



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

A3J3895

GANNETT FLEMING, INC. - PITTSBURGH PA

ERIC BUZZA  
Foster Plaza 8 Suite 400 730 Holiday DR  
PITTSBURGH, PA 15220

Project Name: Center Township Elementary Lead

Testing-Butler Area School District

Project / PO Number: N/A

Received: 10/25/2023

Reported: 11/02/2023

Analytical Testing Parameters

Client Sample ID:	Nurses Office Sink	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:29
Lab Sample ID:	A3J3895-01		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000461	0.015	0.000400	mg/L		10/30/23 2000	10/30/23 2000	SEV

Client Sample ID:	Faculty Room Sink 47	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:22
Lab Sample ID:	A3J3895-02		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2010	10/30/23 2010	SEV

Client Sample ID:	Faculty Room 47 F+N EST	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:20
Lab Sample ID:	A3J3895-03		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2013	10/30/23 2013	SEV

Client Sample ID:	Faculty Room 47 Sink Right F+N RT	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:21
Lab Sample ID:	A3J3895-04		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2016	10/30/23 2016	SEV



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<b>Client Sample ID:</b> Food Service Sink	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:23
<b>Lab Sample ID:</b> A3J3895-05	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2018	10/30/23 2018	SEV

<b>Client Sample ID:</b> Cafeteria Fountain	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:25
<b>Lab Sample ID:</b> A3J3895-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2021	10/30/23 2021	SEV

<b>Client Sample ID:</b> MP Room Fountain Left	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:26
<b>Lab Sample ID:</b> A3J3895-07	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2023	10/30/23 2023	SEV

<b>Client Sample ID:</b> MP Room Fountain Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:27
<b>Lab Sample ID:</b> A3J3895-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2026	10/30/23 2026	SEV

<b>Client Sample ID:</b> Principal Office Fountain	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:30
<b>Lab Sample ID:</b> A3J3895-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2028	10/30/23 2028	SEV



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<b>Client Sample ID:</b> Room 61 Fountain Left	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:31
<b>Lab Sample ID:</b> A3J3895-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		10/30/23 2031	10/30/23 2031	SEV

<b>Client Sample ID:</b> Room 61 Fountain Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:33
<b>Lab Sample ID:</b> A3J3895-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		11/01/23 1640	11/01/23 1640	SEV

<b>Client Sample ID:</b> Room 72 Fountain	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:35
<b>Lab Sample ID:</b> A3J3895-12	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		11/01/23 1650	11/01/23 1650	SEV

<b>Client Sample ID:</b> Room 27 Fountain Left	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:41
<b>Lab Sample ID:</b> A3J3895-13	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		11/01/23 1653	11/01/23 1653	SEV

<b>Client Sample ID:</b> Room 27 Fountain Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:42
<b>Lab Sample ID:</b> A3J3895-14	

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	0.015	0.000400	mg/L		11/01/23 1655	11/01/23 1655	SEV



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<b>Client Sample ID:</b> Room 20 Fountain Left	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:39
<b>Lab Sample ID:</b> A3J3895-15	

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	0.015	0.000400	mg/L		11/01/23 1658	11/01/23 1658	SEV

<b>Client Sample ID:</b> Room 20 Fountain Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:40
<b>Lab Sample ID:</b> A3J3895-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		11/01/23 1700	11/01/23 1700	SEV

<b>Client Sample ID:</b> Room 37 Fountain Left	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:44
<b>Lab Sample ID:</b> A3J3895-17	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		11/01/23 1703	11/01/23 1703	SEV

<b>Client Sample ID:</b> Room 37 Fountain Right	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:45
<b>Lab Sample ID:</b> A3J3895-18	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<0.000400	0.015	0.000400	mg/L		11/01/23 1706	11/01/23 1706	SEV

<b>Client Sample ID:</b> Faculty Work Room (Rm 59)	<b>Collected By:</b> Eric Buzza
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:35
<b>Lab Sample ID:</b> A3J3895-19	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000413	0.015	0.000400	mg/L		11/01/23 1708	11/01/23 1708	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

Pennsylvania Department of Environmental Protection
Pennsylvania Department of Environmental Protection - PARULE

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: 11/02/2023 10:59



A 3 J 3 8 9 5  
Gannett Fleming, Inc. - Pittsburgh, PA  
PM: Carolyn Vollenine

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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 Buzza  
Telephone No.: (412) 503-4343  
Send Report via:  Mail  Fax  e-mail (address)  
Project: ~~HH Storm Water Sampling~~ **BASO**  
Sampled by (PRINT): Eric Buzza (ebuzza@gfnet.com)

Invoice Address  
Client Name: Gannett Fleming, Inc.  
Address: Foster Plaza 8 Suite 400  
730 Holiday Dr.  
City, State, Zip: Pittsburgh, PA 15220  
Contact: Eric Buzza  
Telephone No.: (412) 503-4343  
Send Invoice via:  Mail  Fax  e-mail (address)  
Location: ~~North East Terminal~~ **Water Twp, Elk**  
Sampler Signature: *[Signature]*

Turnaround Time  
 Routine (5 to 7 business day)  
 RUSH\* (notify lab)  
Therm ID  
Holding Time: **19.4°C T436**  
Samples Received on Ice?  Yes  No  N/A  
Custody Seals Intact?  Yes  No  N/A  
Report Type  
 Results Only  Level 1  Level 2  Level 3  Level 4  EDD  
Compliance Monitoring?  Yes  No  
 Agency/Program  
Sampler Phone No.: (412) 503-4343

\* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)  
\*\* Preservative Types: (1) HNO3, (2) H2SO4, (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

*See Attached*

*veed*  
*GU*

**HNO3 Preserved**  
HNO3: A305840  
Date: 10/25/23  
Time: 14:33  
Initials: JAC

Possible Hazard Identification Comments:  Hazardous  Non-Hazardous  Radioactive  
Sample Disposition:  Dispose as appropriate  Return  Archive

Relinquished By (signature): <i>[Signature]</i>	Date/Time: <u>10/25/23 12:15</u>	Received By (signature): <i>[Signature]</i>	Date/Time: <u>10/25/23 12:15</u>
Relinquished By (signature):	Date/Time:	Received By (signature):	Date/Time:
Relinquished By (signature):	Date/Time:	Received By (signature):	Date/Time:





A 3 J 3 8 9 5

Butler Area School District

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

Center Twp. Elementary - 20

call by E.B

Location	Date	Time
Nurses Office Sink	10/25/09	8:20 8:29
Faculty Work Room Sink		8:22 8:22
Faculty Room 47 Sink-Left		8:20
Faculty Room 47 Sink Right		8:21
Food Service Sink		8:23
Cafeteria Fountain		8:23
MP Room Fountain Left		8:20
MP Room Fountain Right		8:27
Principal Office Fountain Left		8:30
Principal Office Fountain Right		
Room 61 Fountain Left		8:31
Room 61 Fountain Right		8:32
Room 72 Fountain		8:35
Room 27 Fountain left		8:41
Room 27 Fountain Right		8:42
Room 20 Fountain Left		8:34
Room 20 Fountain Right		8:40
<del>Room 14 Sink</del>		
Room 37 Fountain Left		8:44
Room 37 Fountain Right		8:45

Facs 14/ WORK ROOM ST