



# Salem R-80 School District

1409 West Rolla Road, Salem, MO 65560 Phone 573.729.6642  
Superintendent: Dr. Lynne Reed Assistant Superintendent: Dr. Nathan Wills

October 5, 2023

Dear Parents,

On September 29, 2023 we received the results from the first round of lead testing.

- Total test points sampled—150
- Total samples with lead detected— (78.9%)
- Total samples above the action level of 5 parts per billion (ppb)—62 (32.63%)

## **Immediate actions**

In accordance with guidance from the EPA, the affected faucets or outlets will have signage placed to indicate it is non-potable, not for drinking, or washing dishes. This signage can be temporary since testing is still in progress to localize the source of lead contaminants.

Thirteen drinking fountains tested above 5ppb, two in the lower elementary and four in the upper elementary school. The track hydrant that failed may potentially be a source of drinking water. The scullery sprayer in the kitchen of the lower elementary, the food prep sink in the library of the upper elementary, and food prep sink and scullery sprayer in the high school, as well as, the high school food prep sinks in room 126 and the AG shop tested above 5ppb. All other actionable sample results are from hand sinks and showers. All should have signage placed to indicate it is “non potable” or “do not use” until testing and remediation is complete.

## **Next steps**

Follow up flush samples will be collected per EPA and DHSS testing guidelines. Scheduled for Oct, 2023.

## **Health:**

Dent County Health Center

[dentcountyhealthcenter.com](http://dentcountyhealthcenter.com)

1010 E Scenic Rivers Blvd. Salem, MO 65560

(573) 333-7724

Additional information and resources on the health effects of lead contamination are available here:

<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water#health>

The lab report and flush sampling plan 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 as a level of lead  $\geq 5$ 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.

### **Explanation of results**

190 test samples were submitted for testing. 150 were returned with detectable levels.

62 initial draw samples tested  $\geq 5$ ppb total lead. See the follow-up flush plan for required test points.

### **What this means**

-The initial sample test is used to determine if there is an appreciable amount of lead of more than 5ppb present in the outlet being tested.

-The lab report shows that 190 outlets (test point) have lead being leached into the water during the mandatory stagnation period.

-Follow-up flush samples will be conducted to determine the source of the contaminants. The flush test point plan lists the test point and the noun nomenclature for reference.

### **Remediation**

These are efforts to mitigate and correct the levels of lead to which children and staff are exposed: The remediation plan will be posted when follow-up flush testing results are received and fiduciary constraints as well as maintenance availability have been considered.

Please see our website [www.salemr80.org](http://www.salemr80.org) for the full lab testing report.

### **Follow-up Flush Plan for Salem R-80**

#### **HIGH SCHOOL**

HAND SINK IN KITCHEN  
DISH SINK ON RIGHT IN KITCHEN  
SCULLERY SPRAYER IN KITCHEN  
DRINK WATER IN CAFE  
DRINK FOUNT ON LEFT IN CAFE  
DRINK FOUNT ON RIGHT IN CAFE  
1ST SHOWER ON LEFT BASKETBALL LOCKER  
2ND SHOWER ON LEFT BASKETBALL LOCKER  
3RD SHOWER ON LEFT BASKETBALL LOCKER  
1ST SHOWER ON RIGHT BASKETBALL LOCKER  
2ND SHOWER ON RIGHT BASKETBALL LOCKER  
SHOWER 3 ON RIGHT IN BASKETBALL  
SHOWER IN BOYS LOCKER ROOM  
DRINK FOUNT BY ROOM 121  
DRINK FOUNT BY ROOM 124  
FOOD PREP 1 IN ROOM 126  
SCULLERY SPRAYER 1 IN ROOM 126  
FOOD PREP 2 IN ROOM 126  
FOOD PREP 3 IN ROOM 126  
FOOD PREP 4 IN ROOM 126  
FOOD PREP 5 IN ROOM 126  
SCULLERY SPRAYER 5 IN ROOM 126  
FOOD PREP IN AG ROOM 142  
SPRAYER IN AG ROOM 142  
HYDRANT ON TRACK  
DRINKING FOUNTAIN ON BASEBALL FIELD

#### **MIDDLE SCHOOL**

HAND SINK IN ROOM 102

UPPER ELEMENTARY

SHOWER #1 IN GIRLS LOCKER ROOM  
SHOWER #2 IN GIRLS LOCKER ROOM  
SHOWER #1 IN BOYS LOCKER ROOM  
SHOWER #2 IN BOYS LOCKER ROOM  
HAND SINK IN ROOM 132  
DRINKING FOUNTAIN IN ROOM 132  
HAND SINK IN ROOM 134  
DRINKING FOUNTAIN IN ROOM 134  
HAND SINK IN ROOM 133  
HAND SINK IN ROOM 135  
HAND SINK IN ROOM 136  
HAND SINK IN ROOM 140  
DRINKING FOUNTAIN IN ROOM 140  
HAND SINK IN ROOM 139  
HAND SINK IN ROOM 141  
HAND SINK IN ROOM 142  
FOOD PREP IN LIBRARY  
SCULLERY SPRAYER IN KITCHEN  
DISH SINK #1 IN KITCHEN  
DISH SINK #2 IN KITCHEN  
HAND SINK IN NURSES OFFICE  
HAND SINK IN ROOM 108  
DRINKING FOUNTAIN IN ROOM 108  
HAND SINK IN ROOM 111

LOWER ELEMENTARY

1ST GIRLS FAUCET BY 116 IN LWR ELEM  
HAND SINK IN KITCHEN  
SCULLERY SPRAYER IN KITCHEN  
SHOWER IN CAFE  
GIRLS REST ROOM FAUCET 2 BY RM 116  
HAND SINK IN NURSE OFFICE  
BOTTLE FILLER BY NURSE OFFICE  
BOYS RESTROOM FAUCET 2 BY ROOM 113  
BOTTLE FILLER BY ROOM 125  
BOYS RESTROOM FAUCET 1 BY Rm 118