



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

October 9, 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 – High School*

Dear Dr. White:

Gannett Fleming TransSystems is pleased to submit the lead testing results for resampling of drinking water fixtures at the Butler Area School District's High School.

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 20, 2024 at fifty-four (54) locations at the High School.

Sampling was conducted by Gannett Fleming TransSystems 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 fifty-four (54) samples collected none exceeded the USEPA's suggested 0.020 mg/L Action Level for lead in 250 mL first draw samples. However, the sample collected from Room 202 Home Economics Sink 1 did show a lead level of 0.0173 mg/L of lead. Additionally, the sample collected from the Maintenance Lounge Sink showed a lead level of 0.0135 mg/L. These results, while not in excess of the EPA's suggested Action Level, prompted follow-up samples from those locations on September 27, 2024. The results showed that the lead concentration in those samples were 0.00900 mg/L and 0.00943 mg/L, respectively. Both samples for these locations were below the USEPA's Action Level.

Please find attached the laboratory reports for this testing.

Gannett Fleming TransSystems 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

GANNETT FLEMING, INC. - PITTSBURGH PA

Project Name: Butler Area SD

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

Project / PO Number: N/A  
Received: 08/20/2024  
Reported: 08/30/2024

Analytical Testing Parameters

Client Sample ID: Maintenance Garge Fountain  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-01

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:38

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00146	0.015	0.000400	mg/L			08/22/24 1431	SEV

Client Sample ID: Maintenance Storeroom Fountain  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-02

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:36

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 1433	08/22/24 1433	SEV

Client Sample ID: Maintenance Lounge Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-03

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:35

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0135	0.015	0.000400	mg/L		08/22/24 1434	08/22/24 1434	SEV

Client Sample ID: Auditorium Fountain 1  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-04

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:41

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00115	0.015	0.000400	mg/L		08/22/24 1437	08/22/24 1437	SEV



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A4H2103

Client Sample ID: Auditorium Fountain 2  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-05

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:40

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 1438	08/22/24 1438	SEV

Client Sample ID: Food Service Prep Sink 1  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-06

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:44

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00214	0.015	0.000400	mg/L		08/22/24 1439	08/22/24 1439	SEV

Client Sample ID: Food Service Prep Sink 2  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-07

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:45

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00917	0.015	0.000400	mg/L		08/22/24 1440	08/22/24 1440	SEV

Client Sample ID: Serving Link Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-08

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:46

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00227	0.015	0.000400	mg/L		08/22/24 1441	08/22/24 1441	SEV

Client Sample ID: Cafe Fountain 1  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-09

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 7:46

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000842	0.015	0.000400	mg/L		08/22/24 1442	08/22/24 1442	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: Cafe Fountain 2 L

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-10

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 7:50

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 1443	08/22/24 1443	SEV

Client Sample ID: Cafe Fountain 3 R

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-11

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 7:51

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 1444	08/22/24 1444	SEV

Client Sample ID: Cafe Fountain 4

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-12

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 7:52

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 1449	08/22/24 1449	SEV

Client Sample ID: Nurses Office Sink

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-13

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 7:56

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00158	0.015	0.000400	mg/L		08/22/24 1450	08/22/24 1450	SEV

Client Sample ID: Nurses Kitchen Sink

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-14

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 7:56

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00993	0.015	0.000400	mg/L		08/22/24 1451	08/22/24 1451	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: SHS Office Sink

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-15

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 7:54

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00177	0.015	0.000400	mg/L		08/22/24 1452	08/22/24 1452	SEV

Client Sample ID: 100-1 Fountain

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-16

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:02

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000557	0.015	0.000400	mg/L		08/22/24 1452	08/22/24 1452	SEV

Client Sample ID: 100-2 Fountain

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-17

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:03

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		08/22/24 1453	08/22/24 1453	SEV

Client Sample ID: 200 Fountain

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-18

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:14

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 1454	08/22/24 1454	SEV

Client Sample ID: 300-1 New Fountain

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-19

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:21

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 1455	08/22/24 1455	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: 300-2 Old Fountain

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-20

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:26

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 1456	08/22/24 1456	SEV

Client Sample ID: 306 sink

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-21

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:23

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00117	0.015	0.000400	mg/L		08/22/24 1503	08/22/24 1503	SEV

Client Sample ID: 400-1 Fountain upper

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-22

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:16

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 1505	08/22/24 1505	SEV

Client Sample ID: Room 203 Home Economics Sink 1

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-23

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:06

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000728	0.015	0.000400	mg/L		08/22/24 1506	08/22/24 1506	SEV

