



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

9073513

GANNETT FLEMING, INC.

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

Project Name: BASD - Center TWP Elem

Project / PO Number: N/A
Received: 07/17/2019
Reported: 07/30/2019

Project Special Information

5100445

Analytical Testing Parameters

Client Sample ID:	Rm 47 Fountain Left	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	07/17/2019 8:16
Lab Sample ID:	9073513-01		

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1143	JYH

Client Sample ID:	Rm 47 Fountain Right	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	07/17/2019 8:16
Lab Sample ID:	9073513-02		

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1153	JYH

Client Sample ID:	Food Service Sink	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	07/17/2019 8:18
Lab Sample ID:	9073513-03		

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1156	JYH

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Client Sample ID: Cafeteria Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-04

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:53

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1159	JYH

Client Sample ID: MP Room Fountain Lft
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-05

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:47

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1215	JYH

Client Sample ID: MP Room Fountain Rgt
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-06

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:47

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1219	JYH

Client Sample ID: Nurse's Office Sink
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-07

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:43

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1222	JYH



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Client Sample ID: Principal Off Fount Left

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-08

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:33

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1225	JYH

Client Sample ID: Principal Off Fount Right

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-09

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:33

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1228	JYH

Client Sample ID: Faculty Lounge Sink

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-10

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:38

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1231	JYH

Client Sample ID: Rm 61 Fount Left

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-11

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:35

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.002	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1238	JYH



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Client Sample ID: Rm 61 Fount Right
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-12

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:35

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1241	JYH

Client Sample ID: Rm 72 Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-13

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:40

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1244	JYH

Client Sample ID: Rm 27 Fountain Left
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-14

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:27

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1254	JYH

Client Sample ID: Rm 27 Fountain Right
Sample Matrix: Drinking Water
Lab Sample ID: 9073513-15

Collected By: Eric Buzza
Collection Date: 07/17/2019 8:27

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1257	JYH



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Client Sample ID: Rm 20 Fountain Left

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-16

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:20

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1300	JYH

Client Sample ID: Rm 20 Fountain Right

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-17

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:20

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1304	JYH

Client Sample ID: Rm 14 Sink

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-18

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:23

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	0.006	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1307	JYH

Client Sample ID: Rm 37 Fountain Left

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-19

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:30

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1023	07/25/19 1310	JYH



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Client Sample ID: Rm 37 Fountain Right

Sample Matrix: Drinking Water

Lab Sample ID: 9073513-20

Collected By: Eric Buzza

Collection Date: 07/17/2019 8:30

Analyses Subcontracted to: Microbac Laboratories Inc., - Marietta, OH

Total Metals - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<0.001	0.015 AL	0.001	mg/L		07/22/19 1021	07/23/19 1125	JYH

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

AL: US EPA Action Level

RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., - Marietta, OH
68-01670

PA Department of Environmental Protection

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.

Reviewed and Approved By:

Carolyn Vollentine

Service Center Manager

Reported: 07/30/2019 13:57

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CHAIN OF CUSTODY RECORD

Number

Instructions on back

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) 922-5575

Invoice Address

Client Name: Same

Address:

City, State, Zip:

Contact:

Telephone No.:

Turnaround Time

☐ Routine (5 to 7 business days)
☐ RUSH* (notify lab)

(needed by)

Report Type

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

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)

Therm ID

Holding Time

Samples Received on Ice? ☒ Yes ☐ No ☐ N/A

Custody Seals Intact? ☐ Yes ☐ No ☒ N/A

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

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

Project: Butler Area School District

Location: *Center Top Egan*

Compliance Monitoring? ☐ Yes ☐ No
☐ Agency/Program

Sampled by (PRINT): *Eric Buzza*

Sampler Signature:

Sampler Phone No.: (412) 922-5575

* 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	Preservative Types **	Grab Comp	Additional
	See Attached		7/17/19					

HNO₃ Preserved
Date: 07/17/19
Time: 14:00
Initials: ALC

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

rev. 7/18/18

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BASD Lead Sampling 2019

Facility	Location	Date	Time
Center Twp Elementary	Rm 47 Fountain Left 1	7/17/19	810 1
Center Twp Elementary	Rm 47 Fountain Right 2		816 2
Center Twp Elementary	Food Service Sink 3		818 3
Center Twp Elementary	Cafeteria Fountain 4		853 4
Center Twp Elementary	MP Room Fountain Lft 5		847 5
Center Twp Elementary	MP Room Fountain Rgt 6		847 6
Center Twp Elementary	Nurse's Office Sink 7		843 7
Center Twp Elementary	Principal Off Fount Lft 8		833 8
Center Twp Elementary	Principal Off Fount Rgt 9		833 9
Center Twp Elementary	Faculty Lounge Sink 10		838 10
Center Twp Elementary	Rm 61 Fount Left 11		835 11
Center Twp Elementary	Rm 61 Fount Right 12		835 12
Center Twp Elementary	Rm 72 Fountain 13		840 13
Center Twp Elementary	Rm 27 Fountain Left 14		827 14
Center Twp Elementary	Rm 27 Fountain Right 15		82 15
Center Twp Elementary	Rm 20 Fountain Left 16		820 16
Center Twp Elementary	Rm 20 Fountain Right 17		820 17
Center Twp Elementary	Rm 14 Sink 18		823 18
Center Twp Elementary	Rm 37 Fountain Left 19		830 19
Center Twp Elementary	Rm 37 Fountain Right 20		830 20

20



9 0 7 3 5 1 3

GANNETT FLEMING, INC.

PM: Carolyn Vollentine

HNO₃ Preserved
 Date: 07/17/19
 Time: 14:00
 Initials: ALC