

Lead in Drinking Water – Public and Nonpublic Schools

IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S) **Monarch Global Academy School**

ELEVATED LEAD WATER SAMPLE RESULT(S)

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations. On December 11, 2018, **eighty-seven (87)** lead water samples were collected from **Global Monarch Academy School**. Of these lead water samples, none (0) had levels of lead exceeding the action level of 20 parts per billion (ppb) for lead in drinking water in school buildings.

ACTION LEVEL (AL)

The AL is 20 ppb for lead in drinking water in school buildings. The AL is the concentration of lead which, if exceeded, triggers required remediation.

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

SOURCES OF HUMAN EXPOSURE TO LEAD

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil, some plumbing materials, certain types of pottery, pewter, brass fixtures, food, and cosmetics, exposure in the work place and exposure from certain hobbies, brass faucets, fittings, and valves. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead-containing water this may increase to 40 to 60 percent.

IMMEDIATE ACTIONS TAKEN

1. Since there were no samples of consumable and non-consumable water samples above the action level, no further action is required.

NEXT STEPS

1. The school will be resampled every three years in accordance with State regulations.

TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:

1. Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

Please note that boiling the water will not reduce lead levels.

ADDITIONAL INFORMATION

1. For additional information, please contact Chris Williams, Environmental Issues Program Manager, at 410-360-0138. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at www.epa.gov/lead. If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

KCI Technologies

Project Name: Monarch Global (6113)

Tehsin Aurangabadwala
936 Ridgebrook Road
Sparks, MD 21152

Project / PO Number: N/A
Received: 12/11/2018
Reported: 01/09/2019

Analytical Testing Parameters

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include 6113-1 Health Room Hand Sink (HS) NO C, Drinking Water, 18L0763-01, Shakia Dawkins, 12/11/2018 5:21.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Lead, <1.0, 20.0 AL, 1.0, ppb, 12/27/18 0829, 12/27/18 0959, DLO.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include 6113-2 Health Room Fill Station Drinking Fountain (DF) DF C, Drinking Water, 18L0763-02, Shakia Dawkins, 12/11/2018 5:21.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Lead, <1.0, 20.0 AL, 1.0, ppb, 12/27/18 0829, 12/27/18 1004, DLO.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include 6113-3 Health Room Bathroom (BR) HS BS NC, Drinking Water, 18L0763-03, Shakia Dawkins, 12/11/2018 5:22.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Lead, <1.0, 20.0 AL, 1.0, ppb, 12/27/18 0829, 12/27/18 1006, DLO.

Table with 4 columns: Client Sample ID, Sample Matrix, Lab Sample ID, Collected By, Collection Date. Values include 6113-4 Main Office Fill Station DF DF C, Drinking Water, 18L0763-04, Shakia Dawkins, 12/11/2018 5:24.

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Table with 9 columns: Metals, Total - ICP/MS, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row 1: Lead, <1.0, 20.0 AL, 1.0, ppb, 12/27/18 0829, 12/27/18 1008, DLO.



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-5 Main Office BR-Left HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:25
Lab Sample ID: 18L0763-05	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1010	DLO

Client Sample ID: 6113-6 Main Office BR-Right HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:25
Lab Sample ID: 18L0763-06	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1011	DLO

Client Sample ID: 6113-7 Hall Fountain (outside Cafe) DF-Left (L) DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:11
Lab Sample ID: 18L0763-07	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1017	DLO

Client Sample ID: 6113-8 Hall Fountain (outside Cafe) DF-Left Center (LC) DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:11
Lab Sample ID: 18L0763-08	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1019	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-9 Hall Fountain (outside Cafe) DF-Right Center (RC) DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:12
Lab Sample ID: 18L0763-09	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1021	DLO

Client Sample ID: 6113-10 Hall Fountain (outside Cafe) DF-Right (R.) DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:12
Lab Sample ID: 18L0763-10	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1023	DLO

Client Sample ID: 6113-11 Boys BR (outside Cafe) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:14
Lab Sample ID: 18L0763-11	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1024	DLO

