



Remediation Plan Recommendations

Test points at or above 5 pbb lead content. Per §160.077, secure water and discontinue use until remediated.

EL101-GYM-RRFG1 tested at 5.03 ppb on the initial sample and no lead was detected on the follow up flush sample.

EL101-ART-HS1 tested at 8.5 ppb on the initial sample and no lead was detected on the follow up flush sample.

An additional sample was collected at the closest point to which water enters the building and was taken as a flush sample for a representative draw of the water quality entering the building. No lead was detected.

The test results indicate that the feeder lines to those faucets are not leaching 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 for drinking, cooking, or washing dishes must be tested and remediated if necessary.

The most common cause for faucets failing testing is corrosion and/or clogged aerators. Corrosivity 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 subpart 141.

Drinking water fountains and bottle fillers:

No issues noted.



Recommendations:

- Since this is a school with mostly younger children, just placing signage at the two affected outlets is not a feasible option.
- I recommend replacement of both failed sink faucets. The first sink in the girls restroom by the gym and the first sink on the left in the art room

Most if not all the costs associated with testing and remediation may be reimbursed through the grant allocation from DHSS after remediation and retesting are completed.

The remediation plan will be made available on the schools website once fiduciary and maintenance concerns are considered.

If you desire further health information, you can contact your county health department:

Cass County Health Office

www.casscounty.com/2158/Health-Department

[300 S Main St, Harrisonville, MO 64701](mailto:bobfranklin@gettheleadoutmo.us)

[\(816\) 380-8425](tel:8163808425)