



MINNEAPOLIS
PUBLIC SCHOOLS

Urban Education. Global Citizens.

Environmental Health & Safety
Office: (612) 668-0310
Direct: (612)-668-0307
Cell: (612) 806-1394

Jason Karpe
Safety Specialist,
Environmental Health & Safety

MEMORANDUM

TO: Joan Franks, Principal, Armatage Montessori School
FROM: Jason Karpe, Safety Specialist, Environmental Health & Safety (EH&S)
DATE: October 12, 2018
SUBJECT: Armatage Montessori School
Lead in Water Testing (Flushing Program Waiver)

As part of the Minneapolis Public Schools (MPS) Lead in Water Safety Plan, EH&S sampled drinking water fixtures at Armatage on October 3, 2018. All water was collected on a first draw basis with a minimum of six-hour system stagnation. This method represents the worst-case scenario for lead in water concentrations. A total of thirty-five (35) drinking sources were tested. No locations tested above the 20 parts per billion (ppb) Action Level and in fact, all results were below 5 ppb (see attached laboratory report).

Because of new plumbing materials installed as part of recent facility renovations and laboratory results confirming that all water sources are below the 20 ppb Action Level, Armatage has qualified to receive a waiver from the MPS Daily Lead in Water Flushing Protocol.

Based on the laboratory results, Armatage is no longer required to perform MPS Daily Lead in Water Flushing Protocol. As good practice, EH&S recommends and encourages that staff and students run drinking sources until cool, before drinking.

This memorandum and the laboratory analysis report will be maintained available to the public on the MPS website.

<https://www.mpschools.org/departments/operations/environmental-health-safety>

If you have any questions, you may contact me at your convenience at 612-668-0307.

Attachment: Laboratory Analysis Report dated October 8, 2018

cc: Keith Johnson, Lee Setter, Shawn Lindell, Terry Johnson, James Tschida, Diane Daun

Twin City Water Clinic Laboratory Test Report

Minnesota State Laboratory ID# 027-053-119
 Wisconsin State Laboratory ID# 105-10117
 Wisconsin DNR Lab ID #399073400

Client: Armatage Montessori
 Minneapolis Public School
 1225 North 7th Street
 Minneapolis, MN 55411

Report Number: 18-13027
Sample Receipt Date: 10/03/18
Sample Prep. Date: 10/03/18
Sample Prep. Time: 14:30
Report Issue Date: 10/09/18

Twin City Water Clinic Inc.
 617 13th Avenue South
 Hopkins, MN 55343
Phone: (952)935-3556
Fax: (952)935-5077

X No samples were subcontracted; or the above test result(s) with "*" designation were produced by a subcontracted laboratory. [Laboratory name; address; MDH Lab ID#]. The subcontracted laboratory maintains MDH Certification for the field(s) of testing performed.

Laboratory Sample ID	Analyte	Sample Location	Parameter	Sample Collection		Sample Analysis		Test Results	Units
				Date	Time	Date	Time		
18-13027	Lead	RM101 DF	Drinking Water	10/03/18	05:30	10/08/18	10:13	<2.0	µg/L
18-13028	Lead	RM102 DF	Drinking Water	10/03/18	05:32	10/08/18	10:19	<2.0	µg/L
18-13029	Lead	RM104 DF	Drinking Water	10/03/18	05:34	10/08/18	10:25	<2.0	µg/L
18-13030	Lead	RM105 DF	Drinking Water	10/03/18	05:35	10/08/18	10:31	<2.0	µg/L
18-13031	Lead	RM106 DF	Drinking Water	10/03/18	05:38	10/08/18	10:37	<2.0	µg/L
18-13032	Lead	RM107 DF	Drinking Water	10/03/18	05:40	10/08/18	10:43	<2.0	µg/L
18-13033	Lead	RM108 DF	Drinking Water	10/03/18	05:44	10/08/18	10:48	<2.0	µg/L
18-13034	Lead	RM109 DF	Drinking Water	10/03/18	05:47	10/08/18	10:54	<2.0	µg/L
18-13035	Lead	RM110 DF	Drinking Water	10/03/18	05:48	10/08/18	11:11	<2.0	µg/L
18-13036	Lead	RM111 DF	Drinking Water	10/03/18	05:49	10/08/18	11:29	<2.0	µg/L
18-13037	Lead	RM112 DF	Drinking Water	10/03/18	05:51	10/08/18	11:35	3.37	µg/L
18-13038	Lead	RM113 DF	Drinking Water	10/03/18	05:53	10/08/18	11:40	<2.0	µg/L
18-13039	Lead	RM114 DF	Drinking Water	10/03/18	05:55	10/08/18	11:46	<2.0	µg/L
18-13040	Lead	RM115 DF	Drinking Water	10/03/18	06:01	10/08/18	11:51	<2.0	µg/L
18-13041	Lead	RM116 DF	Drinking Water	10/03/18	06:04	10/08/18	11:57	<2.0	µg/L
18-13042	Lead	RM117 DF	Drinking Water	10/03/18	06:07	10/09/18	10:41	2.62	µg/L
18-13043	Lead	RM118 DF	Drinking Water	10/03/18	06:10	10/09/18	10:47	<2.0	µg/L
18-13044	Lead	RM119 DF	Drinking Water	10/03/18	06:12	10/09/18	10:53	<2.0	µg/L
18-13045	Lead	RM121 DF	Drinking Water	10/03/18	06:14	10/09/18	10:59	<2.0	µg/L
18-13046	Lead	RM215 DF	Drinking Water	10/03/18	06:16	10/09/18	11:05	<2.0	µg/L

