



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

0084720

GANNETT FLEMING, INC.

Project Name: BASD - McQuiston Elementary

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

Project / PO Number: N/A
Received: 08/26/2020
Reported: 09/04/2020

Project Special Information

5100445

Analytical Testing Parameters

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Faculty RR, Drinking Water, 0084720-01, Eric Buzza-Client, 08/26/2020 8:28.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 1.03, limit 15.0, RL 0.400, ug/L, 09/01/20 1050, 09/01/20 1050, HNC.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Conference FT 1 Left, Drinking Water, 0084720-02, Eric Buzza-Client, 08/26/2020 8:38.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result <0.400, limit 15.0, RL 0.400, ug/L, 09/01/20 1056, 09/01/20 1056, HNC.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Conference FT 1 Right, Drinking Water, 0084720-03, Eric Buzza-Client, 08/26/2020 8:39.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result <0.400, limit 15.0, RL 0.400, ug/L, 09/01/20 1058, 09/01/20 1058, HNC.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Nurse's Office Sink, Drinking Water, 0084720-04, Eric Buzza-Client, 08/26/2020 8:36.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 0.572, limit 15.0, RL 0.400, ug/L, 09/01/20 1100, 09/01/20 1100, HNC.



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Client Sample ID: Faulty Lounge	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:25
Lab Sample ID: 0084720-05	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.905	15.0	0.400	ug/L		09/01/20 1102	09/01/20 1102	HNC

Client Sample ID: Gym Fountain Left	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:33
Lab Sample ID: 0084720-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	3.18	15.0	0.400	ug/L		09/01/20 1108	09/01/20 1108	HNC

Client Sample ID: Gym Fountain Right	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:34
Lab Sample ID: 0084720-07	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.913	15.0	0.400	ug/L		09/01/20 1110	09/01/20 1110	HNC

Client Sample ID: RM 20 Fountain Left	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:22
Lab Sample ID: 0084720-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.03	15.0	0.400	ug/L		09/01/20 1112	09/01/20 1112	HNC

Client Sample ID: RM 20 Fountain Right	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:23
Lab Sample ID: 0084720-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.400	15.0	0.400	ug/L		09/01/20 1113	09/01/20 1113	HNC



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Client Sample ID: Learning Support Room	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:52
Lab Sample ID: 0084720-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.54	15.0	0.400	ug/L		09/01/20 1115	09/01/20 1115	HNC

Client Sample ID: Sensory	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:31
Lab Sample ID: 0084720-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.883	15.0	0.400	ug/L		09/01/20 1117	09/01/20 1117	HNC

Client Sample ID: Cafe Fountain Right	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:19
Lab Sample ID: 0084720-12	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	1.11	15.0	0.400	ug/L		09/01/20 1123	09/01/20 1123	HNC

Client Sample ID: Cafe Fountain Left	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:18
Lab Sample ID: 0084720-13	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	2.47	15.0	0.400	ug/L		09/01/20 1125	09/01/20 1125	HNC

Client Sample ID: Food Service Sink	Collected By: Eric Buzza-Client
Sample Matrix: Drinking Water	Collection Date: 08/26/2020 8:21
Lab Sample ID: 0084720-14	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	14.2	15.0	0.400	ug/L		09/01/20 1131	09/01/20 1131	HNC

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

RL: Reporting Limit
ug/L: Micrograms per Liter

Project Requested Certification(s)

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. 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:

Handwritten signature: Carolyn M. Vollentine

Carolyn Vollentine
Service Center Manager
Reported: 09/04/2020 09:14

Microbac Laboratories, Inc.

100 Marshall Drive | Warrendale, PA 15086 | 724-772-0610 p | www.microbac.com

10f2

MICROBAC 1952 Wager Rd., Erie, PA 16509 | 814.825.8533 p | 814.825.9254 f

CHAIN OF CUSTODY RECORD
 Instructions on back
 TO BE COMPLETED BY MICROBAC

Lab Report Address

Client Name: Gannett Fleming

Address: Foster Plaza 8, Suite 400, 730 Holiday Dr.

