



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

A3J3879

GANNETT FLEMING, INC. - PITTSBURGH PA

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

Project Name: McQuiston 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:	VJL
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:35
Lab Sample ID:	A3J3879-01		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000455	0.015	0.000400	mg/L		10/30/23 1602	10/30/23 1602	SEV

Client Sample ID:	Nurses Exam Sink	Collected By:	VJL
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:35
Lab Sample ID:	A3J3879-02		

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 1604	10/30/23 1604	SEV

Client Sample ID:	Food Service Sink	Collected By:	VJL
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:55
Lab Sample ID:	A3J3879-03		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00667	0.015	0.000800	mg/L		10/30/23 0815	11/01/23 1838	SEV

Client Sample ID:	Faculty Room Sink	Collected By:	VJL
Sample Matrix:	Drinking Water	Collection Date:	10/25/2023 8:41
Lab Sample ID:	A3J3879-04		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00150	0.015	0.000400	mg/L		10/30/23 1607	10/30/23 1607	SEV



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<b>Client Sample ID:</b> Fountain Door 8 Left	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:27
<b>Lab Sample ID:</b> A3J3879-05	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	0.000465	0.015	0.000400	mg/L		10/30/23 1609	10/30/23 1609	SEV

<b>Client Sample ID:</b> Conference Room 1	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:32
<b>Lab Sample ID:</b> A3J3879-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
<b>Method: EPA 200.8, Rv. 5.4 (1994)</b>								
Lead	<b>0.0179</b>	0.015	0.000400	mg/L		10/30/23 1620	10/30/23 1620	SEV

<b>Client Sample ID:</b> Room 20 Fountain Left	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:47
<b>Lab Sample ID:</b> A3J3879-07	

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 1630	10/30/23 1630	SEV

<b>Client Sample ID:</b> Room 20 Fountain Right	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:47
<b>Lab Sample ID:</b> A3J3879-08	

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 1632	10/30/23 1632	SEV

<b>Client Sample ID:</b> LS Room	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:50
<b>Lab Sample ID:</b> A3J3879-09	

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 1635	10/30/23 1635	SEV



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<b>Client Sample ID:</b> Sensory	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:44
<b>Lab Sample ID:</b> A3J3879-10	

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 1638	10/30/23 1638	SEV

<b>Client Sample ID:</b> Cafe Fountain	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:53
<b>Lab Sample ID:</b> A3J3879-11	

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		10/30/23 1640	10/30/23 1640	SEV

<b>Client Sample ID:</b> Door #1 Left Fountain	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:24
<b>Lab Sample ID:</b> A3J3879-12	

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		10/30/23 1643	10/30/23 1643	SEV

<b>Client Sample ID:</b> Door #1 Right Fountain	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:24
<b>Lab Sample ID:</b> A3J3879-13	

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		10/30/23 1645	10/30/23 1645	SEV

<b>Client Sample ID:</b> Fountain Door 8 Right	<b>Collected By:</b> VJL
<b>Sample Matrix:</b> Drinking Water	<b>Collection Date:</b> 10/25/2023 8:30
<b>Lab Sample ID:</b> A3J3879-14	

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		10/30/23 1648	10/30/23 1648	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:**

Carolyn Vollentine  
Service Center Manager  
Reported: 11/02/2023 11:42



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

**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)

**Invoice Address**

Client Name: same  
Address:  
City, State, Zip:  
Contact:  
Telephone No.:

**Turnaround Time**

Routine (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

**Report Type**

Results Only  Level 1  Level 2  Level 3  Level 4  EDD

Project: LHT Storm Water Sampling **BAST**  
Sampled by (PRINT): Eric Buzza (ebuzza@gfnet.com)

Location: Coraopolis Terminal **no question**  
Sampler Signature: *[Signature]*

Send Invoice via:  Mail  Fax  e-mail (address)  
PO No.:  
Compliance Monitoring?  Yes  No  
 Agency/Program NPDES  
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
	<del>Cory 001</del>				SW	G	<del>e</del>	
	<del>Cory 002</del>				SW	G		
	<del>Cory 003</del>				SW	G		
	<i>See Attached</i>						<i>Lead</i>	

**HNO<sub>3</sub> Preserved**  
HNO<sub>3</sub>: A305140  
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)

Date/Time: 10/25/23 12:17

Received By (signature)

Date/Time: 10/25/23 12:17

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 7 9  
 Gannett Fleming, Inc. - Pittsburgh, PA  
 PMI: Carolyn Volentine

Butler Area School District

McQuisition Elementary - 15

Coll: VJZ

Location	Date	Time
Nurses Office Sink	10/25/2023	8:35
Nurses Exam Sink	10/25/2023	8:35
Food Service Sink	10/25/2023	8:55
Faculty Room Sink	10/25/2023	8:41
Fountain Door 8 <del>LEFT</del>	10/25/2023	8:27
Conference Room 1 Left <del>VJL</del>	10/25/2023	8:32
Conference Room 1 Right <del>VJL</del>	N/A	N/A
Gym Fountain <del>Left</del>	—	—
<del>Gym Fountain Right</del>	N/A	N/A
Room 20 Fountain Left	10/25/2023	8:47
Room 20 Fountain Right	10/25/2023	8:47
LS Room	10/25/2023	8:50
Sensory	10/25/2023	8:44
Café Fountain Left <del>VJL</del>	10/25/2023	8:53
<del>Café Fountain Right VJL</del>	N/A	N/A

DOOR #1 LEFT FOUNTAIN

DOOR #1 RIGHT FOUNTAIN

FOUNTAIN DOOR 8 RIGHT

10/25/2023 8:24  
 10/25/2023 8:24  
 10/25/2023 8:30