



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

17K2105

Gannett Fleming, Inc.

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Project Name: BASD - Summit Elementary

Project / PO Number: N/A
Received: 11/22/2017
Reported: 11/30/2017

Project Special Information

5100445

Analytical Testing Parameters

Client Sample ID: Kitchen
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-01

Collected By: Client
Collection Date: 11/22/2017 10:52

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.367	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1100
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Gym Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-02

Collected By: Client
Collection Date: 11/22/2017 10:56

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.473	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1103
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Phys Ed Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-03

Collected By: Client
Collection Date: 11/22/2017 11:02

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.508	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1111
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154



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Client Sample ID:	Boiler Room	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 11:06
Lab Sample ID:	17K2105-04		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.241	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1114
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID:	Library Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 11:10
Lab Sample ID:	17K2105-05		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.321	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1117
Method: SM 3113 B-04							
Lead	0.002	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID:	Room 2 Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 10:06
Lab Sample ID:	17K2105-06		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.461	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1120
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID:	Room 1 Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 10:15
Lab Sample ID:	17K2105-07		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.466	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1123
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154



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Client Sample ID:	Room 4 Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 10:19
Lab Sample ID:	17K2105-08		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.501	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1126
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID:	Room 3 Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 10:24
Lab Sample ID:	17K2105-09		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.455	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1129
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID:	Room 6 Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 10:27
Lab Sample ID:	17K2105-10		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.486	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1135
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID:	Room 5 Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 10:31
Lab Sample ID:	17K2105-11		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.463	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1154
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154



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Client Sample ID: Room 8 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-12

Collected By: Client
Collection Date: 11/22/2017 10:37

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.515	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1202
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Room 9 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-13

Collected By: Client
Collection Date: 11/22/2017 10:47

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.601	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1205
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Boys Restroom Far End Sink 1
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-14

Collected By: Client
Collection Date: 11/22/2017 8:23

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.392	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1208
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Boys Restroom Far End Sink 2
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-15

Collected By: Client
Collection Date: 11/22/2017 8:28

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.330	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1211
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154



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Client Sample ID: Boys Restroom Far End Sink 3
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-16

Collected By: Client
Collection Date: 11/22/2017 8:29

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.318	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1214
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Boys Restroom Far End Sink 4
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-17

Collected By: Client
Collection Date: 11/22/2017 8:31

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.315	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1217
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Janitors Slop Sink Far End
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-18

Collected By: Client
Collection Date: 11/22/2017 8:33

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.393	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1220
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Girls Restroom Far End Sink 1
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-19

Collected By: Client
Collection Date: 11/22/2017 8:37

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.416	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1223
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154



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Client Sample ID: Girls Restroom Far End Sink 2

Sample Matrix: Drinking Water

Lab Sample ID: 17K2105-20

Collected By: Client

Collection Date: 11/22/2017 8:39

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.339	1.30 AL	0.010	mg/L		11/28/17 0958	11/29/17 1227
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 0835	11/28/17 1154

Client Sample ID: Girls Restroom Far End Sink 3

Sample Matrix: Drinking Water

Lab Sample ID: 17K2105-21

Collected By: Client

Collection Date: 11/22/2017 8:42

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.247	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1251
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Girls Restroom Far End Sink 4

Sample Matrix: Drinking Water

Lab Sample ID: 17K2105-22

Collected By: Client

Collection Date: 11/22/2017 8:44

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.210	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1254
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Fountain by Room 17

Sample Matrix: Drinking Water

Lab Sample ID: 17K2105-23

Collected By: Client

Collection Date: 11/22/2017 8:47

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.564	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1302
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430



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Client Sample ID: Room 17 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-24

Collected By: Client
Collection Date: 11/22/2017 8:49

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.218	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1305
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 15 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-25

Collected By: Client
Collection Date: 11/22/2017 8:53

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.465	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1308
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 16 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-26

Collected By: Client
Collection Date: 11/22/2017 9:02

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.553	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1311
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 13 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-27

