



MINNEAPOLIS
PUBLIC SCHOOLS
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Environmental Health & Safety

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Jason Karpe
Safety Specialist,
Environmental Health & Safety

MEMORANDUM

To: Eryn Warne, Principal Edison High School

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

Date: May 3, 2019

RE: **Edison High School**
Lead in Water Testing

Drinking water was tested at Edison High School (Edison) on February 7, 2019 (see attached initial laboratory report). The testing was performed as part of our Lead in Water Safety Program and as required by the Minnesota Department of Health.

All water was collected on a first draw basis with a minimum of eight-hour system stagnation. This method represents the worst case scenario for lead in water concentrations. Thirty-three (33) drinking sources were tested. One location tested above the 20 parts per billion (ppb) Action Level. Environmental Health & Safety (EH&S) worked with the MPS Plumbing department to evaluate all drinking sources with a lead concentration at or above 10 ppb. This included three locations: girls' locker room hall west drinking fountain G149, hallway drinking fountain outside G119 and room 132 sink. Following the plumbing upgrades and system flushing to the drinking sources the locations were re-tested on April 15, 2019. The testing confirmed all locations to be low lead (see attached post laboratory report).

It is very good news to receive test results showing low lead levels. However, because not all piping at Edison has been replaced with new piping and potential sources of lead remain; we have determined the safest course of action is for Edison to continue its participation in the MPS Daily Lead in Water Flushing Protocol in the west gym building. The main building will continue to be waived from the daily flushing protocol. EH&S has communicated the procedures for proper flushing with your Senior Custodian and the importance to perform these procedures on a daily basis. As a good practice, EH&S recommends and encourages that staff and students run drinking sources until cool before drinking.

This memorandum and the laboratory analysis reports will be 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 15, 2019
Post Laboratory Analysis Report dated April 23, 2019

CC: Terrance Noble, Jill Pohilla, Lee Setter, Shawn Lindell, Terry Johnson, James Tschida, Diane Duan

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

Report Number: 19-01694
Sample Receipt Date: 02/07/19
Sample Prep. Date: 02/07/19
Sample Prep. Time: 13:20
Report Issue Date: 02/15/19

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	
Sample ID		Location		Date	Time	Date	Time	Results	Units
19-01694	Lead	Engineers office - sink	Drinking Water	02/07/19	04:24	02/14/19	10:37	<2.0	µg/L
19-01695	Lead	Basement Hall RR nr rm 10 DF	Drinking Water	02/07/19	04:26	02/14/19	10:54	<2.0	µg/L
19-01696	Lead	Weight room Hallway DF	Drinking Water	02/07/19	04:29	02/14/19	11:00	<2.0	µg/L
19-01697	Lead	G149 Hall G Locker rm E DF	Drinking Water	02/07/19	04:32	02/14/19	11:06	6.35	µg/L
19-01698	Lead	Main Gym DF	Drinking Water	02/07/19	04:34	02/14/19	11:12	3.54	µg/L
19-01699	Lead	Boys Locker Rm DF	Drinking Water	02/07/19	04:36	02/14/19	11:17	9.88	µg/L
19-01700	Lead	Phys Ed Office Hall G119 DF	Drinking Water	02/07/19	04:47	02/14/19	11:23	16.71	µg/L
19-01701	Lead	Room 29 - Hallway DF	Drinking Water	02/07/19	04:49	02/14/19	11:29	<2.0	µg/L
19-01702	Lead	Cafeteria E DF	Drinking Water	02/07/19	04:51	02/14/19	11:35	<2.0	µg/L
19-01703	Lead	Cafeteria W DF	Drinking Water	02/07/19	04:54	02/14/19	11:41	<2.0	µg/L
19-01704	Lead	Staff Lounge 15 - sink	Drinking Water	02/07/19	04:55	02/14/19	11:58	<2.0	µg/L
19-01705	Lead	Kitchen Prep - sink	Drinking Water	02/07/19	04:57	02/14/19	12:15	<2.0	µg/L
19-01706	Lead	Kitchen Dish Wash - DF	Drinking Water	02/07/19	04:59	02/14/19	12:21	<2.0	µg/L
19-01707	Lead	Room 109 Hallway - DF	Drinking Water	02/07/19	05:02	02/14/19	12:27	<2.0	µg/L
19-01708	Lead	Room 121 Hallway - DF	Drinking Water	02/07/19	05:03	02/14/19	12:33	<2.0	µg/L
19-01709	Lead	Room 127 Hallway - DF	Drinking Water	02/07/19	05:06	02/14/19	12:38	<2.0	µg/L
19-01710	Lead	Room 132 CE - sink	Drinking Water	02/07/19	05:10	02/14/19	12:50	50.89	µg/L
19-01711	Lead	Room 124 - DF	Drinking Water	02/07/19	05:12	02/14/19	12:56	6.59	µg/L
19-01712	Lead	Room 116 - sink	Drinking Water	02/07/19	05:14	02/14/19	13:01	<2.0	µg/L
19-01713	Lead	Room 100 - Hallway DF	Drinking Water	02/07/19	05:16	02/14/19	13:07	<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.: 17° C

