

NOTIFICATION: Individual Lead Water Sample Results

AOS 77 ALEXANDER ELEMENTARY SCHOOL ME0193835

The Safe Drinking Water Act requires us to provide notification on individual lead results from lead samples we collected. The table below provides that information.

SAMPLE RESULTS

SAMPLE LOCATION	DATE SAMPLED	LEAD RESULT	LIST UNITS (ppm or ppb)
Drinking Fountain	10/3/23	<0.001	ppm
Old Teachers Room	10/3/23	0.0031	ppm
Kitchen	10/3/23	<0.001	ppm
Girls Bathroom Sink	10/3/23	<0.001	ppm
Boys Bathroom Sink	10/5/23	<0.001	ppm

*Water System- If sample results on lab report are reported in mg/L, fill in ppm (parts per million) for Units in the table above and if results are reported in ug/L, fill in ppb (parts per billion) for Units. Include the < symbol with the result if that is how it is reported by the lab.

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG) & ACTION LEVEL

The MCLG for lead is zero and the action level is 15 parts per billion (ppb) or 0.015 parts per million (ppm). The MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety. The action level is the concentration of a contaminant which, if exceeded, triggers treatment of other requirements which a water system must follow.

NOTE: Parts per billion (ppb) is the same as $\mu\text{g/L}$ and parts per million (ppm) is the same as mg/L .

HEALTH EFFECTS OF LEAD

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys. It can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Lead is stored in the bones and can be released later in life. During pregnancy, the child can receive lead from the mother's bones, which may affect brain development. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

STEPS YOU CAN TAKE TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER

Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.

Use cold water for cooking and preparing baby formula: Lead dissolves more easily into hot water.

Do not boil water to remove lead: Boiling water will not reduce lead.

Remove loose solder and debris from plumbing materials: Routinely remove the faucet strainers from all taps and run the water from 3 to 5 minutes and flush out any debris that has accumulated over time.

Identify and replace lead solder: Lead solder appears dull gray, and when scratched with a key becomes shiny. A licensed plumber should be able to help with lead solder identification and replacement (if applicable).

Have an electrician check your grounding: Check with a licensed electrician to see if current grounding of wires from the electrical system can be done differently (if applicable).

Look for alternative sources or treatment of water: You may want to consider purchasing bottled water or a water filter.

ADDITIONAL INFORMATION

For additional information, please contact AOS 77 ALEXANDER ELEMENTARY SCHOOL at 207-454-2623 (phone). For additional information on reducing lead exposure around your home/building, and the health effects of lead, visit EPA's website at <http://www.epa.gov/lead> or contact your health care provider.

**CERTIFICATION OF
CUSTOMER NOTIFICATION
OF INDIVIDUAL LEAD RESULTS**

(Complete this certification form and return a copy with a completed notice to the Maine Drinking Water Program.)

Public Water System Name: AOS 77 ALEXANDER ELEMENTARY SCHOOL
PWSID Number: ME0193835

Monitoring Period: 6/1/2023-9/30/2023

I, Brenda McDonough (print name- should be owner or operator for system), hereby certify and attest that I have notified consumers about their individual lead water sample results in accordance with the delivery, content, format requirements, and deadlines as specified in 40 CFR §141.85(d).

Distribution Methods:

Notices were distributed to consumers by Brenda McDonough on 10/18/2023 using the following methods (check all that were used):
(name of person doing distribution)
(date[s])

Direct Delivery (community systems must use at least one direct method and non-community systems must use a direct delivery if their other method doesn't reach all required consumers):

- Mail
- Hand delivery
- Email (if it reaches all consumers)
- Other direct method approved by the Drinking Water Program

Other Method of Delivery:

- Posting notice in conspicuous locations
- Website
- Other (provide details i.e newsletter, etc.): _____

Lead results were received from A&L Laboratory on 10/00/23
(insert name of laboratory) (date[s])

****Operators:** If you supplied this notice to a water system you operate (for them to distribute), please provide the date and person to whom you gave the information, but ensure that the system completes the distribution correctly and the rest of the form is filled out to reflect that (not reflect the date you sent the notification to the system for distribution).

Date operator sent notice to system contact for them to distribute: _____ (date)
System contact the notice was sent to for distribution: _____ (name)

Signature of Owner or Operator: Brenda McDonough Date Signed: 10/18/23

Signature of Owner's Representative: _____ Date Signed: _____

****NOTE:** Dates on signatures must be on or after the date the data results were distributed to the consumers.