



Microbac Laboratories Inc., Pittsburgh Division

CERTIFICATE OF ANALYSIS

2083677

GANNETT FLEMING, INC.

Project Name: Center Twp Elem BASD

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

Project / PO Number: Center Twp Elem BASD
Received: 08/11/2022
Reported: 08/18/2022

Analytical Testing Parameters

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Nurses Office Sink, Drinking Water, 2083677-01, Eric Buzza, 08/11/2022 9:33.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result <0.000400.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Faculty Work Room Sink, Drinking Water, 2083677-02, Eric Buzza, 08/11/2022 9:26.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 0.000700.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Faculty Room 47 Sink, Drinking Water, 2083677-03, Eric Buzza, 08/11/2022 9:49.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 0.000574.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date. Values include Food Service Sink, Drinking Water, 2083677-04, Eric Buzza, 08/11/2022 9:45.

Table with 9 columns: Metals Total by ICPMS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 0.00209.



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Client Sample ID: Cafeteria Fountain Left	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:47
Lab Sample ID: 2083677-05	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000818	0.0150	0.000400	mg/L		08/17/22 1552	08/17/22 1552	SEV

Client Sample ID: MP Room Fountain Left	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:31
Lab Sample ID: 2083677-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1554	08/17/22 1554	SEV

Client Sample ID: MP Room Fountain Right	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:32
Lab Sample ID: 2083677-07	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1556	08/17/22 1556	SEV

Client Sample ID: Principal Office Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:29
Lab Sample ID: 2083677-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1558	08/17/22 1558	SEV

Client Sample ID: Room 61 Fountain Left	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:27
Lab Sample ID: 2083677-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1559	08/17/22 1559	SEV



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Client Sample ID: Room 61 Fountain Right	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:28
Lab Sample ID: 2083677-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1601	08/17/22 1601	SEV

Client Sample ID: Room 72 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:23
Lab Sample ID: 2083677-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1608	08/17/22 1608	SEV

Client Sample ID: Room 27 Fountain Left	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:38
Lab Sample ID: 2083677-12	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000422	0.0150	0.000400	mg/L		08/17/22 1616	08/17/22 1616	SEV

Client Sample ID: Room 27 Fountain Right	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:39
Lab Sample ID: 2083677-13	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1617	08/17/22 1617	SEV

Client Sample ID: Room 20 Fountain Left	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:36
Lab Sample ID: 2083677-14	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1619	08/17/22 1619	SEV



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Client Sample ID: Room 20 Fountain Right	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:37
Lab Sample ID: 2083677-15	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000647	0.0150	0.000400	mg/L		08/17/22 1621	08/17/22 1621	SEV

Client Sample ID: Room 14 Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:52
Lab Sample ID: 2083677-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000887	0.0150	0.000400	mg/L		08/17/22 1623	08/17/22 1623	SEV

Client Sample ID: Room 37 Fountain Left	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:41
Lab Sample ID: 2083677-17	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1624	08/17/22 1624	SEV

Client Sample ID: Room 37 Fountain Right	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 08/11/2022 9:42
Lab Sample ID: 2083677-18	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		08/17/22 1626	08/17/22 1626	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

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. **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:

A handwritten signature in blue ink that reads "Carolyn M. Vollentine".

Carolyn Vollentine

Service Center Manager

Reported: 08/18/2022 20:05

7 Jo 9 abed
 MICROBAC®
 100 Marshall Drive Warrendale, PA 15086
 724.772.0610

ALL highlighted areas must be filed in.

Pittsburgh Division
 Gannett Fleming, Inc. - Pittsburgh, PA
 PM: Carolyn Volentine



Lab Report Address: Gannett Fleming Invoice Address: Same Turnaround Time: Routine

Client Name: Foster Plaza & Suite 400 Address: 730 The Liberty Dr City, State, Zip: Pittsburgh PA 15220

Contact: Eric Bozza Telephone No.: 412 503 4343 Send Invoice via: e-mail

Project: Butler Area School District Center Top Exam DEP REPORTABLE? Yes No

Sampled by (PRINT): Eric Bozza Sampler Signature: E. Bozza Sampler No.: 412 503 4343

** 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

* Matrix Types: Soil/Solid (S), Sludge, Oil, Wipe, Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (specify)

Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Notes
								<u>HNO3 Preserved</u> <u>Date: 8-16-22</u> <u>Time: 1145</u> <u>Initials: SEV</u>

See Attached

Possible Hazard Identification: Hazardous Non-Hazardous Radiactive

Relinquished By (signature): E. Bozza Date/Time: 8/11/22 1115
 Relinquished By (signature): E. Bozza Date/Time: 8/11/22 1115
 Received By (signature): [Signature] Date/Time: 8/11/22 1115
 Received By (signature): [Signature] Date/Time: 8/11/22 1115

Butler Area School District
Center Twp. Elementary

Location	Date	Time
1 Nurses Office Sink	8/11/28	9:35
2 Faculty Work Room Sink		9:36
3 Faculty Room 47 Sink Left		9:49
Faculty Room 47 Sink Right		9:49
4 Food Service Sink		9:49
5 Cafeteria Fountain		9:47
6 MP Room Fountain Left		9:31
7 MP Room Fountain Right		9:38
8 Principal Office Fountain Left		9:39
Principal Office Fountain Right		9:47
9 Room 61 Fountain Left		9:48
10 Room 61 Fountain Right		9:48
11 Room 72 Fountain		9:53
12 Room 27 Fountain Left		9:38
13 Room 27 Fountain Right		9:39
14 Room 20 Fountain Left		9:36
15 Room 20 Fountain Right		9:37
16 Room 14 Sink		9:52
17 Room 37 Fountain Left		9:41
18 Room 37 Fountain Right		9:42

~~Center Twp. Elementary~~

~~9:42~~

2083677