Client Sample ID: 6113-12 Boys BR (outside Cafe) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:14
Lab Sample ID: 18L0763-12	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1028	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-13 Girls BR (outside Gym) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:15
Lab Sample ID: 18L0763-13	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1030	DLO

Client Sample ID: 6113-14 Girls BR (outside Gym) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:15
Lab Sample ID: 18L0763-14	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1032	DLO

Client Sample ID: 6113-15 Art HS CR NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:16
Lab Sample ID: 18L0763-15	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1034	DLO

Client Sample ID: 6113-16 Kitchen Ice Machine IM C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:03
Lab Sample ID: 18L0763-16	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1039	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-17 Kitchen Dual Sink Sink KS C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:04
Lab Sample ID: 18L0763-17	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1041	DLO

Client Sample ID: 6113-18 Kitchen Sprayer Sprayer OT C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:04
Lab Sample ID: 18L0763-18	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1043	DLO

Client Sample ID: 6113-19 Kitchen (right of Dual Sink) HS KS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:06
Lab Sample ID: 18L0763-19	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1045	DLO

Client Sample ID: 6113-20 Kitchen (left of Tri-Sink) HS KS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:06
Lab Sample ID: 18L0763-20	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0829	12/27/18 1047	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-21 Kitchen Tri-Sink Sink KS C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:08
Lab Sample ID: 18L0763-21	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1136	DLO

Client Sample ID: 6113-22 Kitchen BR HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:08
Lab Sample ID: 18L0763-22	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1141	DLO

Client Sample ID: 6113-23 Kitchen (behind serving line) HS KS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:09
Lab Sample ID: 18L0763-23	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1143	DLO

Client Sample ID: 6113-24 Teachers Lounge Fill Station DF DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:26
Lab Sample ID: 18L0763-24	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1145	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-25 Teachers Lounge Fill Station HS TL C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:27
Lab Sample ID: 18L0763-25	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1147	DLO

Client Sample ID: 6113-26 Teachers Lounge BR-Left HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:27
Lab Sample ID: 18L0763-26	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1149	DLO

Client Sample ID: 6113-27 Teachers Lounge BR-Right HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:27
Lab Sample ID: 18L0763-27	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1154	DLO

Client Sample ID: 6113-28 Hall Fountain (outside Media) DF-L DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:30
Lab Sample ID: 18L0763-28	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1156	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-29 Hall Fountain (outside Media) DF-R DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:30
Lab Sample ID: 18L0763-29	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1158	DLO

Client Sample ID: 6113-30 Staff BR-Right (outside Media) HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:31
Lab Sample ID: 18L0763-30	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1200	DLO

Client Sample ID: 6113-31 Staff BR -Left (outside Media) HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:31
Lab Sample ID: 18L0763-31	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1202	DLO

Client Sample ID: 6113-32 159 Bubbler (B) DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:33
Lab Sample ID: 18L0763-32	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1205	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-33 159 HS CR NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:33
Lab Sample ID: 18L0763-33	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1207	DLO

Client Sample ID: 6113-34 159-BR HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:34
Lab Sample ID: 18L0763-34	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1209	DLO

Client Sample ID: 6113-35 158 B DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:35
Lab Sample ID: 18L0763-35	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1211	DLO

Client Sample ID: 6113-36 158 HS CR NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:35
Lab Sample ID: 18L0763-36	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1217	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-37 158-BR HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:36
Lab Sample ID: 18L0763-37	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0831	12/27/18 1218	DLO

Client Sample ID: 6113-38 157 B DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:38
Lab Sample ID: 18L0763-38	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1123	DLO

Client Sample ID: 6113-39 157 HS CR NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:38
Lab Sample ID: 18L0763-39	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1125	DLO

Client Sample ID: 6113-41 Hall Fountain (next to 145) DF-L DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:42
Lab Sample ID: 18L0763-41	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1238	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-42 Hall Fountain (next to 145) DF-LC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:42
Lab Sample ID: 18L0763-42	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1243	DLO

