



Foster Plaza 8, Suite 400
730 Holiday Drive
Pittsburgh, PA 15220
412-503-4343

October 2, 2024

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

Subject: *Butler Area School District
Potable Water Lead Testing Results - Administration Building*

Dear Dr. White:

Gannett Fleming TranSystems is pleased to submit the lead testing results for sampling of drinking water fixtures at the Butler Area School District's Administration 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 21, 2024 at three (3) locations at the Administration Building.

Sampling was conducted by Gannett Fleming TranSystems personnel following United States Environmental Protection Agency (USEPA) 3Ts guidance recommendations for conducting lead sampling in schools. Sampling locations were identified, and sampling was conducted using 250 mL samples. The original USEPA 3Ts guidance recommended that sampling locations showing more than 0.020 mg/L of lead in the sample be examined to determine the cause of the elevated result. Recent revisions to the 3Ts guidance do not specify a remediation level for lead; rather, USEPA encourages schools to prioritize remediation efforts based on the highest lead sample results and to use the steps in the 3Ts guidance to pinpoint potential lead sources to reduce their lead levels.

Of the three (3) samples collected none exceeded the USEPA's suggested 0.020 mg/L Action Level for lead in 250 mL first draw samples.

Please find attached the laboratory reports for this testing.

Gannett Fleming TranSystems 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 TRANSYSTEMS

VITTORIA LAROSA
Water/Wastewater Designer

Attachments

cc: Les Zang, Butler Area School District
GFTS File



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: New Gym Fountain Right	Collected By: Vittoria LaRosa
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:46
Lab Sample ID: A4H2103-50	

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		08/22/24 1550	08/22/24 1550	SEV

Client Sample ID: New Gym Fountain Left	Collected By: Vittoria LaRosa
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:46
Lab Sample ID: A4H2103-51	

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		08/22/24 1551	08/22/24 1551	SEV

Client Sample ID: Con Serve -101A	Collected By: Vittoria LaRosa
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:00
Lab Sample ID: A4H2103-52	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00317	0.015	0.000400	mg/L		08/22/24 1553	08/22/24 1553	SEV

Client Sample ID: 305 Sink	Collected By: Vittoria LaRosa
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:24
Lab Sample ID: A4H2103-53	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000902	0.015	0.000400	mg/L		08/22/24 1554	08/22/24 1554	SEV

Client Sample ID: Upper Floor Fountain	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 9:12
Lab Sample ID: A4H2103-54	

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		08/22/24 1555	08/22/24 1555	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: Vault sink	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 9:14
Lab Sample ID: A4H2103-55	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00206	0.015	0.000400	mg/L		08/22/24 1556	08/22/24 1556	SEV

Client Sample ID: Lower Floor Fountain	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 9:15
Lab Sample ID: A4H2103-56	

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		08/22/24 1557	08/22/24 1557	SEV

Client Sample ID: Office Men Fountain	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:04
Lab Sample ID: A4H2103-57	

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		08/22/24 1558	08/22/24 1558	SEV

Client Sample ID: Office Women Fountain	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:08
Lab Sample ID: A4H2103-58	

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		08/22/24 1602	08/22/24 1602	SEV

Client Sample ID: Security Desk Fountain	Collected By: Customer
Sample Matrix: Drinking Water	Collection Date: 08/20/2024 8:02
Lab Sample ID: A4H2103-59	

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		08/22/24 1603	08/22/24 1603	SEV



CHAIN OF CUSTODY RECORD

Number
Instructions on back
TO BE COMPLETED BY MICROBAC

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: ~~LHT Stormwater~~ *Butter Area SD*
Sampled by (PRINT): Eric Buzza

City, State, Zip:
City, State, Zip:
Contact:
Telephone No.:
Location: *Neville Island*
Sampler Signature: *E Buzza*

nd Time
(5 to 7 business days)
Report Type
Send Invoice via: Mail Fax e-mail (address)
Compliance Monitoring? Yes No
 Agency/Program NPDES
Sampler Phone No.: (412) 503-4343

Temperature Upon Receipt (°C) *18.8°C*
Therm ID *7436*
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

* 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
					<i>DW</i>	<i>G</i>	<i>U</i>	<i>used</i>

See Attached

*HNO3
HNO3 A401578
Date: 8/20/24
Time: 12:50
Ejb*

Possible Hazard Identification
Comments

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