Notes: DF = drinking fountain
 RR = restroom, LR = lunchroom

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

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

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

Report Number: 19-01714
Sample Receipt Date: 02/07/19
Sample Prep. Date: 02/07/19
Sample Prep. Time: 13:20
Report Issue Date: 02/15/19

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

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Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test	
Sample ID		Location		Date	Time	Date	Time	Results	Units
19-01714	Lead	Room 106 Nurse - sink	Drinking Water	02/07/19	05:19	02/14/19	12:47	<2.0	µg/L
19-01715	Lead	Media Center Hallway - DF	Drinking Water	02/07/19	05:21	02/14/19	13:03	<2.0	µg/L
19-01716	Lead	Room 206 Hallway - DF	Drinking Water	02/07/19	05:24	02/14/19	13:07	<2.0	µg/L
19-01717	Lead	Room 233 Hallway - DF	Drinking Water	02/07/19	05:26	02/14/19	13:12	<2.0	µg/L
19-01718	Lead	Room 227 Hallway - DF	Drinking Water	02/07/19	05:27	02/14/19	13:17	<2.0	µg/L
19-01719	Lead	Room 220 Hallway - DF	Drinking Water	02/07/19	05:29	02/14/19	13:22	<2.0	µg/L
19-01720	Lead	Room 317-318 Hallway - DF	Drinking Water	02/07/19	05:31	02/14/19	13:27	<2.0	µg/L
19-01721	Lead	Room 311 Hallway - DF	Drinking Water	02/07/19	05:33	02/14/19	13:32	<2.0	µg/L
19-01722	Lead	Room 305 Hallway - DF	Drinking Water	02/07/19	05:34	02/14/19	13:37	<2.0	µg/L
19-01723	Lead	Room 330 Hallway - DF	Drinking Water	02/07/19	05:36	02/14/19	13:43	<2.0	µg/L
19-01724	Lead	Room 327 Hallway - DF	Drinking Water	02/07/19	05:38	02/15/19	11:54	<2.0	µg/L
19-01725	Lead	G149 Hall G Locker rm W DF	Drinking Water	02/07/19	05:44	02/15/19	12:00	12.95	µg/L
19-01726	Lead	Room 108 Hallway - DF	Drinking Water	02/07/19	05:48	02/15/19	12:05	<2.0	µg/L
									µg/L
									µg/L
									µg/L
									µg/L
									µg/L
									µg/L
									µg/L

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

Sample Collected by: Client TCWC

Sample Temp.: 17° C

Notes: DF = drinking fountain
 RR = restroom, LR = lunchroom

Discussion:

Approved By:



Bill Van Arsdale
 Laboratory Manager

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Twin City Water Clinic Laboratory Test Report

Minnesota State Laboratory ID# 027-053-119
 Wisconsin State Laboratory ID# 105-10117
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Client: Edison
 Minneapolis Public Schools
Address: 1225 North 7th Street
 Minneapolis, MN 55411

Report Number: 19-04011
Sample Receipt Date: 04/15/19
Sample Prep. Date: 04/15/19
Sample Prep. Time: 9:15
Report Issue Date: 04/23/19

Twin City Water Clinic Inc.
617 13th Avenue South
617 13th Avenue South
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
19-04011	Lead	G149 hall girls locker RM DF E	Drinking Water	04/12/19	04:35	04/16/19	11:31	<2.0	µg/L
19-04012	Lead	Main Gym DF	Drinking Water	04/12/19	04:36	04/16/19	11:37	<2.0	µg/L
19-04013	Lead	Boys locker RM DF	Drinking Water	04/12/19	04:36	04/16/19	11:42	<2.0	µg/L
19-04014	Lead	Phys. Ed Office hall G119 DF	Drinking Water	04/12/19	04:41	04/16/19	11:48	<2.0	µg/L
19-04015	Lead	RM 132 CE sink	Drinking Water	04/12/19	04:43	04/16/19	11:54	<2.0	µg/L
19-04016	Lead	RM 124 DF	Drinking Water	04/12/19	04:46	04/17/19	12:48	<2.0	µg/L
19-04017	Lead	G149 hall girls locker RM DF W	Drinking Water	04/12/19	04:48	04/17/19	12:54	<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.: 10° C

Notes: DF = drinking fountain
 RM= room
 Discussion:

Approved By: 
 Bill Van Arsdale
 Laboratory Manager

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