Collected By: Client
Collection Date: 11/22/2017 9:07

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.454	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1314
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430



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Client Sample ID: Room 14 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-28

Collected By: Client
Collection Date: 11/22/2017 9:14

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.487	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1317
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 11 Sink 1
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-29

Collected By: Client
Collection Date: 11/22/2017 9:18

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.390	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1320
Method: SM 3113 B-04							
Lead	0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 11 Sink 2
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-30

Collected By: Client
Collection Date: 11/22/2017 9:20

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.163	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1324
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 12 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-31

Collected By: Client
Collection Date: 11/22/2017 9:23

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.488	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1338
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430



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Client Sample ID: Room 7 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-32

Collected By: Client
Collection Date: 11/22/2017 10:42

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.498	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1346
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 10 Restroom
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-33

Collected By: Client
Collection Date: 11/22/2017 9:28

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.366	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1349
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Room 10 Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-34

Collected By: Client
Collection Date: 11/22/2017 9:31

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.355	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1352
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Nurses Exam Sink
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-35

Collected By: Client
Collection Date: 11/22/2017 8:11

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.412	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1355
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430



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Client Sample ID:	Nurses Restroom	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 8:08
Lab Sample ID:	17K2105-36		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.325	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1358
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID:	Office Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 8:03
Lab Sample ID:	17K2105-37		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.619	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1401
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID:	Faculty Room Sink	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 8:17
Lab Sample ID:	17K2105-38		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.424	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1404
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID:	Women's Faculty Restroom	Collected By:	Client
Sample Matrix:	Drinking Water	Collection Date:	11/22/2017 9:43
Lab Sample ID:	17K2105-39		

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.325	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1407
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430



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Client Sample ID: Men's Faculty Restroom
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-40

Collected By: Client
Collection Date: 11/22/2017 9:46

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.308	1.30 AL	0.010	mg/L		11/28/17 1005	11/29/17 1411
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1128	11/28/17 1430

Client Sample ID: Main Hall Fountain
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-41

Collected By: Client
Collection Date: 11/22/2017 9:56

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.169	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0435
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

Client Sample ID: Girls Restroom Main Hall Sink 1
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-42

Collected By: Client
Collection Date: 11/22/2017 9:36

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.400	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0443
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

Client Sample ID: Girls Restroom Main Hall Sink 2
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-43

Collected By: Client
Collection Date: 11/22/2017 9:38

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.190	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0449
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

17K2105

Client Sample ID: Girls Restroom Main Hall Sink 3
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-44

Collected By: Client
Collection Date: 11/22/2017 9:40

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.390	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0454
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

Client Sample ID: Girls Restroom Main Hall Sink 4
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-45

Collected By: Client
Collection Date: 11/22/2017 9:41

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.300	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0500
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

Client Sample ID: Boys Restroom Main Hall Sink 1
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-46

Collected By: Client
Collection Date: 11/22/2017 10:02

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.303	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0506
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

Client Sample ID: Boys Restroom Main Hall Sink 2
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-47

Collected By: Client
Collection Date: 11/22/2017 10:03

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.321	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0512
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903



Microbac Laboratories, Inc. - Erie

CERTIFICATE OF ANALYSIS

17K2105

Client Sample ID: Boys Restroom Main Hall Sink 3
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-48

Collected By: Client
Collection Date: 11/22/2017 10:05

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.346	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0519
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

Client Sample ID: Janitors Slop Sink Main Hall
Sample Matrix: Drinking Water
Lab Sample ID: 17K2105-49

Collected By: Client
Collection Date: 11/22/2017 9:54

Metals, Total	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed
Method: EPA 200.7, Rv. 4.4							
Copper	0.391	1.30 AL	0.010	mg/L		11/28/17 1403	11/30/17 0525
Method: SM 3113 B-04							
Lead	<0.001	0.015 AL	0.001	mg/L		11/28/17 1330	11/28/17 1903

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
SMCL: US EPA Secondary Maximum Contaminant Level

Project Requested Certification(s)

Microbac Laboratories, Inc. - Erie
PA DEP# 25-00067

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.