Client Sample ID: 6113-43 Hall Fountain (next to 145) DF-RC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:42
Lab Sample ID: 18L0763-43	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1245	DLO

Client Sample ID: 6113-44 Hall Fountain (next to 145) DF-R DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:42
Lab Sample ID: 18L0763-44	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1247	DLO

Client Sample ID: 6113-45 Girls BR (next to 145) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:45
Lab Sample ID: 18L0763-45	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1249	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-46 Girls BR (next to 145) HS-Center (C.) BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:45
Lab Sample ID: 18L0763-46	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1251	DLO

Client Sample ID: 6113-47 Girls BR (next to 145) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:45
Lab Sample ID: 18L0763-47	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1256	DLO

Client Sample ID: 6113-48 Boys BR (next to 145) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:47
Lab Sample ID: 18L0763-48	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1258	DLO

Client Sample ID: 6113-49 Boys BR (next to 145) HS-C BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:47
Lab Sample ID: 18L0763-49	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1300	DLO



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-50 Boys BR (next to 145) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:47
Lab Sample ID: 18L0763-50	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1302	DLO

Client Sample ID: 6113-51 Hall Fountain (across from 217) DF-L DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:50
Lab Sample ID: 18L0763-51	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1304	DLO

Client Sample ID: 6113-52 Hall Fountain (across from 217) DF-LC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:50
Lab Sample ID: 18L0763-52	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1307	DLO

Client Sample ID: 6113-53 Hall Fountain (across from 217) DF-RC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:50
Lab Sample ID: 18L0763-53	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1309	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-54 Hall Fountain (across from 217) DF-R DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:50
Lab Sample ID: 18L0763-54	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1311	DLO

Client Sample ID: 6113-55 Boys BR (across from 217) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:55
Lab Sample ID: 18L0763-55	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1313	DLO

Client Sample ID: 6113-56 Boys BR (across from 217) HS-C BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:55
Lab Sample ID: 18L0763-56	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1318	DLO

Client Sample ID: 6113-57 Boys BR (across from 217) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:55
Lab Sample ID: 18L0763-57	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1320	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-58 Girls BR (across from 217) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:56
Lab Sample ID: 18L0763-58	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1322	DLO

Client Sample ID: 6113-59 Girls BR (across from 217) HS-C BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:56
Lab Sample ID: 18L0763-59	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1324	DLO

Client Sample ID: 6113-60 Girls BR (across from 217) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:56
Lab Sample ID: 18L0763-60	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0833	12/27/18 1326	DLO

Client Sample ID: 6113-61 Hall BR (across from 207) HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:01
Lab Sample ID: 18L0763-61	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1335	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-62 Science Teachers Lounge (Fill Station) DF DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:00
Lab Sample ID: 18L0763-62	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1341	DLO

Client Sample ID: 6113-63 Science Teachers Lounge HS TL C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:00
Lab Sample ID: 18L0763-63	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1343	DLO

Client Sample ID: 6113-65 Hall Fountain (across from 233) DF-LC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:02
Lab Sample ID: 18L0763-65	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1344	DLO

Client Sample ID: 6113-66 Hal Fountain (across from 233) DF-RC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:02
Lab Sample ID: 18L0763-66	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1346	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-67 Hall Fountain (across from 233) DF-R DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:02
Lab Sample ID: 18L0763-67	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1348	DLO

Client Sample ID: 6113-68 Girls BR (across from 233) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:04
Lab Sample ID: 18L0763-68	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1354	DLO

Client Sample ID: 6113-69 Girls BR (across from 233) HS-C BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:04
Lab Sample ID: 18L0763-69	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1356	DLO

Client Sample ID: 6113-70 Girls BR (across from 233) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:04
Lab Sample ID: 18L0763-70	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1358	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-71 Boys BR (across from 233) HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:05
Lab Sample ID: 18L0763-71	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1359	DLO

