

A NOTICE TO PARENTS, GUARDIANS, and STAFF

Cornwall Central Middle School

Lead Testing of School Drinking Water

October 22, 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? (108 Samples)

<i>Location</i>	<i>Sampling Dates</i>	<i>Results PPB</i>	<i>Summary of Results</i>
Kitchen Sink (Island by Refrigerator)	2/5/2021	66.2	Results fails NYS standards
Kitchen Sink (Stand Alone Prep Sink)	2/5/2021	1.14	
Kitchen Wall Sink by Office	2/5/2021	8.99	
Kitchen Coffee Pot	Tempered Outlets	n/a	
Kitchen Prep Sink by Kettle	2/5/2021	1.99	
Kitchen Pot Filler	2/5/2021	1.00	
Kitchen Sprayer	2/5/2021	2.78	
Kitchen Sprayer (Dish Wash Station)	2/5/2021	146	Results fails NYS standards
Kitchen Bathroom Sink	2/5/2021	12.1	
Kitchen Dish wash Station Sink #1	2/5/2021	3.82	
Kitchen Dish wash Station Sink #2	2/5/2021	5.71	
Bottle Filler: Cafeteria A	4/13/2023	1.00	Filter: None Detected
Drinking Fountain: Cafeteria A	4/13/2023	1.00	Filter: None Detected
Bottle Filler: Outside Cafeteria B - #1	2/5/2021	1.00	
Bubbler: Outside Cafeteria B - #1	10/22/2021	1.00	
Fountain: Outside Cafeteria B - #2	10/22/2021	2.99	
Main Office Kitchen Sink	2/5/2021	5.84	
Nurse's Office Sink	2/5/2021	6.43	
Nurse's Bathroom Sink	2/5/2021	1.45	
Faculty Bath Sink outside nurse's office	2/5/2021	15.6	Results fails NYS standards
Faculty Room Kitchen Sink	2/5/2021	2.52	
Bottle Filler: B9	4/13/2023	1.00	Filter: None Detected
Drinking Fountain: B9	4/13/2023	1.00	Filter: None Detected
Bottle Filler: B-17 - #1	2/5/2021	1.00	
Bubbler: B-17 - #1	10/22/2021	1.00	
Girls Locker Room Sink	2/5/2021	12.4	
Girls PE Office Bathroom Sink	2/5/2021	6.78	
Room B1 Sink	2/5/2021	7.33	
Classroom Sink Room B-2 #1	2/5/2021	6.20	
Classroom Sink Room B-2 #2	2/5/2021	64.7	Results fails NYS standards

Room B4 Teacher's Desk Sink Class Side	Hand Washing Only	Posted	
Room B4 Teacher's Desk Sink Wall Side	Hand Washing Only	Posted	
Room B5 Slop Sink	2/5/2021	11.5	
Room B8 Classroom Sink #1	2/5/2021	53.1	Results fails NYS standards
Room B8 Classroom Sink #3	2/5/2021	9.64	
Room B8 Classroom Sink #4	2/5/2021	14.6	
Room B8 Teaching Station Sink	2/5/2021	1010	Results fails NYS standards
Room B9 Sink 1 Wall Side	Hand Washing Only	Posted	
Room B9 Sink 1 Aisle Side	Hand Washing Only	Posted	
Room B9 Sink 2 Wall Side	Hand Washing Only	Posted	
Room B9 Sink 2 Aisle Side	Hand Washing Only	Posted	
Room B9 Sink 3 Wall Side	Hand Washing Only	Posted	
Room B9 Sink 3 Aisle Side	Hand Washing Only	Posted	
Room B9 Sink 4 Wall Side	Hand Washing Only	Posted	
Room B9 Sink 4 Aisle Side	Hand Washing Only	Posted	
Room B9 Sink 5 Wall Side	Hand Washing Only	Posted	
Room B9 Sink 5 Aisle Side	Hand Washing Only	Posted	
Room B9 Sink 6 Wall Side	Hand Washing Only	Posted	
Room B9 Sink 6 Aisle Side	Hand Washing Only	Posted	
Room B9 Teacher's Desk Sink Wall Side	Hand Washing Only	Posted	
Room B9 Teacher's Desk Sink Class Side	Hand Washing Only	Posted	
Science Office Sink 1 (B7)	2/5/2021	14.2	
Science Office Sink 2 (B7)	Hand Washing Only	Posted	
Room B16 Sink	2/5/2021	1.85	
Room B16 Storage Closet Sink	2/5/2021	5.68	
B-Wing Women's Faculty Bathroom Sink	2/5/2021	2.88	
B-Wing Men's Faculty Bathroom Sink	2/5/2021	5.92	
Bottle Filler: C15 (Across from Library)	4/13/2023	1.00	Filter: None Detected
Drinking Fountain: C15 (Across Library)	4/13/2023	1.00	Filter: None Detected
Room C4 Classroom Sink	2/5/2021	26.4	Results fails NYS standards
Room C9 Classroom Sink	Hand Washing Only	Posted	
Room C10 Classroom Sink	Hand Washing Only	Posted	
Room C11 Classroom Sink	2/5/2021	81.9	Results fails NYS standards
C-Wing Girls Bathroom Sink #1	2/5/2021	6.68	
C-Wing Girls Bathroom Sink #2	2/5/2021	1.19	
C-Wing Girls Bathroom Sink #3	2/5/2021	8.47	
C-Wing Girls Bathroom Sink #4	2/5/2021	5.76	
C-Wing Girls Bathroom Sink #5	2/5/2021	5.45	
C-Wing Girls Bathroom Sink #6	2/5/2021	34.8	Results fails NYS standards
C-Wing Boys Bathroom Sink #1	2/5/2021	6.76	
C-Wing Boys Bathroom Sink #2	2/5/2021	7.64	
C-Wing Boys Bathroom Sink #3	2/5/2021	19.4	Results fails NYS standards
C-Wing Boys Bathroom Sink #4	Out of Service		
C-Wing Boys Bathroom Sink #5	2/5/2021	8.12	
C-Wing Boys Bathroom Sink #6	2/5/2021	17.4	Results fails NYS standards
Fountain: D-Wing #1 – Outside D11	TBA		Out of Service: 10/22/2021
Bottle Filler: D-Wing #2 – Outside D11	4/13/2023	1.00	Filter: None Detected
Drinking Fountain: D-Wing #2 – D11)	4/13/2023	1.00	Filter: None Detected
Accessibility Bathroom Sink outside D15	2/5/2021	1.98	
D-Wing Women's Faculty Bathroom Sink	2/5/2021	6.49	
D-Wing Men's Faculty Bathroom Sink	2/5/2021	1.83	
D-Wing Girls Bathroom Sink #1	2/5/2021	7.43	
D-Wing Girls Bathroom Sink #2	2/5/2021	2.94	
D-Wing Girls Bathroom Sink #3	2/5/2021	2.91	