Client Sample ID: Room 203 Home Economics Sink 2

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-24

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:07

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000929	0.015	0.000400	mg/L		08/22/24 1507	08/22/24 1507	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: Room 203 Home Economics Sink 3

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-25

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:08

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00100	0.015	0.000400	mg/L		08/22/24 1508	08/22/24 1508	SEV

Client Sample ID: Room 203 Home Economics Sink 4

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-26

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:09

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00210	0.015	0.000400	mg/L		08/22/24 1509	08/22/24 1509	SEV

Client Sample ID: Room 203 Home Economics Sink 5

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-27

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:10

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00473	0.015	0.000400	mg/L		08/22/24 1512	08/22/24 1512	SEV

Client Sample ID: Room 202 Home Economics Sink 1

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-28

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:10

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0173	0.015	0.000400	mg/L		08/22/24 1513	08/22/24 1513	SEV

Client Sample ID: Room 202 Home Economics Sink 2

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-29

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:11

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00156	0.015	0.000400	mg/L		08/22/24 1514	08/22/24 1514	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: Room 202 Home Economics Sink 3

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-30

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:11

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00488	0.015	0.000400	mg/L		08/22/24 1515	08/22/24 1515	SEV

Client Sample ID: Gym Annex Upper Floor Fountain Field

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-31

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 9:03

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000434	0.015	0.000400	mg/L		08/22/24 1516	08/22/24 1516	SEV

Client Sample ID: Gym Annex Training Room Sink

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-32

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 9:05

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00465	0.015	0.000400	mg/L		08/22/24 1518	08/22/24 1518	SEV

Client Sample ID: Gym Annex Weight Training Room ice

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-33

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 9:06

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 1519	08/22/24 1519	SEV

Client Sample ID: Gym Annex Weight Room Fountain

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-34

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 9:09

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 1520	08/22/24 1520	SEV





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A4H2103

Client Sample ID: Gym Annex Lower Floor Locker Room Fountain  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-35

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 9:12

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 1524	08/22/24 1524	SEV

Client Sample ID: Gym fountain 1  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-36

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:49

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000993	0.015	0.000400	mg/L		08/22/24 1525	08/22/24 1525	SEV

Client Sample ID: Gym Lobby Fountain R  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-37

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:32

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 1526	08/22/24 1526	SEV

Client Sample ID: Gym Lobby Fountain L  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-38

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:32

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 1529	08/22/24 1529	SEV

Client Sample ID: Swimming Pool Fountain  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-39

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:52

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000579	0.015	0.000400	mg/L		08/22/24 1529	08/22/24 1529	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: Gym Training Room Sink

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-40

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:38

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000422	0.015	0.000400	mg/L		08/22/24 1530	08/22/24 1530	SEV

Client Sample ID: Gym Training Room Ice

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-41

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:38

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 1534	08/22/24 1534	SEV

Client Sample ID: Gym Weight Room Fountain Right

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-42

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:42

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 1539	08/22/24 1539	SEV

Client Sample ID: Gym Weight Room Fountain Left

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-43

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:42

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 1540	08/22/24 1540	SEV

Client Sample ID: 500 Wing Restroom Right

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-44

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:28

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 1541	08/22/24 1541	SEV



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CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: 500 Wing Restroom Left

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-45

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:28

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 1542	08/22/24 1542	SEV

Client Sample ID: Gym Exit 5 Fountain Right

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-46

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:36

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 1543	08/22/24 1543	SEV

Client Sample ID: Gym Exit 5 Fountain Left

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-47

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:37

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 1544	08/22/24 1544	SEV

Client Sample ID: Gym Exit 6 Fountain Right

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-48

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:40

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 1545	08/22/24 1545	SEV

Client Sample ID: Gym Exit 6 Fountain Left

Sample Matrix: Drinking Water

Lab Sample ID: A4H2103-49

Collected By: Vittoria LaRosa

Collection Date: 08/20/2024 8:40

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 1546	08/22/24 1546	SEV



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

A4H2103

Client Sample ID: New Gym Fountain Right  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-50

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:46

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  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-51

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:46

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  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-52

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:00

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  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-53

Collected By: Vittoria LaRosa  
Collection Date: 08/20/2024 8:24

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  
Sample Matrix: Drinking Water  
Lab Sample ID: A4H2103-54

