



MINNEAPOLIS
PUBLIC SCHOOLS

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Environmental Health & Safety

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Jason Karpe
Safety Specialist,
Environmental Health & Safety

MEMORANDUM

To: Yusaf Abdullah, Principal Patrick Henry High School

From: Jason Karpe, Safety Specialist, Environmental Health & Safety (EH&S)

Date: March 2, 2020

RE: **Patrick Henry High School**
Lead in Water Testing

EH&S tested drinking water at Henry High School on February 14, 2020 (laboratory report attached). 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. Twenty-seven (27) drinking sources were tested. All samples collected within the main building had **no** lead detected and are reported as <2 ppb* (*lab detection limit). In the gym building, one sample in the boy's locker room tested above the 20 ppb standard. EH&S had the MPS Plumbing Shop evaluate the gym building plumbing system. The drinking fixtures have been updated to lead-free fixtures. The source of the lead is likely the plumbing branch lines in the walls of the locker room area and daily flushing is the best resolution.

Based on the results, the main portion of the building does not need to participate in the flushing program, but the gym building will continue to participate in the MPS Daily Lead in Water Flushing Program. EH&S has communicated the procedures for proper flushing with your Senior Custodian and the importance to perform these procedures on a daily basis. All staff can help in this effort by running water until cool before drinking.

The memorandum and the laboratory analysis report are maintained available to the public on the district website. <https://www.mpschools.org/departments/operations/environmental-health-safety>

Please contact me if you have any questions.

Attachment: Initial Laboratory Analysis Report dated February 20, 2020

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: Patrick Henry High School
 Minneapolis Public Schools
Address: 1225 North 7th Street
 Minneapolis, MN 55411

Report Number: 20-01481
Sample Receipt Date: 02/14/20
Sample Prep. Date: 02/14/20
Sample Prep. Time: 10:15
Report Issue Date: 02/20/20

Twin City Water Clinic Inc.
 617 13th Avenue South
 617 13th Avenue South
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	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
20-01481	Lead	Hallway DF Room 316	Drinking Water	2/14/20	04:42	02/17/20	10:56	<2.0	µg/L
20-01482	Lead	Hallway DF Room 315	Drinking Water	2/14/20	04:43	02/17/20	11:02	<2.0	µg/L
20-01483	Lead	Hallway DF Room 309	Drinking Water	2/14/20	04:55	02/17/20	11:08	<2.0	µg/L
20-01484	Lead	Hallway DF Room 306	Drinking Water	2/14/20	04:59	02/17/20	11:13	<2.0	µg/L
20-01485	Lead	Hallway DF Room 214	Drinking Water	2/14/20	05:02	02/17/20	11:19	<2.0	µg/L
20-01486	Lead	Hallway DF Room 219	Drinking Water	2/14/20	05:06	02/17/20	11:25	<2.0	µg/L
20-01487	Lead	Hallway DF Room 208	Drinking Water	2/14/20	05:12	02/17/20	11:30	<2.0	µg/L
20-01488	Lead	Hallway DF Room 206	Drinking Water	2/14/20	05:14	02/17/20	11:36	<2.0	µg/L
20-01489	Lead	Hallway DF Room 170	Drinking Water	2/14/20	05:17	02/17/20	11:41	<2.0	µg/L
20-01490	Lead	Hallway DF Room 168	Drinking Water	2/14/20	05:19	02/18/20	11:09	<2.0	µg/L
20-01491	Lead	Hallway DF Room 156	Drinking Water	2/14/20	05:21	02/18/20	11:14	<2.0	µg/L
20-01492	Lead	Hallway DF Room 150	Drinking Water	2/14/20	05:23	02/18/20	11:20	<2.0	µg/L
20-01493	Lead	Hallway DF Room 149	Drinking Water	2/14/20	05:24	02/18/20	11:26	<2.0	µg/L
20-01494	Lead	Health Office Sink Rm 153	Drinking Water	2/14/20	05:27	02/18/20	11:31	<2.0	µg/L
20-01495	Lead	Hallway DF Room 103	Drinking Water	2/14/20	05:29	02/18/20	11:37	<2.0	µg/L
20-01496	Lead	Hallway DF Room 127	Drinking Water	2/14/20	05:30	02/18/20	11:43	<2.0	µg/L
20-01497	Lead	Hallway DF Room 121	Drinking Water	2/14/20	05:31	02/18/20	11:48	<2.0	µg/L
20-01498	Lead	Eng. Office - Sink	Drinking Water	2/14/20	05:33	02/19/20	10:37	<2.0	µg/L
20-01499	Lead	Kitchen Prep Sink	Drinking Water	2/14/20	05:35	02/19/20	10:42	<2.0	µg/L
20-01500	Lead	Kitchen Wash Sink	Drinking Water	2/14/20	05:37	02/19/20	10:47	<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: Client TCWC

Sample Temp: 2° C

Notes: DF = drinking fountain, Rm = room

Discussion:

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.

Twin City Water Clinic Laboratory Test Report

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 Wisconsin State Laboratory ID# 105-10117
 Wisconsin DNR Lab ID #399073400

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 Minneapolis, MN 55411

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Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
20-01501	Lead	Lunch Room DF	Drinking Water	2/14/20	05:39	02/19/20	10:52	<2.0	µg/L
20-01502	Lead	Hallway DF - Loading Area	Drinking Water	2/14/20	05:41	02/19/20	10:58	<2.0	µg/L
20-01503	Lead	G100 Concession - Sink	Drinking Water	2/14/20	05:42	02/19/20	11:03	<2.0	µg/L
20-01504	Lead	Gym Lobby - DF	Drinking Water	2/14/20	05:43	02/19/20	11:08	<2.0	µg/L
20-01505	Lead	Hallway DF G13	Drinking Water	2/14/20	05:44	02/20/20	11:26	<2.0	µg/L
20-01506	Lead	Girl's Locker Room - DF	Drinking Water	2/14/20	05:45	02/20/20	11:32	5.14	µg/L
20-01507	Lead	Boy's Locker Room - DF	Drinking Water	2/14/20	05:47	02/20/20	11:43	54.49	µg/L

Approved methods used in analyzing the samples listed above have the following reporting levels:
 SM3113 - Lead, 2.0 µg / L
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Sample Collected by: X Client TCWC
 Sample Temp: 2° C

Notes: DF = drinking fountain, Rm = room

Discussion:

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 Bill Van Arsdale
 Laboratory Manager

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