

A NOTICE TO PARENTS, GUARDIANS, and STAFF
Cornwall Elementary School at Lee Road
Lead Testing of School Drinking Water
January 21, 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 #1 Island Prep Sink</i>	<i>1/21/2021</i>	<i>4.50</i>	
<i>Kitchen Sink #2 (Dishwashing Sink #1)</i>	<i>1/21/2021</i>	<i>3.80</i>	
<i>Kitchen Sink #3 (Dishwashing Sink #2)</i>	<i>1/21/2021</i>	<i>3.31</i>	
<i>Kitchen Sprayer</i>	<i>1/21/2021</i>	<i>1.00</i>	
<i>Kitchen Pot Filler</i>	<i>1/21/2021</i>	<i>6.47</i>	
<i>Kitchen Handwashing Sink</i>	<i>1/21/2021</i>	<i>8.76</i>	
<i>Bottle Filler: Cafeteria</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain: Cafeteria</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Nurse's Office Sink</i>	<i>1/21/2021</i>	<i>6.44</i>	
<i>Nurse's Office Bathroom Sink</i>	<i>1/21/2021</i>	<i>2.92</i>	
<i>Bottle Filler: M18/Gym</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain: M18/Gym</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Bottle Filler by Room 208 #1 - Left</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain by Room 208 #1 - Left</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Bottle Filler Room 208 #2 - Center</i>	<i>1/21/2021</i>	<i>1.00</i>	
<i>Fountain by Room 208 #2- Center</i>	<i>1/21/2021</i>	<i>1.00</i>	
<i>Bottle Filler by Room 208 #3- Right</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain by Room 208 #3- Right</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Bottle Filler by Room 108 #1 - Left</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain by Room 108 #1 - Left</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Bottle Filler Room 108 #2 - Center</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Fountain by Room 108 #2- Center</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Bottle Filler by Room 108 #3- Right</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Drinking Fountain by Room 108 #3- Right</i>	<i>4/13/2023</i>	<i>1.00</i>	<i>Filter: None Detected</i>
<i>Room K1 Classroom Sink</i>	<i>1/21/2021</i>	<i>1.41</i>	
<i>Room K1 Bubbler</i>	<i>TBA</i>		<i>Out of Service: 10/22/2021</i>
<i>Room K1 Bathroom Sink</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>Room K2 Classroom Sink</i>	<i>1/21/2021</i>	<i>1.59</i>	
<i>Room K2 Bubbler</i>	<i>TBA</i>		<i>Out of Service: 10/22/2021</i>
<i>Room K2 Bathroom Sink</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>Room K3 Classroom Sink</i>	<i>1/21/2021</i>	<i>4.09</i>	
<i>Room K3 Bubbler</i>	<i>TBA</i>		<i>Out of Service: 10/22/2021</i>
<i>Room K3 Bathroom Sink</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>Faculty Bathroom outside K3</i>	<i>Hand Washing Only</i>	<i>Posted</i>	
<i>Room 101 Classroom Sink</i>	<i>1/21/2021</i>	<i>6.75</i>	

