MacNeil
environmental inc

April 14, 2025

Hope Community Academy
720 Payne Avenue
Saint Paul, Minnesota 55130
Attn.: Ms. Barbra Ackerman, Administrative Office Manager

**Re: HOPE COMMUNITY ACADEMY - Lead (Pb) In Water Sampling Results**

Dear Ms. Ackerman:

MacNeil Environmental, Inc. (MEI) has received the laboratory analytical testing results for the water samples collected from faucets and sinks in your school buildings, specifically in the pre-K areas of the school. This Report was authorized by Kou from JB Vang. The enclosed report provides a summary of the sampling results.

The Minnesota Department of Health Guidance Criteria document requires testing of water for lead must every five years in all Minnesota public and charter schools; five-year testing is recommended in schools not receiving tax dollars for school maintenance. This requirement includes all water fixtures used in food preparation or for drinking water purposes, as children under the age of 6-years old and nursing or pregnant women are prone to absorb greater quantities of minerals from water than other persons.

An elevated lead content in water can occur in plumbing systems because municipal water treatment may add chemicals into water. Although those chemicals are beneficial to reducing bacteria and neutralizing other contaminates, those chemicals may also interact with pipes, solder that contains lead and plumbing fixtures, resulting in potentially greater quantities of lead in water.

Read recommendations below from the state of Minnesota Department of Health to learn how to protect yourself from lead in your drinking water.

- **Begin a new process** to let the water run for at least 1 minute before using it for drinking or cooking if the water has not been turned on in over sixteen hours. If you are aware that your building has a lead service line connecting your building to city water, you may need to let the water run for 3 – 5 minutes.
- **Use cold water** for drinking, making food, and making baby formula. Hot water releases more lead from pipes than cold water.

- **Test your water.** In most cases, letting the water run and using cold water for drinking and cooking should keep lead levels low. If you are still concerned about lead, arrange a laboratory to test your tap water. Testing your water is important if young children or pregnant women drink your tap water. All testing should be done through a certified and accredited laboratory.
- **Get the lead out.** Find out if you have a lead service line connecting your building to city water by contacting your system's water utility. If you do have a lead service line, make plans to get it replaced by coordinating with your water utility. If your home has plumbing fixtures made before 1986, you may consider replacing them with newer, lead-free fixtures if testing shows lead is present and is not reduced by letting the water run.
- **Treat your water.** If you cannot find the source of lead and letting the water run does not reduce lead levels, you may need to consider a water treatment option such as a certified filter for lead removal.

## Water Sampling Results

TCWC

617 13th Ave S.,
Hopkins, MN 55343
(952) 935-3556
info@twincitywaterclinic.com

### Drinking Water Laboratory Test Report

**CLIENT INFORMATION**

*REPORT ISSUE DATE:*
4/8/2025
*REPORT #:*
25-03994

*CLIENT/CLIENT ADDRESS*
MacNeil Environmental
202 Birch Lane
Coleraine, MN 55722

*SCHOOL/ADDRESS*
Hope Community Academy

**SAMPLE INFORMATION**

*RECEIPT DATE/TIME:*
3/26/2025 at 14:00

*TEMP OF SAMPLE UPON RECEIPT:*
17 °C

*COLLECTED BY:*
☐ TCWC ☑ CLIENT ☐ Other

| LABORATORY | | SAMPLE COLLECTION | | | SAMPLE ANALYSIS | | | | SAMPLE RESULTS |
|---|---|---|---|---|---|---|---|---|---|
| SAMPLE ID | ANALYTE | LOCATION | DATE | TIME | DATE | TIME | METHOD | ACTION LEVEL* | RESULT |
| 25-03994 | Lead | Food Prep Sink Kitchen | 3/26/2025 | 6:30 | 4/7/2025 | 12:29 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-03995 | Lead | Boy's Bathroom by Cafeteria Fountain | 3/26/2025 | 6:35 | 4/7/2025 | 12:35 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-03996 | Lead | Girl's Bathroom by Cafeteria Fountain | 3/26/2025 | 6:35 | 4/7/2025 | 12:41 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-03997 | Lead | Fountain by Room 170 | 3/26/2025 | 6:40 | 4/7/2025 | 12:59 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-03998 | Lead | Fountain by Room 240 | 3/26/2025 | 6:45 | 4/7/2025 | 13:17 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-03999 | Lead | Fountain by Room 338 | 3/26/2025 | 6:50 | 4/7/2025 | 13:23 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04000 | Lead | Sink in Room 322 | 3/26/2025 | 6:55 | 4/7/2025 | 13:29 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04001 | Lead | Fountain Girl's Room by 232 | 3/26/2025 | 7:00 | 4/7/2025 | 13:35 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04002 | Lead | Fountain Boy's Room by 232 | 3/26/2025 | 7:00 | 4/7/2025 | 13:41 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04003 | Lead | Fountain by Room 220 | 3/26/2025 | 7:05 | 4/7/2025 | 13:47 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04004 | Lead | Fountain by Room 313 | 3/26/2025 | 7:10 | 4/7/2025 | 13:52 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04005 | Lead | Fountain in Cafeteria | 3/26/2025 | 7:15 | 4/7/2025 | 13:58 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04006 | Lead | Sink in Room 134 | 3/26/2025 | 7:20 | 4/7/2025 | 14:04 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |
| 25-04007 | Lead | Fountain in Gym | 3/26/2025 | 7:25 | 4/8/2025 | 11:10 | SM3113B-93 | 5 µg/L | **<2.00 µg/L** |

*The action level is determined by MN Statute 121A.335.

**NOTES**

APPROVED BY:
Frances Turner - Laboratory Director

**Minnesota Laboratory ID # 027-053-119**
The result(s) listed in this report apply only to the above listed samples. All routine quality assurance procedures were followed, unless otherwise noted. The 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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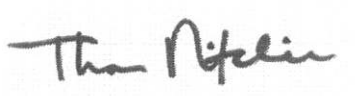
**Recommendations**

No sinks or fountains tested higher than 5 micrograms per liter of water (5 µg/L;) any water reading greater than 5 µg/L should not be used for cooking or drinking. Likewise, neither sinks nor fountains tested between 2 µg/L and 5 µg/L, at which point more sampling would be required to determine proper course of action.

All sinks and fountains tested below 2 micrograms per liter of water. Since all water samples were determined to be below state of Minnesota requirements, the water is safe for consumption.

For recordkeeping purposes, please email me with any questions or concerns.

Sincerely,



Thom Ritchie
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