Client Sample ID: 6113-72 Boys BR (across from 233) HS-C BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:05
Lab Sample ID: 18L0763-72	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1403	DLO

Client Sample ID: 6113-73 Boys BR (across from 233) HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:05
Lab Sample ID: 18L0763-73	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1405	DLO

Client Sample ID: 6113-74 Chrysalis Center-Staff BR-Left HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:21
Lab Sample ID: 18L0763-74	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1407	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-75 Chrysalis Center-Staff BR -Right HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:21
Lab Sample ID: 18L0763-75	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1409	DLO

Client Sample ID: 6113-76 Chrysalis Center-Men's BR HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:22
Lab Sample ID: 18L0763-76	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1410	DLO

Client Sample ID: 6113-77 Chrysalis Center-Men's BR HS-LC BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:22
Lab Sample ID: 18L0763-77	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1416	DLO

Client Sample ID: 6113-78 Chrysalis Center-Men's BR HS-RC BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:22
Lab Sample ID: 18L0763-78	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1418	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-79 Chrysalis Center-Men's BR HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:22
Lab Sample ID: 18L0763-79	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1420	DLO

Client Sample ID: 6113-80 Chrysalis Center-Women's BR HS-L BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:24
Lab Sample ID: 18L0763-80	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/27/18 0834	12/27/18 1422	DLO

Client Sample ID: 6113-81 Chrysalis Center-Women's BR HS-LC BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:24
Lab Sample ID: 18L0763-81	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0946	12/28/18 1151	DLO

Client Sample ID: 6113-82 Chrysalis Center-Women's BR HS-RC BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:24
Lab Sample ID: 18L0763-82	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1127	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-83 Chrysalis Center-Women's BR HS-R BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:24
Lab Sample ID: 18L0763-83	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1129	DLO

Client Sample ID: 6113-84 Chrysalis Center-Hall Fountain (next to 303) DF-L DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:18
Lab Sample ID: 18L0763-84	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1134	DLO

Client Sample ID: 6113-85 Chrysalis Center-Hall Fountain (next to 303) DF-LC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:18
Lab Sample ID: 18L0763-85	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1136	DLO

Client Sample ID: 6113-86 Chrysalis Center-Hall Fountain (next to 303) DF-RC DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:18
Lab Sample ID: 18L0763-86	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1138	DLO



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CERTIFICATE OF ANALYSIS

18L0763

Client Sample ID: 6113-87 Chrysalis Center-Hall Fountain (next to 303) DF-R DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:18
Lab Sample ID: 18L0763-87	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1140	DLO

Client Sample ID: 6113-88 Chrysalis Center-Closet (next to 308)-Fill Station DF DF C	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 6:17
Lab Sample ID: 18L0763-88	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0942	12/28/18 1142	DLO

Client Sample ID: 6113-89 Maintenance Bathroom HS BS NC	Collected By: Shakia Dawkins
Sample Matrix: Drinking Water	Collection Date: 12/11/2018 5:23
Lab Sample ID: 18L0763-89	

Analyses Subcontracted to: Microbac Laboratories, Inc. - Dayville

Metals, Total - ICP/MS	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.8, Rv. 5.4								
Lead	<1.0	20.0 AL	1.0	ppb		12/28/18 0946	12/28/18 1157	DLO

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

Project Requested Certification(s)

Microbac Laboratories, Inc. - Dayville
349

Maryland Department of the Environment



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

18L0763

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 black ink, appearing to read "Jake Mason", written over a light gray rectangular background.