D-Wing Boys Bathroom Sink #1	2/5/2021	5.00	
D-Wing Boys Bathroom Sink #2	2/5/2021	7.02	
D-Wing Boys Bathroom Sink #3	2/5/2021	5.29	
Room D3 Classroom Sink	2/5/2021	3.05	
Room D4 Classroom Sink #1	2/5/2021	2.24	
Room D4 Classroom Sink #2	2/5/2021	6.30	
Room D4 Classroom Sink #3	2/5/2021	4.62	
Room D5 Classroom Sink #1	2/5/2021	5.84	
Room D5 Classroom Sink #2	Out of Service		
Room D5 Classroom Sink #3	2/5/2021	3.47	
Room D6 Classroom Sink	Hand Washing Only	Posted	
Fountain: E-Wing #1	10/22/2021	1.00	
Bottle Filler: E-Wing #2	2/5/2021	1.00	
Bubbler: E-Wing #2	10/22/2021	1.00	
E-Wing Girls Bathroom Sink #1	2/5/2021	7.90	
E-Wing Girls Bathroom Sink #2	2/5/2021	4.54	
E-Wing Girls Bathroom Sink #3	2/5/2021	1.82	
E-Wing Boys Bathroom Sink #1	2/5/2021	7.64	
E-Wing Boys Bathroom Sink #2	2/5/2021	3.21	
E-Wing Boys Bathroom Sink# 3	2/5/2021	2.42	
Technology C-Lab Sink 1	Hand Washing Only	Posted	
Technology C-Lab Sink 2	Hand Washing Only	Posted	
Art Studio Sink 1	Hand Washing Only	Posted	
Art Studio Sink 2	Hand Washing Only	Posted	
Art Studio Sink 3	Hand Washing Only	Posted	
Art Studio Back Hand wash Sink	2/5/2021	19.1	Results fails NYS standards
Production Lab Classroom Sink (Wood Shop)	2/5/2021	6.62	
Faculty Men's Bath Sink (Outside Technology)	2/5/2021	7.16	
Boys Locker Room Sink	2/5/2021	196	Results fails NYS standards
Boys PE Office Bathroom Sink	2/5/2021	14.1	
Weight Room Ice Machine	2/12/2021	1.00	
Weight Room Front Shower	Tempered Outlets		
Weight Room Back Shower	Tempered Outlets		
Weight Room Bath Sink	2/5/2021	4.72	
Fountain: Outside Weight Room	TBA		Removed
Outside Track Hose Bin	TBA		

Rule of Thumb:

- Any outlet in a room or office within a school not used by students (pre-kindergarten through grade 12), for drinking or cooking, does not require sampling. An example is custodial storage closest dispensing cleaning chemicals
- **Science/Art sinks:** Classrooms in these settings prohibit eating and/or drinking. The sinks within these rooms are not for drinking or cooking. "Handwashing Only, Not for Drinking" signs have been posted.

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.

<i>Location</i>	<i>Immediate Action</i>	<i>Remediation</i>
Kitchen Sink (Island by Refrigerator)	<i>Classroom Teachers Updated Sink Posted for Handwashing</i>	Sink faucets will be replaced; expected completion TBA
Kitchen Sprayer (Dish Wash Station)		
Faculty Bath Sink outside nurse's office		
Classroom Sink Room B-2 #2		
Room B8 Classroom Sink #1		
Room B8 Teaching Station Sink		
Room C4 Classroom Sink		
Room C11 Classroom Sink		
C-Wing Girls Bathroom Sink #6		
C-Wing Boys Bathroom Sink #3		
C-Wing Boys Bathroom Sink #6		
Art Studio Back Hand wash Sink		
Boys Locker Room Sink		



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).