



Microbac Laboratories Inc., Pittsburgh Division
CERTIFICATE OF ANALYSIS

1121024

GANNETT FLEMING, INC.

Project Name: BASD High School

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

Project / PO Number: N/A
 Received: 12/03/2021
 Reported: 12/21/2021

Analytical Testing Parameters

Client Sample ID:	Senior High School Main Store Rm	Collected By:	ERIC BUZZA
Sample Matrix:	Drinking Water	Collection Date:	12/03/2021 7:01
Lab Sample ID:	1121024-01		

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		12/17/21 1428	12/17/21 1428	SEV

Client Sample ID:	Senior High School Food Service Prep Sink 2	Collected By:	ERIC BUZZA
Sample Matrix:	Drinking Water	Collection Date:	12/03/2021 7:11
Lab Sample ID:	1121024-02		

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		12/17/21 1431	12/17/21 1431	SEV

Client Sample ID:	Senior High School 306 Sink	Collected By:	ERIC BUZZA
Sample Matrix:	Drinking Water	Collection Date:	12/03/2021 7:38
Lab Sample ID:	1121024-03		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000825	0.0150	0.000400	mg/L		12/17/21 1433	12/17/21 1433	SEV

Client Sample ID:	Senior High School Annex Trn Rm Sink	Collected By:	ERIC BUZZA
Sample Matrix:	Drinking Water	Collection Date:	12/03/2021 7:55
Lab Sample ID:	1121024-04		

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00120	0.0150	0.000400	mg/L		12/17/21 1435	12/17/21 1435	SEV



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Client Sample ID: Senior High School Annex Trn Rm Ice	Collected By: ERIC BUZZA
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:56
Lab Sample ID: 1121024-05	

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		12/17/21 1437	12/17/21 1437	SEV

Client Sample ID: Senior High School Gym Train Rm Sink	Collected By: ERIC BUZZA
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:45
Lab Sample ID: 1121024-06	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00127	0.0150	0.000400	mg/L		12/17/21 1438	12/17/21 1438	SEV

Client Sample ID: Senior High School Gym Train Rm Ice	Collected By: ERIC BUZZA
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:46
Lab Sample ID: 1121024-07	

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		12/17/21 1446	12/17/21 1446	SEV

Client Sample ID: Senior High School 603-A Sink	Collected By: ERIC BUZZA
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:23
Lab Sample ID: 1121024-08	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0241	0.0150	0.000800	mg/L		12/20/21 1404	12/20/21 1404	SEV

Client Sample ID: Senior High School 603-B Sink	Collected By: ERIC BUZZA
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:22
Lab Sample ID: 1121024-09	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0148	0.0150	0.000400	mg/L		12/17/21 1455	12/17/21 1455	SEV



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Client Sample ID: Senior High School Maint Lounge Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 8:13
Lab Sample ID: 1121024-10	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00786	0.0150	0.000400	mg/L		12/17/21 1456	12/17/21 1456	SEV

Client Sample ID: Senior High School Home Ec 203 Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:28
Lab Sample ID: 1121024-11	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000719	0.0150	0.000400	mg/L		12/17/21 1458	12/17/21 1458	SEV

Client Sample ID: Senior High School Nurses Kitchen Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:20
Lab Sample ID: 1121024-12	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.0112	0.0150	0.000400	mg/L		12/17/21 1500	12/17/21 1500	SEV

Client Sample ID: Senior High School Nurses Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:19
Lab Sample ID: 1121024-13	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00533	0.0150	0.000400	mg/L		12/17/21 1502	12/17/21 1502	SEV

Client Sample ID: Senior High School Maint Garage Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:03
Lab Sample ID: 1121024-14	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00606	0.0150	0.000400	mg/L		12/17/21 1503	12/17/21 1503	SEV



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Client Sample ID: Senior High School Auditorium	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:06
Lab Sample ID: 1121024-15	

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		12/17/21 1511	12/17/21 1511	SEV

Client Sample ID: Senior High School Food Prep Sink 1	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:10
Lab Sample ID: 1121024-16	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00269	0.0150	0.000400	mg/L		12/17/21 1513	12/17/21 1513	SEV

Client Sample ID: Senior High School Cafe 1	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:14
Lab Sample ID: 1121024-17	

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			12/17/21 1522	SEV

Client Sample ID: Senior High School Cafe 2	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:15
Lab Sample ID: 1121024-18	

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		12/17/21 1529	12/17/21 1529	SEV

Client Sample ID: Senior High School Office Kitchen Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:17
Lab Sample ID: 1121024-19	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00184	0.0150	0.000400	mg/L		12/17/21 1530	12/17/21 1530	SEV



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Client Sample ID: Senior High School 109 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:26
Lab Sample ID: 1121024-20	

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		12/17/21 1538	12/17/21 1538	SEV

Client Sample ID: Senior High School 210 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:30
Lab Sample ID: 1121024-21	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L			12/17/21 1540	SEV

Client Sample ID: Senior High School Upper 400 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:32
Lab Sample ID: 1121024-22	

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		12/17/21 1541	12/17/21 1541	SEV

Client Sample ID: Senior High School Lower 400 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:34
Lab Sample ID: 1121024-23	

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		12/17/21 1543	12/17/21 1543	SEV

Client Sample ID: Senior High School 309 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:36
Lab Sample ID: 1121024-24	

