



Microbac Laboratories Inc., Pittsburgh Division
 CERTIFICATE OF ANALYSIS

8123119

GANNETT FLEMING, INC.

Project Name: Karns City School District

Eric Buzza
 FOSTER PLAZA III- SUITE 200 601 HOLIDAY DRIVE
 PITTSBURGH, PA 15220

Project / PO Number: N/A
 Received: 12/20/2018
 Reported: 01/03/2019

Analytical Testing Parameters

Client Sample ID:	Sr Band/Chorus Fountain	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	12/20/2018 9:10
Lab Sample ID:	8123119-01		

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	1.43	0.0010	mg/L		12/31/18 0913	12/31/18 1329	DLO
Lead	0.0025	0.0010	mg/L		12/31/18 0913	12/31/18 1329	DLO

Client Sample ID:	Jr Hallway Rm 206 Fountain	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	12/20/2018 9:15
Lab Sample ID:	8123119-02		

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	1.34	0.0010	mg/L		12/31/18 0913	12/31/18 1346	DLO
Lead	0.0033	0.0010	mg/L		12/31/18 0913	12/31/18 1346	DLO

Client Sample ID:	Jr Room 205	Collected By:	Eric Buzza
Sample Matrix:	Drinking Water	Collection Date:	12/20/2018 9:17
Lab Sample ID:	8123119-03		

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	1.22	0.0010	mg/L		12/31/18 0913	12/31/18 1348	DLO
Lead	0.0049	0.0010	mg/L		12/31/18 0913	12/31/18 1348	DLO

Microbac Laboratories, Inc.

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Client Sample ID: Jr/Sr Maintenance Tank	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 9:22
Lab Sample ID: 8123119-04	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.194	0.0010	mg/L		12/31/18 0913	12/31/18 1350	DLO
Lead	0.0148	0.0010	mg/L		12/31/18 0913	12/31/18 1350	DLO

Client Sample ID: Jr/Sr Kitchen Prep Sink	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 10:35
Lab Sample ID: 8123119-05	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.795	0.0010	mg/L		12/31/18 0913	12/31/18 1352	DLO
Lead	0.0121	0.0010	mg/L		12/31/18 0913	12/31/18 1352	DLO

Client Sample ID: Sugar Creek Office Restroom	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 9:45
Lab Sample ID: 8123119-06	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.589	0.0010	mg/L		01/02/19 0909	01/02/19 1006	DLO
Lead	0.0128	0.0010	mg/L		01/02/19 0909	01/02/19 1006	DLO

Client Sample ID: Sugar Creek Girls RR 46 Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 9:50
Lab Sample ID: 8123119-07	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.228	0.0010	mg/L		01/02/19 0909	01/02/19 1011	DLO
Lead	<0.0010	0.0010	mg/L		01/02/19 0909	01/02/19 1011	DLO



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Client Sample ID: Sugar Creek Boys RR Fountain	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 9:55
Lab Sample ID: 8123119-08	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.266	0.0010	mg/L		01/02/19 0909	01/02/19 1013	DLO
Lead	<0.0102	0.0102	mg/L		01/02/19 0909	01/02/19 1427	DLO

Client Sample ID: Chicora Room 202 Restroom	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 10:15
Lab Sample ID: 8123119-09	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.151	0.0010	mg/L		01/02/19 0909	01/02/19 1015	DLO
Lead	0.0079	0.0010	mg/L		01/02/19 0909	01/02/19 1015	DLO

Client Sample ID: Chicora Boys Locker Room	Collected By: Eric Buzza
Sample Matrix: Drinking Water	Collection Date: 12/20/2018 10:20
Lab Sample ID: 8123119-10	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4							
Copper	0.0889	0.0010	mg/L		01/02/19 0909	01/02/19 1017	DLO
Lead	<0.0010	0.0010	mg/L		01/02/19 0909	01/02/19 1017	DLO

Definitions

- AL: US EPA Action Level
- RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories Inc., Pittsburgh Division
02-00257

PA Department of Environmental Protection
PADEP Accreditation by Rule

Microbac Laboratories, Inc. - Dayville
68-04413

Pennsylvania Department of Environmental Protection



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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:

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

Carolyn Vollentine

Service Center Manager

Reported: 01/03/2019 15:24

CHAIN OF CUSTODY RECORD

Number

Instructions on back

TO BE COMPLETED BY MICROBAC

8123119

Turnaround Time
 Routine (5 to 7 business days)
 RUSH* (notify lab)
 Temperature Upon Receipt (°C)
 Therm ID
 Holding Time
 Samples Received on Ice? Yes No N/A
 Custody Seals Intact? Yes No N/A

Report Type
 (needed by)
 Results Only Level 1 Level 2 Level 3 Level 4 EDD
 Mail Fax e-mail (address)
 Compliance Monitoring? Yes No

Invoice Address
 Client Name: same
 Address:
 City, State, Zip:
 Contact:
 Telephone No.:

Lab Report Address
 Client Name: *Kenneth Fleming*
 Address: *Foster Plaza 3 Suite 400*
730 Holaday Dr
 City, State, Zip: *Pittsburgh PA 15220*
 Contact: *Foe Buzza*
 Telephone No.: *412.922.3375*

Send Report via: Mail Fax e-mail (address) *fbuzza@fnd.com* Send Invoice via: Mail Fax e-mail (address)

Project: *Kentus City School District* Location: *()* PO No.: *()*

Sampled by (PRINT): *Foe Buzza* Sampler Signature: *Foe Buzza* Sampler Phone No.:

* 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) Hexane, (U) Unpreserved



Lab ID	Client Sample ID	Date Collected	Time Collected	No. of Containers	Matrix	Grab / Comp	Preservative Types **	Additional Note
	<i>55 Band/Chem/Fontem-212018 910</i>		<i>9:15</i>	<i>1</i>	<i>DWG N</i>			
	<i>JF Healthway Am 206 Fount</i>		<i>9:17</i>					<i>Lock</i>
	<i>JF Regn 205</i>		<i>9:22</i>					<i>Lock</i>
	<i>JF St. Martin's/Leona Jant</i>		<i>10:35</i>					
	<i>JF St. Helen Prop 5.1.1</i>		<i>9:45</i>					
	<i>Sugar Creek Office Restroom</i>		<i>9:50</i>					
	<i>Sugar Creek Girls RR 4th Fount</i>		<i>9:55</i>					
	<i>Sugar Creek Boys RR Fount</i>		<i>10:15</i>					
	<i>Chicopee Beer 302 Rest room</i>		<i>10:20</i>					
	<i>Chicopee Boys Locker Room</i>							

Possible Hazard Identification Hazardous Non-Hazardous Radioactive Sample Disposition Dispose as appropriate Return Archive

Comments

Relinquished By (signature) *Foe Buzza* Date/Time *12/20/18 12:45*
 Relinquished By (signature) *Julie Quare* Date/Time
 Relinquished By (signature) Date/Time
 Relinquished By (signature) Date/Time