

1006 – LEAD IN WATER

I. PURPOSE

The purpose of this policy is to implement a lead in water plan. The Zumbro Education District is committed to provide a safe environment for all students and staff.

II. GENERAL STATEMENT OF POLICY

Lead is a toxic material known to be harmful to human health if ingested. Lead in the body can damage brain, kidneys, nervous systems and red blood cells. Children, infants, and pregnant women can be especially vulnerable to lead. Lead has been associated with mental and physical impairment in children.

III. MDH GUIDANCE

In 1989 MDH developed its first guidance document addressing lead in drinking water based on information in the 1988 EPA Lead Contamination Control Act. The latest revision in 2014 was based on new information in the 2014 EPA Reduction of Lead in Drinking Water Act. The 2014 version is superseded by this 2018 guidance.

More information can be found here:

<http://www.health.state.mn.us/divs/eh/water/schools/pbschoolguide.pdf>
<https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=20017JVA.txt>

The Zumbro Education District will test the level of lead in taps in each building once every 5 years and each test will include the following 3 steps:

Step 1 – Sampling Plan

1. Facilities Engineer will inventory all taps used for drinking water or food preparation;
2. Check all drinking fountains to ensure EPA has not identified them as having a lead-lined tank;
3. Determine a schedule for sampling;
4. Determine logistics for sampling;
5. Analyze results by an accredited laboratory.

Step 2 – Conduct First Draw Sampling

1. Facilities Engineer or consultant will take samples as first draw, meaning that the sample is taken prior to water being drawn from the fixture for other uses; fixtures must have been idle for between 8 to 18 hours minimum;
2. Begin sampling at closest tap of water entering the building; and
3. Deliver samples to laboratory for analysis.

Step 3 – Communicate Results

1. The Executive Director will make the results of the testing available to the public for review and will notify parents of the availability of the information.
2. Notify those persons that may be directly affected by use of taps that may have test results that came back containing lead; and
3. Create a plan for retest of taps that may contain lead and share that information along with results.