

A NOTICE TO PARENTS, GUARDIANS, and STAFF

Willow Avenue Elementary School

Lead Testing of School Drinking Water

November 4, 2021(Updated 4/13/2023)

Safe and healthy school environments can foster healthy and successful children. To protect public health, the Public Health Law and New York State Health Department (NYSDOH) regulations require that all public schools and boards of cooperative educational services (BOCES) test lead levels in water from every outlet that is being used, or could potentially be used, for drinking or cooking. If lead is found at any water outlet at levels above 15 parts per billion (ppb), which is equal to 15 micrograms per liter ($\mu\text{g/L}$), the NYSDOH requires that the school take action to reduce the exposure to lead.

What is first draw testing of school drinking water for lead?

The “on-again, off-again” nature of water use at most schools can raise lead levels in school drinking water. Water that remains in pipes overnight, over a weekend, or over vacation periods stays in contact with lead pipes or lead solder and, as a result, could contain higher levels of lead. This is why schools are required to collect a sample after the water has been sitting in the plumbing system for a certain period of time. This “first draw” sample is likely to show higher levels of lead for that outlet than what you would see if you sampled after using the water continuously. However, even if the first draw sample does not reflect what you would see with continuous usage, it is still important because it can identify outlets that have elevated lead levels.

What are the results of the first draw testing?

<i>Location</i>	<i>Sampling Dates</i>	<i>Results PPB</i>	<i>Summary of Results</i>
<i>Kitchen Sink</i>	<i>1/22/2021</i>	<i>5.21</i>	
<i>Kitchen Sprayer</i>	<i>1/22/2021</i>	<i>7.20</i>	
<i>Cafeteria Sink</i>	<i>1/22/2021</i>	<i>9.11</i>	
<i>Cafeteria Bottle Filler</i>	<i>10/22/2021</i>	<i>1.00</i>	
<i>Cafeteria Bubbler</i>	<i>10/22/2021</i>	<i>1.00</i>	
<i>Faculty Room Sink</i>	<i>1/22/2021</i>	<i>255.00</i>	<i>Results fails NYS standards</i>
<i>Art Room Prep Room Sink (Ground Floor)</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>Art Room Sink</i>	<i>1/22/2021</i>	<i>4.20</i>	
<i>Bottle Filler: 1930: 1st Floor Gym Door</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain: 1930: 1st Floor Gym Door</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Book Room Bathroom Sink</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>P.E. Office Sink</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>Bottle Filler: 1930: 2nd Floor Security Office</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain: 1930: 2nd Floor Security</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Boys' Gang Bathroom Sink #1 1973 Wing</i>	<i>1/22/2021</i>	<i>2.24</i>	
<i>Boys' Gang Bathroom Sink #2 1973 Wing</i>	<i>1/22/2021</i>	<i>1.85</i>	
<i>Accessibility Bathroom Sink O/S Room 9</i>	<i>1/22/2021</i>	<i>15.7</i>	<i>Results fails NYS standards</i>
<i>Girls' Gang Bathroom Sink #1: 1st (1930)</i>	<i>1/22/2021</i>	<i>4.52</i>	
<i>Girls' Gang Bathroom Sink #2 1st (1930)</i>	<i>1/22/2021</i>	<i>3.29</i>	
<i>Room 1: Nurse's Office Bubbler</i>	<i>1/22/2021</i>	<i>3.60</i>	
<i>Room 1: Nurse's Office Sink</i>	<i>Tempered Outlets</i>	<i>Touch Free</i>	<i>Posted: Do Not Drink</i>
<i>Room 1: Nurse's Office Bathroom Sink</i>	<i>Tempered Outlets</i>	<i>Touch Free</i>	<i>Posted: Do Not Drink</i>
<i>Room 2 Classroom Sink</i>	<i>1/22/2021</i>	<i>2.19</i>	
<i>Room 2 Bubbler</i>	<i>1/22/2021</i>	<i>1.00</i>	
<i>Room 3 Classroom Sink</i>	<i>1/22/2021</i>	<i>32.80</i>	<i>Results fails NYS standards</i>
<i>Room 3 Bubbler</i>	<i>1/22/2021</i>	<i>1.00</i>	
<i>Hallway Sink Outside Room 9</i>	<i>1/22/2021</i>	<i>8.58</i>	
<i>Hallway Sink Outside Room 12</i>	<i>1/22/2021</i>	<i>17.70</i>	<i>Results fails NYS standards</i>
<i>Bottle Filler: 1973: 2nd Floor Area 10</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain: 1973: 2nd Area 10</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Faculty Bathroom Sink: 1st 1930 #1</i>	<i>1/22/2021</i>	<i>4.66</i>	
<i>Faculty Bathroom Sink: 1st 1930 #2 (Window)</i>	<i>1/22/2021</i>	<i>10.30</i>	