Reviewed and Approved By:

Carolyn Vollenentine

Carolyn Vollenentine
Project Manager
Reported: 11/30/2017 14:55



CHAIN OF CUSTODY

17K2105 Gannett Fleming, Inc.

Microbac Erie Division 814.825.8533
1962 Wager Road
Erie, PA 16509

eriemmm@microbac.com

Page ____ of ____



Client /Company Name:

Contact Name:

Analyses

BASO GF

Eric Buzza

Address:

Bill To/PO#:

Poststar Plaza Bldg, 400 730 1st Day Dr

B313D

City/State/Zip:

Pittsburgh PA 15120

Phone:

Email/Fax:

412 522 5575

ebuzza@eriemmm.com

Project Name/ID:

Potential Hazards:

Non-Hazard [] Hazard [] Radioactive []

Sampled By:

Disposal:

Dispose of [] Return [] Retain []

Shipped By:

Compliance Sample:

Yes [] No []

State:

Monitoring Period:

PWSID#:

Type Code:

Comp. Start:

Comp. Stop:

Matrix Code:

DW-Potable water

WW-Nonpotable water

SS-Soil/Sludge

F-Food

S-Swab

O-Other

Sample Identification

Date Taken

Time Taken

Type

G

C

Matrix

Tot. #

None

HNO3

H2SO4

NaOH

HCl

Thio

Other

Preservatives

Samples, Containers & COC

Verified as per Sample Receiving Checklist

INITIALS: DMV

DATE: 11-27-17

Relinquished By:

Date/Time:

Received By:

Date/Time:

Temp

21.3°C

Intact:

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SUMMIT ELEMENTARY



Location	Date	Time	Remarks
Kitchen	11/22/12	1032	
Gym Fountain		1036	
Phys Ed Fountain		1102	
Boiler Room		1100	
Library sink		1110	
Room 2 sink		1006	
Room 1 sink		1015	
Room 4 sink		1019	
Room 3 sink		1024	
Room 6 sink		1027	
Room 5 sink		1031	
Room 8 sink		1037	
Room 9 sink		1047	
Boys Restroom Far End sink 1		0823	
Boys Restroom Far End sink 2		0828	
Boys Restroom Far End sink 3		0829	
Boys Restroom Far End sink 4		0831	
Janitors slop sink Far End		0833	
Girls Restroom Far End sink 1		0837	
Girls Restroom Far End sink 2		0839	
Girls Restroom Far End sink 3		0842	
Girls Restroom Far End sink 4		0844	
Fountain by Room 17		0847	
Room 17 sink		0849	
Room 15 sink		0859	
Room 16 sink		0902	
Room 13 sink		0907	
Room 14 sink		0914	
Room 11 sink 1		0918	
Room 11 sink 2		0920	
Room 12 sink		0923	

Room 7 sink

1047



SUMMIT ELEMENTARY

Location	Date	Time	Remarks
Kitchen	11/20/17		
Room 10 restroom	11/20/17	9:28	
Room 10 sink		9:31	
Nurses Exam sink		9:11	
Nurses Restroom		8:08	
Office sink		8:03	
Faculty Room sink		8:17	
Women's faculty restroom		9:43	
Men's faculty restroom		9:46	
Main hall fountain		9:56	
Girls Restroom Main Hall Sink 1		9:36	
Girls Restroom Main Hall Sink 2		9:38	
Girls Restroom Main Hall Sink 3		9:40	
Girls Restroom Main Hall Sink 4		9:41	
Boys Restroom Main Hall Sink 1		10:02	
Boys Restroom Main Hall Sink 2		10:03	
Boys Restroom Main Hall Sink 3		10:05	
Janitors slop sink Main Hall		9:54	