



Mankato Area Public Schools 2020-2021 Lead In Water Testing Results

On July 7, 2020 water samples from drinking taps were taken at East High School, Eagle Lake Elementary and Kennedy Elementary and analyzed for lead content.

Minnesota Statute 121A.335 requires public school buildings serving pre-kindergarten through grade 12 to test for lead in potable water fixtures every five years. Lead is a metal that usually enters drinking water through the distribution system, including pipes, soldiers, faucets, and valves.

Testing Protocol:

- Sample collection is performed after the fixture has not been used for 18 hours to obtain the worst case sample of the drinking water.
- Water is the first draw of water from the fixture for the day.
- The sample size is 250 ml.
- Samples are sent to a Minnesota Department of Health (MDH) approved lab for analysis.
- Test results above 20 parts per billion (ppb) those fixtures will be taken out of service until lead levels can be reduced.

Drinking Water Sources Include:

- Drinking fountains
- Sinks in classrooms (except in science lab rooms)
- All kitchen area sources
- All nurse/health area sources
- Water dispensers (not bottled)
- Office sinks
- Additional sources may be added if they are identified as sources of consumption.

Test Results:

July 7, 2020			Take Corrective Action	Remove faucet from service
Building Name	Total Samples	PASSING SAMPLES	> 2-20 ppb	>20 ppb
East High School	36	24	8	4
Eagle Lake Elementary	35	28	7	0
Kennedy Elementary	39	12	20	7

High Test Results:

Fixtures testing above 20 ppb shall have a follow-up sample collected after running the water for 15 seconds. If the samples analysis is at or below 20 ppb, the fixture is safe for drinking anytime provided it has been flushed for 15 minutes.

Fixtures failing the flush test shall be either turned off until replaced or labeled as not recommended for consumption.