G	U	Load
See Attached								
Possible Hazard Identification								
<input checked="" type="checkbox"/> Hazardous		<input type="checkbox"/> Non-Hazardous		<input type="checkbox"/> Radioactive		Sample Disposition		
				<input checked="" type="checkbox"/> Dispose as appropriate		<input type="checkbox"/> Return		<input type="checkbox"/> Archive
Relinquished By (signature)		Date/Time		Received By (signature)		Date/Time		
<i>E. Buza</i>		8/31/22		<i>[Signature]</i>		8/31/22		1134
Relinquished By (signature)		Date/Time		Received By (signature)		Date/Time		
<i>[Signature]</i>				<i>[Signature]</i>				





Gannett Fleming, Inc. - Pittsburgh, PA  
PM: Carolyn Vollentine

Butler Area School District  
Center Ave. Elementary

Location	Date	Time
Faculty Room Sink Right	8/31/22	9:26
Faculty Room Sink Left		9:28
Food Service Sink		9:31
Gym Boys Rest Room Fountain 1		9:29

Gym Boys Rest Room Fountain 2

9:34

Discolored



2 0 8 5 6 0 9

Gannett Fleming, Inc. - Pittsburgh, PA  
 PM: Carolyn Vollenstein

Butler Area School District -- Lead Resampling Locations  
 High School

Location	Date	Time
Food Service Prep Sink 2	8/31/2022	804
Serving Line Sink	8/31/2022	805
Nurses Office Sink	8/31/2022	816
Nurses Kitchen Sink	8/31/2022	818
SHS Office Sink	8/31/2022	820
400-4 Lower Level Fountain Right	8/31/2022	
603-A Sink	8/31/2022	808
603-B Sink	8/31/2022	814

603-A Sink 1 min flush 8/31/2022 809  
 603-B Sink 1 min flush 815





2 0 8 5 6 0 9

Gannett Fleming, Inc. - Pittsburgh, PA

PM: Carolyn Volentine

Butler Area School District

Intermediate HS

Location	Date	Time
<del>Room 15 Sink 1</del>		
Café C Sink	6/31/22	9:40
<del>Wood Shop Fountain</del>		

Butler Area School District  
Broad Street Elementary



2085609  
Gannett Fleming, Inc. - Pittsburgh, PA  
PM: Carolyn Vellentine

Location	Date	Time
Nurses Office Sink	8/31/22	9:14
Nurses Exam sink		9:55
Faculty Lounge		10:22