



MINNEAPOLIS
PUBLIC SCHOOLS

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Environmental Health & Safety

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Jason Karpe
Safety Specialist,
Environmental Health & Safety

MEMORANDUM

To: Afolabi Runsewe, Principal South High School

From: Jason Karpe, Environmental Health & Safety Specialist

Date: May 15, 2023

**RE: South High School
Lead In Water Testing**

Drinking water was tested at South High School on March 17, 2023. 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 at South High School 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 twenty-three (23) drinking sources were tested (see attached lab report). Nineteen (19) samples collected were non-detected for lead in drinking water. Four (4) fixtures showed low levels of lead. These fixtures have been updated with "lead free" components. Follow up testing was performed on these four fixtures on May 5, 2023 and the results were non-detected for lead in drinking water (see attached lab report).

It is good news to receive test results identifying drinking source to be below the 20-ppb standard. However, because not all piping at South High School has been replaced with new piping, potential sources of lead remain; we have determined that the safest course of action is for South High School to continue its participation in the 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 daily. As a safe practice, EH&S recommends that all fountains be run until cool before drinking.

The memorandum and the laboratory analysis reports will be maintained available to the public on the district website. http://facilities.mpls.k12.mn.us/lead_in_water_safety_plan

Please contact me if you have any questions.

Thank you,

CC: Matt Wells, Lee Setter, Shawn Lindell, James Tschida, Joseph Hayes, Anthony Newman, Haydee Segovia-Pope
Attachments: Laboratory analysis reports dated April 10, 2023 & May 8, 2023

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 subcontracted laboratory. [Laboratory name; address; MDH Lab ID#]. The subcontracted laboratory maintains MDH Certification for the field(s) of testing performed.

Client: South High School
 Minneapolis Public Schools
Address: 1225 North 7th Street
 Minneapolis, MN 55411

Report Number: 23-02396
Sample Receipt Date: 3/17/23
Sample Prep. Date: 3/17/23
Sample Prep. Time: 11:02
Report Issue Date: 4/10/23

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

Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
23-02396	Lead	Gym North DF	Drinking Water	3/17/2023	04:15	04/06/23	13:21	<2.0	µg/L
23-02397	Lead	Gym South DF	Drinking Water	3/17/2023	04:25	04/06/23	13:27	<2.0	µg/L
23-02398	Lead	Aux Gym DF	Drinking Water	3/17/2023	04:30	04/06/23	13:45	<2.0	µg/L
23-02399	Lead	Concession Sink	Drinking Water	3/17/2023	04:31	04/06/23	14:03	4.96	µg/L
23-02400	Lead	141 Hall DF	Drinking Water	3/17/2023	04:33	04/06/23	14:12	39.40	µg/L
23-02401	Lead	Custodial Office Sink	Drinking Water	3/17/2023	04:35	04/06/23	14:18	<2.0	µg/L
23-02402	Lead	115 Hall DF	Drinking Water	3/17/2023	04:37	04/06/23	14:24	<2.0	µg/L
23-02403	Lead	253B Hall DF	Drinking Water	3/17/2023	04:40	04/06/23	14:30	<2.0	µg/L
23-02404	Lead	258B Hall DF	Drinking Water	3/17/2023	04:42	04/06/23	14:36	<2.0	µg/L
23-02405	Lead	227A Hall DF	Drinking Water	3/17/2023	04:45	04/06/23	14:42	<2.0	µg/L
23-02406	Lead	219 Hall DF	Drinking Water	3/17/2023	04:47	04/06/23	14:48	<2.0	µg/L
23-02407	Lead	210 Hall DF	Drinking Water	3/17/2023	04:48	04/06/23	14:54	<2.0	µg/L
23-02408	Lead	235 Hall DF	Drinking Water	3/17/2023	04:49	04/06/23	15:12	<2.0	µg/L
23-02409	Lead	201L Hall DF	Drinking Water	3/17/2023	04:51	04/06/23	15:30	<2.0	µg/L
23-02410	Lead	Cafeteria Wash Sink	Drinking Water	3/17/2023	04:51	04/06/23	15:36	<2.0	µg/L
23-02411	Lead	Cafeteria Prep Sink	Drinking Water	3/17/2023	04:53	04/06/23	15:42	<2.0	µg/L
23-02412	Lead	110A Hall DF	Drinking Water	3/17/2023	04:55	04/06/23	15:48	<2.0	µg/L
23-02413	Lead	110C Hall DF	Drinking Water	3/17/2023	04:57	04/06/23	15:54	<2.0	µg/L
23-02414	Lead	107 Hall DF	Drinking Water	3/17/2023	04:58	04/06/23	16:00	<2.0	µg/L
23-02415	Lead	110 Hall DF	Drinking Water	3/17/2023	04:59	04/06/23	16:06	<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.: 13° C

Notes:

Discussion: DF = Drinking Fountain

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

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 subcontracted laboratory. [Laboratory name; address; MDH Lab ID#]. The subcontracted laboratory maintains MDH Certification for the field(s) of testing performed.

Client: South High School
 Minneapolis Public Schools
Address: 1225 North 7th Street
 Minneapolis, MN 55411

Report Number: 23-02416
Sample Receipt Date: 3/17/23
Sample Prep. Date: 3/17/23
Sample Prep. Time: 11:02
Report Issue Date: 4/10/23

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

Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
23-02416	Lead	Staff Break Room Sink	Drinking Water	3/17/2023	05:01	04/06/23	16:12	7.11	µg/L
23-02417	Lead	Staff Break Room DF	Drinking Water	3/17/2023	05:02	04/06/23	16:18	<2.0	µg/L
23-02418	Lead	Health Office Sink	Drinking Water	3/17/2023	05:03	04/10/23	11:47	13.90	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.: 13° C

Notes:


Discussion: DF = Drinking Fountain

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								Minnesota State Laboratory ID# 027-053-119 Wisconsin State Laboratory ID# 105-10117 Wisconsin DNR Lab ID #399073400		
Client: South High School Minneapolis Public Schools Address: 1225 North 7th Street Minneapolis, MN 55411			Report Number: 23-04851 Sample Receipt Date: 5/5/23 Sample Prep. Date: 5/5/23 Sample Prep. Time: 12:55 Report Issue Date: 5/8/23			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	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test		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 ID		Location		Date	Time	Date	Time	Results	Units	
23-04851	Lead	141 Hall DF	Drinking Water	5/5/2023	06:17	05/08/23	10:55	<2.0	µg/L	
23-04852	Lead	Staff Break Room Sink	Drinking Water	5/5/2023	06:25	05/08/23	11:02	<2.0	µg/L	
23-04853	Lead	Health Office - Sink	Drinking Water	5/5/2023	06:30	05/08/23	11:08	<2.0	µg/L	
23-04854	Lead	Concession Sink	Drinking Water	5/5/2023	06:38	05/08/23	11:14	<2.0	µg/L	Sample Collected by: <input checked="" type="checkbox"/> Client <input type="checkbox"/> TCWC Sample Temp.: 18° C Notes: Discussion: DF = Drinking Fountain 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.