Approved methods used in analyzing the samples listed above have the following reporting levels:
 SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: X Client TCWC

Sample Temp.: 20 °C

Notes: DF = drinking fountain

Discussion:



Bill Van Arsdale
 Laboratory Manager

Approved By:

The results listed in this report apply only to the above listed samples. All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety. All methods are certified by the Minnesota Department of Health, unless otherwise noted.

Twin City Water Clinic Laboratory Test Report

Minnesota State Laboratory ID# 027-053-119
 Wisconsin State Laboratory ID# 105-10117
 Wisconsin DNR Lab ID #399073400

Client: Armatage Montessori
 Minneapolis Public School
 1225 North 7th Street
 Minneapolis, MN 55411

Report Number: 18-13047
Sample Receipt Date: 10/03/18
Sample Prep. Date: 10/03/18
Sample Prep. Time: 14:30
Report Issue Date: 10/09/18

Twin City Water Clinic Inc.
 617 13th Avenue South
 Hopkins, MN 55343
 Phone: (952)935-3556
 Fax: (952)935-5077

X No samples were subcontracted; or the above test result(s) with "*" designation were produced by a subcontracted laboratory. [Laboratory name; address; MDH Lab ID#]. The subcontracted laboratory maintains MDH Certification for the field(s) of testing performed.

Approved methods used in analyzing the samples listed above have the following reporting levels:

SM3113 - Lead, 2.0 µg / L
 Maximum contaminant level: Lead, 15.0 µg / L

Sample Collected by: X Client TCWC

Sample Temp.: 20 °C

Notes: DF = drinking fountain

Discussion:

Approved By:



Bill Van Arsdale
 Laboratory Manager

Laboratory Sample ID	Analyte	Sample Location	Parameter	Sample Collection		Sample Analysis		Test Results	Units
				Date	Time	Date	Time		
18-13047	Lead	RM207 DF	Drinking Water	10/03/18	06:19	10/09/18	11:11	<2.0	µg/L
18-13048	Lead	RM203 DF	Drinking Water	10/03/18	06:22	10/09/18	11:28	<2.0	µg/L
18-13049	Lead	Media Center Work RM DF	Drinking Water	10/03/18	06:25	10/09/18	11:45	<2.0	µg/L
18-13050	Lead	Hallway DF outside RM103	Drinking Water	10/03/18	06:27	10/09/18	11:51	<2.0	µg/L
18-13051	Lead	Kitchen Dish Washing Station	Drinking Water	10/03/18	06:29	10/09/18	11:57	<2.0	µg/L
18-13052	Lead	Kitchen Food Washing Station	Drinking Water	10/03/18	06:30	10/09/18	12:02	<2.0	µg/L
18-13053	Lead	Lunch RM hallway new DF	Drinking Water	10/03/18	06:32	10/09/18	12:08	<2.0	µg/L
18-13054	Lead	Nurse Office lobby sink	Drinking Water	10/03/18	06:33	10/09/18	12:14	<2.0	µg/L
18-13055	Lead	Nurse Office restroom sink	Drinking Water	10/03/18	06:33	10/09/18	12:19	<2.0	µg/L
18-13056	Lead	RM124 DF	Drinking Water	10/03/18	06:35	10/09/18	12:25	<2.0	µg/L
18-13057	Lead	RM125 DF	Drinking Water	10/03/18	06:36	10/09/18	12:31	<2.0	µg/L
18-13058	Lead	RM126 DF	Drinking Water	10/03/18	06:38	10/09/18	12:48	<2.0	µg/L
18-13059	Lead	RM127 DF	Drinking Water	10/03/18	06:40	10/09/18	13:05	<2.0	µg/L
18-13060	Lead	Hallway outside Mech RM DF	Drinking Water	10/03/18	06:41	10/09/18	13:11	<2.0	µg/L
18-13061	Lead	Hallway DF near door 2	Drinking Water	10/03/18	06:42	10/09/18	13:16	4.44	µg/L

The results listed in this report apply only to the above listed samples. All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety. All methods are certified by the Minnesota Department of Health, unless otherwise noted.