Collected By: Customer  
Collection Date: 08/20/2024 9:12

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



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

# CHAIN OF CUSTODY RECORD

number  
Instructions on back  
BE COMPLETED BY MICROBAC  
Temperature Upon Receipt (°C)  
Term ID

18.8°C T134

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.:

(needed by)

Report Type

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

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

Project: ~~EPA Stormwater~~ *Butler Area SD* Location: ~~Neville Island~~ *Neville Island High School* PO No.:

Compliance Monitoring? ☒ Yes ☐ No  
☒ Agency/Program NPDES

Sampled by (PRINT): ~~Eric Buzza~~ *VICTORIA LABOSA* Sampler Signature: *[Signature]* Sampler Phone No.: ~~(412) 503-4343~~ *412-503-4958*

\* 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 **
					DW	G	U

LEAD

SEE ATTACHED

Additional Notes

Possible Hazard Identification  
Comments

☒ Hazardous ☐ Non-Hazardous ☐ Radioactive

Sample Disposition ☒ Dispose as appropriate ☐ Return ☐ Archive

Relinquished By (signature)

Relinquished By (signature)

Relinquished By (signature)

Date/Time  
8/20/24 10:16

Date/Time

Date/Time

Received By (signature)

Received By (signature)

Received By (signature)

Date/Time

Date/Time

Date/Time



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

A4I2558

GANNETT FLEMING, INC. - PITTSBURGH PA

Project Name: Analytical Services

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

Project / PO Number: N/A  
Received: 09/27/2024  
Reported: 10/04/2024

Analytical Testing Parameters

Client Sample ID: Maintenance Lounge Sink  
Sample Matrix: Drinking Water  
Lab Sample ID: A4I2558-01

Collected By: Vittoria LaRosa  
Collection Date: 09/27/2024 7:20

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00943	0.015	0.000400	mg/L		10/03/24 1455	10/03/24 1455	SEV

Client Sample ID: 202 Home Econ Sink 1  
Sample Matrix: Drinking Water  
Lab Sample ID: A4I2558-02

Collected By: Vittoria LaRosa  
Collection Date: 09/27/2024 7:36

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00900	0.015	0.000400	mg/L		10/03/24 1457	10/03/24 1457	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.

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:

Devin Wolford  
Customer Relationship Specialist  
Reported: 10/04/2024 15:37





250 West 84th Dr., Merrillville, IN 46410 | 219.769.8378 p | 219.7



A 4 I 2 5 5 8  
Gannett Fleming, Inc. - Pittsburgh, PA  
PM: Devin Wolford

# CHAIN OF CUSTODY RECORD

Number \_\_\_\_\_  
Instructions on back \_\_\_\_\_  
TO BE COMPLETED BY MICROBAC  
Temperature Upon Receipt (°C) 23.5  
Therm ID T436

Lab Report Address  
Client Name: Gannett Fleming  
Address: Foster Plaza 8 Suite 400 730 Holiday Drive  
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: (needed by)  
Contact:  
Telephone No.:  
Report Type  
☒ Results Only ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ EDD  
Send Invoice via: ☐ Mail ☐ Fax ☒ e-mail (address)

Project: ~~LHT Stormwater~~ BASD Location: ~~Neville Island~~ IHS PO No.:  
Compliance Monitoring? ☒ Yes ☐ No  
☐ Agency/Program  
Sampled by (PRINT): ~~Eric Buzza~~ VITTORIA LAROSA Sampler Signature: [Signature] Sampler Phone No.: ~~(412) 503-4343~~ 4958

\* 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
	<del>Neville West 001</del>							
	<del>Neville West 002</del>							
	MAINTENANCE LOUNGE SINK	9/27/24	7:20	1	DW	G	U	(MAINT)
	202 HOME ECON SINK 1	9/27/24	7:36	1	DW	G	U	(202-1)

HNO<sub>3</sub> Preserved  
HNO<sub>3</sub>: A403961  
Date: 9/27/24  
Time: 8:59  
Initials: EJB

Possible Hazard Identification ☒ Hazardous ☐ Non-Hazardous ☐ Radioactive  
Comments  
Sample Disposition ☒ Dispose ☐ Return ☐ Archive

Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
<u>[Signature]</u>	9/27/24 8:30	<u>[Signature]</u>	9-27-24 8:53
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time
Relinquished By (signature)	Date/Time	Received By (signature)	Date/Time