Room 102 Classroom Sink	1/21/2021	TBA	Water Sampled dropped, need retesting
Room 103 Classroom Sink	1/21/2021	8.09	
Room 105 Classroom Sink	1/21/2021	6.43	
Room 106 Classroom Sink	1/21/2021	51.70	Results fails NYS standards
Room 108 Classroom Sink	1/21/2021	30.60	Results fails NYS standards
Room 109 Classroom Sink	1/21/2021	6.91	
Room 110 Classroom Sink	1/21/2021	7.83	
Room 111 Classroom Sink	1/21/2021	3.92	
Room 113 Classroom Sink	1/21/2021	4.72	
Room 114 Classroom Sink	1/21/2021	3.94	
Room 115 Classroom Sink	1/21/2021	4.31	
Room 116 Classroom Sink	1/21/2021	5.87	
Girls 1st Floor(100's) Gang Bathroom Sink #1	Tempered Outlets	Touch Free	Posted: Do Not Drink
Girls First Floor Gang Bathroom Sink #2	Tempered Outlets	Touch Free	Posted: Do Not Drink
Girls First Floor Gang Bathroom Sink #3	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys First Floor Gang Bathroom Sink #1	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys First Floor Gang Bathroom Sink #2	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys First Floor Gang Bathroom Sink #3	Tempered Outlets	Touch Free	Posted: Do Not Drink
Room 201 Right Side Classroom Sink	1/21/2021	4.76	
	Hand Washing Only	Posted	Art/Technology Room
Room 201 Left Front Sink #1	1/21/2021	34.30	Results fails NYS standards
Room 201 Left Front Sink #2	1/21/2021	9.91	
Room 201 Left Front Sink #3	1/21/2021	18.70	Results fails NYS standards
Room 201 Left Back Sink #1	1/21/2021	148.00	Results fails NYS standards
Room 201 Left Back Sink #2	1/21/2021	5.00	
Room 201 Left Back Sink #3	1/21/2021	5.36	
Room 202 Classroom Sink	1/21/2021	4.55	
Room 203 Classroom Sink	1/21/2021	5.34	
Room 204 Classroom Sink	1/21/2021	13.40	
Room 205 Classroom Sink	1/21/2021	1.90	
Room 206 Classroom Sink	1/21/2021	8.47	
Room 208 Classroom Sink	1/21/2021	3.96	
Room 209 Classroom Sink	1/21/2021	4.70	
Room 210 Classroom Sink	1/21/2021	3.74	
Room 211 Classroom Sink	1/21/2021	4.85	
Room 213 Classroom Sink	1/21/2021	3.32	
Room 214 Classroom Sink	1/21/2021	8.30	
Room 215 Classroom Sink	1/21/2021	22.0	Results fails NYS standards
Room 216 Classroom Sink	1/21/2021	10.2	
Girls 2nd Floor (200's) Gang Bathroom Sink #1	Tempered Outlets	Touch Free	Posted: Do Not Drink
Girls Second Floor Gang Bathroom Sink #2	Tempered Outlets	Touch Free	Posted: Do Not Drink
Girls Second Floor Gang Bathroom Sink #3	Tempered Outlets	Touch Free	Posted: Do Not Drink
Girls Second Floor Gang Bathroom Sink #4	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys Second Floor Gang Bathroom Sink #1	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys Second Floor Gang Bathroom Sink #2	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys Second Floor Gang Bathroom Sink #3	Tempered Outlets	Touch Free	Posted: Do Not Drink
Boys Second Floor Gang Bathroom Sink #4	Tempered Outlets	Touch Free	Posted: Do Not Drink
Bottle Filler by Room M10/Cae-#1 Left	1/21/2021	1.00	
Fountain by Room M10/Cafe - #1 Left	1/21/2021	1.00	
Bottle Filler by Room M10/Cafel#2 Right	4/13/2023	1.00	Filter: None Detected
Drinking Fountain: by Room M10/Cafe-#2 Right	4/13/2023	1.00	Filter: None Detected
Room M-15 Classroom Sink	1/21/2021	35.60	Results fails NYS standards
Room M-22 Storage Bath Sink	Hand Washing Only	Posted	
Accessibility Bathroom Sink (outside M16)	1/21/2021	5.59	
Woman Faculty Bathroom Sink (outside M18)	1/21/2021	3.56	
Library Office Sink	1/21/2021	6.80	
Room M20: PE Coach Office Bathroom Sink	1/21/2021	16.80	Results fails NYS standards
Room M19 Bathroom Sink (gymnasium)	Hand Washing Only	Posted	
Girls' Bathroom Sink Caf�/kitchen entrance	1/21/2021	4.77	
Boys' Bathroom Sink Caf�/kitchen entrance	1/21/2021	3.08	
Custodial Office Bathroom Sink	1/21/2021	1.91	
Custodial Women Bathroom Sink	1/21/2021	3.13	
Women's Faculty Bath Sink Outside Main Office	1/21/2021	1.68	

Men's Faculty Bath Sink Outside Main Office	1/21/2021	6.54	
Main Office Bottle Filler	1/21/2021	1.00	
Main Office Fountain	1/21/2021	6.54	

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
Room 108 Classroom Sink		Sink faucets
Room 108 Classroom Sink	Classroom Teacher Updated	will be replaced;
Room 201 Left Front Sink #1	Sink Posted for	expected
Room 201 Left Front Sink #3	Handwashing Only	completion
Room 201 Left Back Sink #1		TBA
Room 215 Classroom Sink		
Room M-15 Classroom Sink		
Room M20: PE Coach 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).