



## Mankato Area Public Schools 2022-2023 Lead In Water Testing Results

On March 24, 2023 water samples from drinking taps were taken at Dakota Meadows Middle School, Hoover Elementary and Monroe Elementary and analyzed for lead content in the water.

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.
- Fixtures that test results above 20 parts per billion (ppb) 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:

November 12, 2021			Take Corrective Action	Remove faucet from service and retest
Building Name	Total Samples	PASSING SAMPLES	> 2-20 ppb	>20 ppb
Dakota Meadows Middle School	29	29	4	0
Hoover Elementary	40	37	26	3
Monroe Elementary	40	39	23	1

### High Test Results:

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



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