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		12/17/21 1545	12/17/21 1545	SEV



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Client Sample ID: Senior High School Swimming Pool Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:41
Lab Sample ID: 1121024-25	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000890	0.0150	0.000400	mg/L		12/17/21 1548	12/17/21 1548	SEV

Client Sample ID: Senior High School Gym Training Rm Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:47
Lab Sample ID: 1121024-26	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	<0.000400	0.0150	0.000400	mg/L		12/17/21 1550	12/17/21 1550	SEV

Client Sample ID: Senior High School Gym Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:48
Lab Sample ID: 1121024-27	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.00114	0.0150	0.000400	mg/L		12/17/21 1552	12/17/21 1552	SEV

Client Sample ID: Senior High School Gym Annex Weight Rm	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 7:58
Lab Sample ID: 1121024-28	

Metals Total by ICPMS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4 (1994)								
Lead	0.000910	0.0150	0.000400	mg/L		12/17/21 1603	12/17/21 1603	SEV

Client Sample ID: Senior High School Gym Annex Locker Rm Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/03/2021 8:00
Lab Sample ID: 1121024-29	

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		12/17/21 1605	12/17/21 1605	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.



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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

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: 12/21/2021 13:17

Microbac Laboratories, Inc.

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

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

CHAIN OF CUSTODY RECORD

Number

Instructions on back

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

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)

Compliance Monitoring? Yes No Agency/Program

Lab Report Address

Client Name: Gannett Fleming

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)

Project: BASD High School - Lead Sampling

Sampled by (PRINT): Eric Buzza

Invoice Address

Client Name: Same

Address:

City, State, Zip:

Contact:

Telephone No.:

Location: BASD High School

Sampler Signature:

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 Thiosulfate, (9) Hexane, (U) Unpreserved

REQUESTED ANALYSIS



1 1 2 1 0 2 4
GANNETT FLEMING, INC.
PM: Carolyn Vollentine

Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Lead
See Attached	12/31/11	See Attached	29 DW G	SW	12/31/11	U	X

Additional Notes

HNO3 Preserved
Date: 12/31/11
Time: 1100
Initials: JPL

Possible Hazard Identification

Hazardous Non-Hazardous Radioactive

Sample Disposition Dispose as appropriate Return Archive

Relinquished By (signature)
Relinquished By (signature)

Date/Time
Date/Time

Received By (signature)
Received By (signature)

Date/Time
Date/Time

Relinquished By (signature)

Date/Time

Received By (signature)

Date/Time



1 1 2 1 0 2 4

GANNETT FLEMING, INC.

PM: Carolyn Vollentine

Facility	Location	Date	
Senior High School	Maint Store Rm	12/3/21	7:01 Am
Senior High School	Food Service Prep Sink 2 ^{*Funnig}	12/3/21	7:11 Am
Senior High School	Food Service Sink	12/3/21	_____
Senior High School	Nurses Off Sink	12/3/21	_____
Senior High School	SHS Off Sink	12/3/21	_____
Senior High School	Cons Serv Sink	_____	_____
Senior High School	306 Sink	12/3/21	7:38 Am
Senior High School	Annex Trn Rm Sink	12/3/21	7:55 Am
Senior High School	Annex Trn Rm Ice	12/3/21	7:56 Am
Senior High School	Gym Train Rm Sink	12/3/21	7:45 Am
Senior High School	Gym Train Rm Ice	12/3/21	7:46 Am
Senior High School	Serving Line Sink	_____	_____
Senior High School	603-A Sink	12/3/21	7:23 Am
Senior High School	603-B Sink	12/3/21	7:22 Am
Senior High School	Nurse's Kitchen	_____	_____
Senior High School	Maint Lounge Sink	12/3/21	8:13 Am
Senior High School	Home Ec 203 Sink	12/3/21	7:28 Am
Senior High School	Nurses Kitchen Sink	12/3/21	7:20 Am
Senior High School	Nurses Sink	12/3/21	7:19 Am
Senior High School	Maint Garage Fountain	12/3/21	7:03 Am
Senior High School	Auditorium	12/3/21	7:06 Am
Senior High School	Food Prep Sink 1	12/3/21	7:10 Am
Senior High School	Café 1	12/3/21	7:14 Am
Senior High School	Café 2	12/3/21	7:15 Am
Senior High School	Office Kitchen Sink	12/3/21	7:17 Am
Senior High School	109 Fountain	12/3/21	7:26 Am
Senior High School	210 Fountain	12/3/21	7:30 Am
Senior High School	Upper 400 Fountain	12/3/21	7:32 Am
Senior High School	Lower 400 Fountain	12/3/21	7:34 Am
Senior High School	309 Fountain	12/3/21	7:36 Am
Senior High School	Swimming Pool Fountain	12/3/21	7:41 Am
Senior High School	Gym training Rm Fountain	12/3/21	7:47 Am
Senior High School	Gym Fountain	12/3/21	7:48 Am

Client Signature 12/3/21 2005

15.5

Senior High School	Gym Annex weight Rm	12/3/21	7:58 am
Senior High School	Gym Annex locker Rm Fountain	12/3/21	8:00 am
Senior High School			
Senior High School			
Senior High School			
Senior High School			
Senior High School			

Alert Quinlan 12/3/21 1505
155



1 1 2 1 0 2 4

GANNETT FLEMING, INC.

PM: Carolyn Vollandine