



MINNEAPOLIS
PUBLIC SCHOOLS

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Environmental Health & Safety

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Jason Karpe
Safety Specialist,
Environmental Health & Safety

MEMORANDUM

To: Andrew Uhler, Principal Northrup School

From: Jason Karpe, Environmental Health & Safety Specialist

Date: April 25, 2023

**RE: Northrup Elementary School
Lead In Water Testing**

Drinking water was tested at Northrup School on February 7, 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 Northrup 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 eighteen (18) drinking sources were tested (see attached lab report). Fourteen (14) samples collected were non-detected for lead in drinking water. Drinking faucets in classrooms 111, 112, 115 and the hallway drinking fountain at room 212 were identified with low lead levels well below the 20-ppb standard. As a precaution, these fixtures have been updated with a "lead free" components.

It is good news to receive test results identifying drinking source to be below the 20-ppb standard. However, because not all piping at Northrup School has been replaced with new piping, potential sources of lead remain; we have determined that the safest course of action is for Northrup 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. <https://www.mpschools.org/departments/operations/environmental-health-safety>

Please contact me if you have any questions.

Thank you,

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: Northrup (aka Ericsson) Minneapolis Public Schools			Report Number: 23-00985			Twin City Water Clinic Inc.				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.	
Address: 1225 North 7th Street Minneapolis, MN 55411			Sample Receipt Date: 2/7/23			617 13th Avenue South Hopkins, MN 55343					
			Sample Prep. Date: 2/7/23			Phone: (952)935-3556				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 Prep. Time: 12:00			Fax: (952)935-5077					
			Report Issue Date: 3/8/23								
Laboratory	Analyte	Sample	Parameter	Sample Collection		Sample Analysis		Test			
Sample ID		Location		Date	Time	Date	Time	Results	Units		
23-00985	Lead	Kitchen Prep S	Drinking Water	2/7/2023	04:54	02/09/23	11:10	<2.0	µg/L	Sample Collected by: <input checked="" type="checkbox"/> Client <input type="checkbox"/> TCWC Sample Temp.: 15° C Notes: Discussion: S = Sink, DF = Drinking Fountain	
23-00986	Lead	Kitchen Wash S	Drinking Water	2/7/2023	04:56	02/09/23	11:16	<2.0	µg/L		
23-00987	Lead	Lunch Room - DF	Drinking Water	2/7/2023	04:58	02/09/23	11:22	<2.0	µg/L		
23-00988	Lead	Hallway 018 DF	Drinking Water	2/7/2023	05:00	02/09/23	11:27	<2.0	µg/L		
23-00989	Lead	Nurse 042 S	Drinking Water	2/7/2023	05:02	02/09/23	11:33	<2.0	µg/L		
23-00990	Lead	Room 111-DF	Drinking Water	2/7/2023	05:03	02/09/23	11:38	2.59	µg/L		
23-00991	Lead	Room 110-DF	Drinking Water	2/7/2023	05:05	02/09/23	11:44	<2.0	µg/L		
23-00992	Lead	Room 113-DF	Drinking Water	2/7/2023	05:07	02/09/23	11:50	<2.0	µg/L		
23-00993	Lead	Hallway 113 DF	Drinking Water	2/7/2023	05:08	03/07/23	12:41	<2.0	µg/L		
23-00994	Lead	Room 115 DF small white	Drinking Water	2/7/2023	05:09	03/07/23	12:47	4.49	µg/L		
23-00995	Lead	Room 112 DF small white	Drinking Water	2/7/2023	05:11	03/07/23	12:53	2.66	µg/L		
23-00996	Lead	Hallway 25 DF	Drinking Water	2/7/2023	05:12	03/07/23	12:59	<2.0	µg/L		
23-00997	Lead	Staff-31 S	Drinking Water	2/7/2023	05:14	03/07/23	13:05	<2.0	µg/L		
23-00998	Lead	100D Hallway DF	Drinking Water	2/7/2023	05:15	03/07/23	13:11	<2.0	µg/L		
23-00999	Lead	100K Hallway DF	Drinking Water	2/7/2023	05:17	03/07/23	13:17	<2.0	µg/L		
23-01000	Lead	Room 105-S	Drinking Water	2/7/2023	05:19	03/07/23	13:23	<2.0	µg/L		
23-01001	Lead	Hallway 210 DF	Drinking Water	2/7/2023	05:20	03/07/23	13:29	<2.0	µg/L		
23-01002	Lead	Hallway 212 DF	Drinking Water	2/7/2023	05:21	03/07/23	13:47	7.57	µg/L		



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.