



HOME OF THE
WILDCATS

BRUNSWICK R-II SCHOOL DISTRICT

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Brunswick, Missouri 65236-1445

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May 31, 2023

Dear Brunswick R-II Families,

Good news!

All follow-up flush samples tested at less than 5ppb lead content. This indicates that the feeder lines to those faucets are not leaking substantive amounts of lead into the water. While these faucets are not typically used for drinking, the law stipulates that any outlet which is used or may potentially be used must be tested and remediated if necessary.

The most common cause for faucets failing testing is corrosion and/or clogged aerators. A corrosive substance is a function of low pH, low alkalinity, higher temperatures, and high specific conductivity. Additionally, older faucets may have been manufactured before the lead/copper rule as explained in 40 CFR subparts 141.

Recommendations:

- Replace all failed faucets in the science lab.
- While the water main test point is not used for anything other than to provide a representative value for the quality of water entering the building. Follow up flush sampling indicated that the supply lines may be attributing some corrosion. It is recommended that the iron supply lines, and associated valves be inspected and replaced out to the meter with EPA approved piping.
- Temporary signage will be placed in the science lab until remediation is completed. Most if not all the costs associated with testing and remediation may be reimbursed through a grant allocation from DHSS after remediation and retesting are completed.

A comprehensive plan will be posted as a follow-up to this notice once budgetary measures and an appropriate time frame has been established.

If you have any questions, please don't hesitate to let me know!

Sincerely,

A handwritten signature in cursive script that reads "Cara Engelbrecht".

Cara Engelbrecht