City, State, Zip: Pittsburgh, PA 15220

Contact: Eric Buzzza

Telephone No.: (412) 503-4343

Send Report Via: Mail Fax e-mail (address)

Project: Butler Area School District

Sampled by (PRINT): Eric Buzzza

Invoice Address

Client Name: Same

Address:

City, State, Zip:

Contact:

Telephone No.:

Location: *McQuiston Elementary*

Sampler Signature: *E. Buzzza*

Sampler Phone No.: (412) 503-4343

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

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

PO No.:

Compliance Monitoring? Yes No

Agency/Program

REQUESTED ANALYSIS

* 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

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Lead
	See Attached	08/26/20		1	DW	X	U	

Possible Hazard Identification Hazardous Non-Hazardous Radioactive

Comments

Sample Disposition

Dispose as appropriate Return Archive

McQuiston Elem
Fountain Door 8
Conference Room FT 1
Conference FT 1 Right
Nurses Office Sink
Faculty Lounge Left
Gym Fountain Left
Gym Fountain Right
RM 20 Fountain

No sample
08:38
08:39
08:36
08:35
08:33
08:34
08:32

1 DW X U
1 DW X U
1 DW X U
1 DW X U
1 DW X U
1 DW X U
1 DW X U

X
X
X
X
X
X
X

Additional Notes

HNO3 Preserved
 Date: 8/27/20
 Time: 09:15
 Initials: SES

Faculty RR
Left



GANNETT FLEMING, INC.
 PM: Carolyn Volentine

Relinquished By (signature)
E. Buzzza

Date/Time
 08/26/20

Received By (signature)
[Signature]

Date/Time
 8/26/20

2012

MICROBAC 1962 Wager Rd., Erie, PA 16509 | 814.825.8533 p | 814.825.9254 f

CHAIN OF CUSTODY RECORD

Instructions on back

Lab Report Address
 Client Name: Gannett Fleming
 Address: Foster Plaza 8, Suite 400, 730 Holiday Dr.
 City, State, Zip: Pittsburgh, PA 15220
 Contact: Eric Buzzza
 Telephone No.: (412) 503-4343

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
 Samples Received on Ice? Yes No N/A
 Custody Seals Intact? Yes No N/A

Send Report Via: Mail Fax e-mail (address)
 Project: Butler Area School District
 Location: McQuiston Elementary
 PO No.:
 Compliance Monitoring? Yes No
 Agency/Program
 Sampled by (PRINT): Eric Buzzza
 Sampler Signature: *E. Buzzza*
 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 Trisulfate, (9) Hexane, (U) Unpreserved
 REQUESTED ANALYSIS

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Lead	Additional Notes
	See Attached	08/26/20							
	Rm 20 Fountain (R)	"	08:23	1	DW	X	U		Learning Support Room
	Sensory Fountain (R)	"	08:52	1	DW	X	U		late fountain (R)
	late fountain (L)	"	08:31	1	DW	X	U		late fountain (L)
	Food Service Sink	"	08:19	1	DW	X	U		
		"	08:21	1	DW	X	U		



GANNETT FLEMING, INC.
 P.M.: Carolyn Valentine

Possible Hazard Identification
 Hazardous
 Non-Hazardous
 Radioactive

Sample Disposition
 Dispose as appropriate
 Return
 Archive

Relinquished By (signature)
[Signature]
 Relinquished By (signature)
[Signature]
 Relinquished By (signature)
[Signature]

Date/Time
 08/26/20
 Date/Time
 Date/Time

Received By (signature)
[Signature]
 Received By (signature)
[Signature]
 Received By (signature)
[Signature]

Date/Time
 8/26/20
 Date/Time
 Date/Time

BASD Lead Sampling 2020

Facility	Location	Date	Time
McQuiston Elementary	Faculty RR	8/26/2020	8:28 AM
McQuiston Elementary	Fountain Door 8	8/26/2020	NO SAMPLE
McQuiston Elementary	Conference Rm 1 Left	8/26/2020	8:38 AM
McQuiston Elementary	Conference Rm 1 Right	8/26/2020	8:39 AM
McQuiston Elementary	Nurse's Office Sink	8/26/2020	8:36 AM
McQuiston Elementary	Faculty Lounge	8/26/2020	8:25 AM
McQuiston Elementary	Gym Fountain Left	8/26/2020	8:33 AM
McQuiston Elementary	Gym Fountain Right	8/26/2020	8:34 AM
McQuiston Elementary	Rm 20 Fountain Left	8/26/2020	8:22 AM
McQuiston Elementary	Rm 20 Fountain Right	8/26/2020	8:23 AM
McQuiston Elementary	LEARNING SUPPORT LS Room	8/26/2020	8:52 AM
McQuiston Elementary	SENSORY Vocal Music	8/26/2020	8:30 AM
McQuiston Elementary	Café Fountain Right	8/26/2020	8:18 AM
McQuiston Elementary	Café Fountain Left	8/26/2020	8:18 AM
McQuiston Elementary	Food Service Sink	8/26/2020	8:20 AM



0 0 8 4 7 2 0

GANNETT FLEMING, INC.

PM: Carolyn Vollentine