Jake Mason

Client Relations

Reported: 01/09/2019 12:20



KCI Technologies, Inc. Chain of C

KCI Technologies, Inc. 936 Ridgebrook Rd., Baltimore, MD 21152 (410) 316-

AACPS Drinking Water Lead Survey



1 8 L 0 7 6 3

KCI Technologies

13.6°C

Sample Date/Start Time: 12/11/18 5:03 End Time 6:24 am

Bottle Type/Preservative: 250 ml plastic/HNO3 Analysis: (EPA 200.8) Samples Preserved: Yes or No Notes:

Sampled/Relinquished by Shakia Dankins Received at Microbac by Carlina Murray Date/Time 12-11-18 900

Total Samples Submitted 87 Total Samples Not Submitted 2

Monarch Global (6113)

430 Brock Bridge Rd, Laurel, MD 20724

ALL OUTLETS WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 8PM AND 9PM

Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bib, etc.)	Outlet Key Codes	Consumption C or NC	Sample Time
1	Health Room	Hand Sink (HS)	NO	C	5:21
2	Health Room Fill Station	Drinking Fountain (DF)	DF	C	5:21
3	Health Room Bathroom (BR)	HS	BS	NC	5:22
4	Main Office Fill Station	DF	DF	C	5:24
5	Main Office BR-Left	HS	BS	NC	5:25
6	Main Office BR-Right	HS	BS	NC	5:25
7	Hall Fountain (outside Café)	DF-Left (L)	DF	C	5:11
8	Hall Fountain (outside Café)	DF-Left Center (LC)	DF	C	5:11
9	Hall Fountain (outside Café)	DF-Right Center (RC)	DF	C	5:12
10	Hall Fountain (outside Café)	DF-Right (R.)	DF	C	5:12
11	Boys BR (outside Café)	HS-L	BS	NC	5:14
12	Boys BR (outside Café)	HS-R	BS	NC	5:14
13	Girls BR (outside Gym)	HS-L	BS	NC	5:15
14	Girls BR (outside Gym)	HS-R	BS	NC	5:15
15	Art	HS	CR	NC	5:16
16	Kitchen	Ice Machine	IM	C	5:03
17	Kitchen Dual Sink	Sink	KS	C	5:04
18	Kitchen Sprayer	Sprayer	OT	C	5:04
19	Kitchen (right of Dual Sink)	HS	KS	NC	5:06
20	Kitchen (left of Tri-Sink)	HS	KS	NC	5:06



KCI Technologies, Inc. Chain of Custody

KCI Technologies, Inc. 936 Ridgebrook Rd., Baltimore, MD 21152 (410) 316-7800 John.Adams@kci.com

AACPS Drinking Water Lead Survey

Monarch Global (6113)

Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bib, etc.)	Outlet Key Codes	Consumption C or NC	Sample Time
21	Kitchen Tri-Sink	Sink	KS	C	5:08
22	Kitchen BR	HS	BS	NC	5:08
23	Kitchen (behind serving line)	HS	KS	NC	5:09
24	Teachers Lounge Fill Station	DF	DF	C	5:26
25	Teachers Lounge Fill Station	HS	TL	C	5:27
26	Teachers Lounge BR-Left	HS	BS	NC	5:27
27	Teachers Lounge BR-Right	HS	BS	NC	5:27
28	Hall Fountain (outside Media)	DF-L	DF	C	5:30
29	Hall Fountain (outside Media)	DF-R	DF	C	5:30
30	Staff BR-Right (outside Media)	HS	BS	NC	5:31
31	Staff BR -Left (outside Media)	HS	BS	NC	5:31
32	159	Bubbler (B)	DF	C	5:33
33	159	HS	CR	NC	5:33
34	159-BR	HS	BS	NC	5:34
35	158	B	DF	C	5:35
36	158	HS	CR	NC	5:35
37	158-BR	HS	BS	NC	5:36
38	157	B	DF	C	5:38
39	157	HS	CR	NC	5:38
40	157-BR (Same BR as 158)	HS	BS	NC	5:38
41	Hall Fountain (next to 145)	DF-L	DF	C	5:42
42	Hall Fountain (next to 145)	DF-LC	DF	C	5:42
43	Hall Fountain (next to 145)	DF-RC	DF	C	5:42
44	Hall Fountain (next to 145)	DF-R	DF	C	5:42
45	Girls BR (next to 145)	HS-L	BS	NC	5:45
46	Girls BR (next to 145)	HS-Center (C.)	BS	NC	5:45