Security Office Sink	1/22/2021	4.60	
Security Office Bathroom Sink	1/22/2021	11.80	
Room 116 Sink	TBA		Out of Service
Library Bathroom Sink (Unisex) 2 nd 1930	1/22/2021	9.84	
Library Office Bathroom Sink	1/22/2021	17.9	Results fails NYS standards
Library Bottle Filler	1/22/2021	1.00	
Library Bubbler	10/22/2021	1.00	

What is being done in response to the results?

Outlets that tested with lead levels above the action level (15 ppb) were removed from service, unless an outlet is a sink faucet needed for handwashing. In that case, a sign was posted at the outlet indicating that the sink is not to be used for drinking. Outlets that tested below the action level remain in service with no restrictions.

Location	Immediate Action	Remediation
Faculty Room Sink	Classroom Teacher Updated	Sink faucets will be replaced;
Accessibility Bathroom Sink O/S Room 9		
Room 3 Classroom Sink	Sink Posted for Handwashing Only	expected completion TBA
Hallway Sink Outside Room 12		
Library Office Bathroom Sink		

Water Fountain and sink faucets requiring replacement, as part of the remediation plan will be retested after installation; all other locations will follow the Department of Health guidelines and are scheduled for retesting in the year 2025.



What are the health effects of lead?

Lead is a metal that can harm children and adults when it gets into their bodies. Lead is a known neurotoxin, particularly harmful to the developing brain and nervous system of children under 6 years old. Lead can harm a young child's growth, behavior, and ability to learn. Lead exposure during pregnancy may contribute to low birth weight and developmental delays in infants. There are many sources of lead exposure in the environment, and it is important to reduce all lead exposures as much as possible. Water testing helps identify and correct possible sources of lead that contribute to exposure from drinking water.

What are the other sources of lead exposure?

Lead is a metal that has been used for centuries for many purposes, resulting in widespread distribution in the environment. Major sources of lead exposure include lead-based paint in older housing, and lead that built up over decades in soil and dust due to historical use of lead in gasoline, paint, and manufacturing. Lead can also be found in a number of consumer products, including certain types of pottery, pewter, brass fixtures, foods, plumbing materials, and cosmetics. Lead seldom occurs naturally in water supplies but drinking water could become a possible source of lead exposure if the building's plumbing contains lead. The primary source of lead exposure for most children with elevated blood-lead levels is lead-based paint.

Should your child be tested for lead?

The risk to an individual child from past exposure to elevated lead in drinking water depends on many factors; for example, a child's age, weight, amount of water consumed, and the amount of lead in the water. Children may also be exposed to other significant sources of lead including paint, soil and dust. Since blood lead testing is the only way to determine a child's blood lead level, parents should discuss their child's health history with their child's physician to determine if blood lead testing is appropriate. Pregnant women or women of childbearing age should also consider discussing this matter with their physician.

Additional Resources

For more information regarding the testing program or sampling results, contact John Pinckney at (845)534-8009, ext. 5228, or go to our school website: www.cornwallschools.com

For information about lead in school drinking water, go to:

http://www.health.ny.gov/environmental/water/drinking/lead/lead_testing_of_school_drinking_water.htm

<http://www.p12.nysed.gov/facplan/LeadTestinginSchoolDrinkingWater.html>

For information about NYS Department of Health Lead Poisoning Prevention, go to:

<http://www.health.ny.gov/environmental/lead/>

For more information on blood lead testing and ways to reduce your child's risk of exposure to lead, see "What Your Child's Blood Lead Test Means":

<http://www.health.ny.gov/publications/2526/> (available in ten languages).