

## **Environmental Health & Safety**

Office: (612) 668-0310 Direct: 612-668-0308 Cell: (612) 719-7742 Lee Setter Manager, Environmental Health & Safety

## **MEMORANDUM**

To: Kevin Oldenburg, Principal Hiawatha School

From: Lee Setter, Manager Environmental Health & Safety

Date: February 3, 2022

RE: Hiawatha School

**Lead In Water Testing** 

Drinking water was tested at Hiawatha School on December 2, 2021. The testing was performed as part of our Lead in Water Safety Program and as recommended by the Minnesota Department of Health. The purpose of this program is to ensure that school drinking water does not exceed a permissible lead level of 20 parts per billion (ppb).

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. All drinking water samples collected at Hiawatha School had first draw concentrations below 20 ppb (see attached laboratory report). As an added precaution, MPS plumbing department evaluates all samples above 10 ppb. The drinking fountain outside room 101 tested above 10 ppb. EH&S department instructed the plumbing department to install a new lead safe plumbing kit in the fountain. The water source was re-tested following the repairs on January 14, 2022. The test result was less than the detection limit for lead.

It is very good news to receive test results showing all drinking water sources to be below the 20 ppb standard. However, because not all piping at Hiawatha has been replaced with new piping and potential sources of lead still remain; we have determined that the safest course of action is for Hiawatha to continue its participation in the Lead in Water Flushing Program. EH&S has communicated the procedures for proper flushing with your building engineer and the importance to perform these procedures on a daily basis. The laboratory analysis report will be 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.

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										X No samples were subcontracted; or the above test result(s) with'**' designation were produced by a
Client:	Hiawatl	na School	Report Number:		21-11678	Twin City Water Clinic Inc.				subcontracted laboratory. [Laboratory name; address;
	Minneap	olis Public Schools	Sample Receipt Date:		12/2/21	617 13th Avenue South				MDH Lab ID#]. The subcontracted laboratory maintains
Address:	1225 North 7th Street		Sample Prep. Date:		12/2/21	Hopkins, MN 55343				MDH Certification for the field(s) of testing performed.
	Minneapolis, MN 55411		Sample Prep. Time:		11:40	Phone: (952)935-3556				
			Report Issue Date:		12/17/21	Fax: (952)935-5077			7	
Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test		Approved methods used in analyzing the
Sample ID		Location		Date	Time	Date	Time	Results	Units	samples listed above have the following
21-11678	Lead	DF Hallway Room 115	Drinking Water	12/2/21	04:24	12/03/21	11:29	<2.0	μg/L	reporting levels:
21-11679	Lead	DF Room 119	Drinking Water	12/2/21	04:26	12/03/21	11:35	<2.0	μg/L	SM3113 - Lead, 2.0 μg / L
21-11680	Lead	DF Room 111	Drinking Water	12/2/21	04:28	12/03/21	11:41	<2.0	μg/L	Maximum contaminant level: Lead, 15.0 μg/L
21-11681	Lead	DF Hall Room 121	Drinking Water	12/2/21	04:29	12/03/21	11:47	<2.0	μg/L	
21-11682	Lead	DF Room 109	Drinking Water	12/2/21	04:32	12/08/21	11:37	<2.0	μg/L	Sample Collected by: <u>X</u> Client TCWC
21-11683	Lead	Staff Sink - Room 122	Drinking Water	12/2/21	04:34	12/08/21	11:43	<2.0	μg/L	
21-11684	Lead	DF Room 107	Drinking Water	12/2/21	04:37	12/08/21	11:48	<2.0	μg/L	Sample Temp: 12° C
21-11685	Lead	DF Room 105	Drinking Water	12/2/21	04:39	12/08/21	11:54	<2.0	μg/L	
21-11686	Lead	DF Room 103	Drinking Water	12/2/21	04:40	12/08/21	12:00	<2.0	μg/L	
21-11687	Lead	Hallway DF Room 101	Drinking Water	12/2/21	04:44	12/08/21	12:05	14.44	μg/L	Notes:
21-11688	Lead	DF Room 101	Drinking Water	12/2/21	04:46	12/08/21	12:11	<2.0	μg/L	
21-11689	Lead	DF Room 124	Drinking Water	12/2/21	04:48	12/08/21	12:17	<2.0	μg/L	
21-11690	Lead	DF Room 106	Drinking Water	12/2/21	04:50	12/14/21	12:23	<2.0	μg/L	Discussion: DF = Drinking Fountain
21-11691	Lead	DF Room 108	Drinking Water	12/2/21	04:52	12/14/21	12:29	<2.0	μg/L	
21-11692	Lead	DF Room 110	Drinking Water	12/2/21	04:54	12/14/21	12:34	<2.0	μg/L	
21-11693	Lead	DF Room 112	Drinking Water	12/2/21	04:56	12/14/21	12:40	<2.0	μg/L	120
21-11694	Lead	Hallway DF Room 106	<b>Drinking Water</b>	12/2/21	04:58	12/14/21	12:46	<2.0	μg/L	Approved By:
21-11695	Lead	Hallway DF Room 112	Drinking Water	12/2/21	05:01	12/17/21	12:47	<2.0	μg/L	Bill Van Arsdale
21-11696	Lead	Hallway DF Room 118	Drinking Water	12/2/21	05:03	12/17/21	12:53	<2.0	μg/L	Laboratory Manager
21-11697	Lead	DF - Lunch Room	Drinking Water	12/2/21	05:06	12/17/21	12:58	<2.0	μg/L	
21-11698	Lead	Kitchen Wash Prep - Sink	Drinking Water	12/2/21	05:08	12/17/21	13:04	<2.0	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.

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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										X No samples were subcontracted; or the above test
Client:	Hiawa	tha School	Report Number: 22-00491			Twin City Water Clinic Inc.				result(s) with'**' designation were produced by a subcontracted laboratory. [Laboratory name; address;
	Minneapolis Public Schools			Sample Receipt Date: 1/14/22			13th A	venue Sou	ıth	MDH Lab ID#]. The subcontracted laboratory maintains
Address:	SS: 1225 North 7th Street		Sample Prep. Date: 1/14/22			Hopkins, MN 55343				MDH Certification for the field(s) of testing performed.
	Minneapolis, MN 55411		Sample Prep. Time: 12:45			Phone: (952)935-3556				
			Report Issue Date: 1/27/22			Fax: (952)935-5077				
Laboratory	Analyte	Sample	Parameter	Sample Co	llection	Sample Analysis Test			Approved methods used in analyzing the	
Sample ID		Location		Date	Time	Date	Time	Results	Units	samples listed above have the following
22-00491	Lead	Hallway DF Room 101	Drinking Water	1/14/2022	05:44	01/27/22	12:48	<2.0	μg/L	reporting levels:
										SM3113 - Lead, 2.0 μg / L
										Maximum contaminant level: Lead, 15.0 μg/L
										Sample Collected by: X Client TCW
										Sample Temp.: 2º C
										Notes: Retest after plumbing upgrade.
										-
										Discussion: DF = Drinking Fountain
										1
										1 ms
										Approved By:
										Bill Van Arsdale
										Laboratory Manager

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.

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