**KCI Technologies, Inc. Chain of Custody**

KCI Technologies, Inc. 936 Ridgebrook Rd., Baltimore, MD 21152 (410) 316-7800 John.Adams@kci.com

AACPS Drinking Water Lead Survey**Monarch Global (6113)**

Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bib, etc.)	Outlet Key Codes	Consumption C or NC	Sample Time
47	Girls BR (next to 145)	HS-R	BS	NC	5:45
48	Boys BR (next to 145)	HS-L	BS	NC	5:47
49	Boys BR (next to 145)	HS-C	BS	NC	5:47
50	Boys BR (next to 145)	HS-R	BS	NC	5:47
51	Hall Fountain (across from 217)	DF-L	DF	C	5:50
52	Hall Fountain (across from 217)	DF-LC	DF	C	5:50
53	Hall Fountain (across from 217)	DF-RC	DF	C	5:50
54	Hall Fountain (across from 217)	DF-R	DF	C	5:50
55	Boys BR (across from 217)	HS-L	BS	NC	5:55
56	Boys BR (across from 217)	HS-C	BS	NC	5:55
57	Boys BR (across from 217)	HS-R	BS	NC	5:55
58	Girls BR (across from 217)	HS-L	BS	NC	5:56
59	Girls BR (across from 217)	HS-C	BS	NC	5:56
60	Girls BR (across from 217)	HS-R	BS	NC	5:56
61	Hall BR (across from 207)	HS	BS	NC	6:01
62	Science Teachers Lounge (Fill Station)	DF	DF	C	6:00
63	Science Teachers Lounge	HS	TL	C	6:00
64	Hall Fountain (across from 233)	DF-L Broken	DF	C	6:02
65	Hall Fountain (across from 233)	DF-LC	DF	C	6:02
66	Hall Fountain (across from 233)	DF-RC	DF	C	6:02
67	Hall Fountain (across from 233)	DF-R	DF	C	6:02
68	Girls BR (across from 233)	HS-L	BS	NC	6:04
69	Girls BR (across from 233)	HS-C	BS	NC	6:04
70	Girls BR (across from 233)	HS-R	BS	NC	6:04
71	Boys BR (across from 233)	HS-L	BS	NC	6:05



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AACPS Drinking Water Lead Survey

Monarch Global (6113)

Sample #	Room #	Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bib, etc.)	Outlet Key Codes	Consumption C or NC	Sample Time
72	Boys BR (across from 233)	HS-C	BS	NC	6:05
73	Boys BR (across from 233)	HS-R	BS	NC	6:05
74	Chrysalis Center-Staff BR-Left	HS	BS	NC	6:21
75	Chrysalis Center-Staff BR - Right	HS	BS	NC	6:21
76	Chrysalis Center-Men's BR	HS-L	BS	NC	6:22
77	Chrysalis Center-Men's BR	HS-LC	BS	NC	6:22
78	Chrysalis Center-Men's BR	HS-RC	BS	NC	6:22
79	Chrysalis Center-Men's BR	HS-R	BS	NC	6:22
80	Chrysalis Center-Women's BR	HS-L	BS	NC	6:24
81	Chrysalis Center-Women's BR	HS-LC	BS	NC	6:24
82	Chrysalis Center-Women's BR	HS-RC	BS	NC	6:24
83	Chrysalis Center-Women's BR	HS-R	BS	NC	6:24
84	Chrysalis Center-Hall Fountain (next to 303)	DF-L	DF	C	6:18
85	Chrysalis Center-Hall Fountain (next to 303)	DF-LC	DF	C	6:18
86	Chrysalis Center-Hall Fountain (next to 303)	DF-RC	DF	C	6:18
87	Chrysalis Center-Hall Fountain (next to 303)	DF-R	DF	C	6:18
88	Chrysalis Center-Closet (next to 308)-Fill Station	DF	DF	C	6:17
89	Maintenance (Bathroom)	HS	HS	NC	5:23