

# CONCORDIA R-2 SCHOOL DISTRICT

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February 13, 2024

Dear Parents, Staff and Community Members,

In compliance with the Missouri law initiated this year, known as the “*Get the Lead Out of School Drinking Water Act*” (RSMo 160.077), Concordia R-2 School District performed test samples on all utilized water sources in our buildings in which come into contact with individuals for drinking, washing, etc. Concordia utilized Eurofins Environment Testing out of South Bend, Indiana to complete the testing this month. Our results are as follows:

## **Lead Testing Results**

On January 29, 2024 we received the results which were prepared on January 19, 2024. In accordance with the statute, these results are being communicated to parents and staff via written notification.

Total test points sampled: 60

Total samples with lead detected: 14 (23%)

Total samples with lead levels above the action level of 5ppb: 14 (2.9%)

*The 5 ppb level now required by the state is below the Environmental Protection Agency’s (EPA’s) recommended action level of 15 ppb.*

All combination drinking water and bottle filler stations tested as no lead was detected

All actionable samples results were from (1) a MS HS science lab sinks, (2) the MS HS gymnasium locker rooms drinking fountains, (3) MS HS kitchen sinks used for dishwashing, and (4) MS HS art room sink. All will have signage placed to indicate it is “non-potable” or “do not use” until remediation and follow up testing is complete.

## **Immediate Actions**

In accordance with guidance from the EPA, the affected faucets or outlets will immediately have signage placed to indicate it is non-potable, not for drinking, or washing dishes. A plan will be developed for remediation of those faucets and fixtures in order to be retested.

## Remedial Actions

The district has taken immediate steps to restrict access to all water sources identified through testing.

- All drinking and cooking sources exceeding action levels will be turned off until they can be successfully remediated.
- Appropriate signage has been placed on non-drinking water sources exceeding action levels until they can be successfully remediated.

We are evaluating each source for the best remediation option, such as removing or replacing equipment or inserting industry-standard filters certified for lead reduction. The district will retest all water sources identified through this process to ensure successful remediation.

Lab reports are available on the school website.

## Testing criteria

Each sample was tested for total lead content which includes dissolved and particulate. The elevated level is defined by the current legislation as the level of lead  $\geq$  5ppb. *The 5 ppb level now required by the state is below the Environmental Protection Agency's (EPA's) recommended action level of 15 ppb.* Sampling was conducted per EPA test guidelines by initial draw after stagnation (periods of non-use that exceed eight hours.) This manner of testing is the first step in localization and is paired with follow up flush testing to further localize the source of any elevated levels.

These are the efforts by Concordia to mitigate and correct the levels of lead to which children and staff are exposed.

Sincerely,  
Theresa Christian, Ed.D.  
Superintendent  
Concordia R-2 School District

Resources available

Regulations

Get the Lead Out of School Drinking Water Act (RSMo160.077)

[Revised Statutes of Missouri, RSMo Section 160.077](#)

FactSheet: Tips for Schools

<https://health.mo.gov/living/environment/lead/pdf/tips-for-schools-fact-sheet.pdf>

Frequently Asked Questions

[RSMo160.077;GettheLeadOutofSchoolDrinkingWaterAct\(2022\)](#)

EPA 3Ts for Reducing Lead in Drinking Water

[3TsforReducingLeadinDrinkingWater|USEPA](#)