



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

9073524

GANNETT FLEMING, INC.

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

Project Name: BASD - Northwest 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 13 Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 9073524-01

Collected By: Eric Buzza
Collection Date: 07/17/2019 9:21

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 1025	07/25/19 1413	JYH

Client Sample ID: Rm 32 Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 9073524-02

Collected By: Eric Buzza
Collection Date: 07/17/2019 9:23

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	<0.001	0.015 AL	0.001	mg/L		07/22/19 1025	07/25/19 1423	JYH

Client Sample ID: Nurse's Office Sink
Sample Matrix: Drinking Water
Lab Sample ID: 9073524-03

Collected By: Eric Buzza
Collection Date: 07/17/2019 9:08

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 1025	07/25/19 1426	JYH

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Client Sample ID: Faculty Work Rm Sink

Sample Matrix: Drinking Water

Lab Sample ID: 9073524-04

Collected By: Eric Buzza

Collection Date: 07/17/2019 9:18

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	0.003	0.015 AL	0.001	mg/L		07/22/19 1025	07/25/19 1429	JYH

Client Sample ID: #1 Custodial Office Fount

Sample Matrix: Drinking Water

Lab Sample ID: 9073524-05

Collected By: Eric Buzza

Collection Date: 07/17/2019 9:11

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 1025	07/25/19 1445	JYH

Client Sample ID: Food Service Fount Lft

Sample Matrix: Drinking Water

Lab Sample ID: 9073524-06

Collected By: Eric Buzza

Collection Date: 07/17/2019 9:13

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 1025	07/25/19 1449	JYH

Client Sample ID: Food Service Fount Rgt

Sample Matrix: Drinking Water

Lab Sample ID: 9073524-07

Collected By: Eric Buzza

Collection Date: 07/17/2019 9:13

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 1025	07/25/19 1452	JYH



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Client Sample ID: Food Service Sink
Sample Matrix: Drinking Water
Lab Sample ID: 9073524-08

Collected By: Eric Buzza
Collection Date: 07/17/2019 9:13

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 1025	07/25/19 1455	JYH

Client Sample ID: Custodial Office Fountain #2
Sample Matrix: Drinking Water
Lab Sample ID: 9073524-09

Collected By: Eric Buzza
Collection Date: 07/17/2019 9:11

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 1025	07/25/19 1458	JYH

Client Sample ID: Room 12 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 9073524-10

Collected By: Eric Buzza
Collection Date: 07/17/2019 9:20

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 1025	07/25/19 1501	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
Microbac Laboratories Inc., Pittsburgh Division
02-00257

PA Department of Environmental Protection

PA Department of Environmental Protection
PADEP Accreditation by Rule

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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 13:56



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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
☐ Mail ☐ Fax ☐ e-mail (address)

TO BE COMPLETED BY MICROBAC

Temperature Upon Receipt (°C)
Therm ID 9.9

Holding Time

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

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

Compliance Monitoring? ☐ Yes ☐ No
☐ Agency/Program

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

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

Project: Butler Area School District

Location: Northwest Farm PO No.:

Sampled by (PRINT): Eric Buzza

Sampler Signature: Eric Buzza

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	Grab/Comp	Preservative Types **	Adc
	See Attached		<u>7/17/19</u>					

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



9 0 7 3 5 2 4

GANNETT FLEMING, INC.
PM: Carolyn Vollentine

Possible Hazard Identification

☐ Hazardous ☒ Non-Hazardous ☐ Radioactive

Sample Disposition

☒ Dispose as appropriate ☐ Return ☐ Archive

Comments

Relinquished By (signature) Eric Buzza

Date/Time 7/17/19 11:00

Relinquished By (signature) Eric Buzza

Date/Time 7/17/19 11:00

Received By (signature) Julie Givner

Date/Time 7/17/19

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
Northwest Elementary	Rm 13 Fountain 1	7/17/19	9:08 9:21
Northwest Elementary	Rm 32 Fountain 2		9:23
Northwest Elementary	Nurse's Office Sink 3		9:08
Northwest Elementary	Faculty Work Rm Sink 4		9:18
Northwest Elementary	#1 Custodial Office Fount 5		9:11
Northwest Elementary	Janitor Closet Sink		9:11
Northwest Elementary	Food Service Fount Lft 6		9:13
Northwest Elementary	Food Service Fount Rgt 7		9:13
Northwest Elementary	Food Service Sink 8		9:15

9

custodial office
Fountain #2

9:11

Room 12 Sinks 10

9:20



9 0 7 3 5 2 4

GANNETT FLEMING, INC.

PM: Carolyn Vollentine

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