



Oriskany Central School District

1313 Utica Street
Oriskany, NY 13424
315-768-2058

A NOTICE TO PARENTS, GUARDIANS, and STAFF

Oriskany Central School District

Lead RE-Testing of School Drinking Water

NA Walbran Elementary

October 25, 2024

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 (NYS DOH) 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 5 parts per billion (ppb), which is equal to 5 micrograms per liter ($\mu\text{g/L}$), the NYS DOH 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 during 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. There were 43 fixtures tested and 14 showed lead levels above the allowable 5 ppb (parts per billion) marks.

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What are the results of the first draw testing?

Collection Date	Sample Location	Outlet Description	Action Taken
5/31/24	Rm 1	Classroom Sink	Posted
5/31/24	Rm 4	Classroom Sink	Posted
5/31/24	Rm 11	Classroom Sink	Posted
5/31/24	Rm 22	Library Sink	Posted
5/31/24	Rm 23	Classroom Sink	Posted
5/31/24	Rm 24	Classroom Sink	Posted
5/31/24	Rm 30	Classroom Sink	Posted
5/31/24	Rm 31	Classroom Sink	Posted
5/31/24	Rm 32	Classroom Sink	Posted
5/31/24	Rm 33	Classroom Sink	Posted
5/31/24	Kitchen	Sanitation Sink L side	Posted
5/31/24	Kitchen	Sanitation Sink R side	Posted
5/31/24	Kitchen	Kettle Rinse	Placard
5/31/24	Con. Stand	Inside Hose Bib	Placard

What is being done in response to the results?

Outlets that tested with lead levels above the action level (5 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 was not to be used for drinking. Over the summer, our Facilities & Maintenance Department will work on remediation strategies and a second sampling of water will be tested from these 14 fixtures. Once the re-testing results are available, we will send a second letter to you regarding these results and make them available at the School District Office. Outlets that tested below the action level



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remain in service with no restrictions. **None of the district's water fountains used for drinking contained lead contamination.**

Second Set Water Testing

What are the Results of the Re-Testing?

Collection Date	Sample Location	Outlet Description	Action Taken
10/4/24	Rm 1	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 4	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 11	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 22	Library Sink	Posted – POU Filter Installation
10/4/24	Rm 24	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 30	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 31	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 32	Classroom Sink	Posted – POU Filter Installation
10/4/24	Rm 33	Classroom Sink	Posted - POU Filter Installation
10/4/24	Kitchen	Sanit. Sink L Side	Posted – POU Filter Installation
10/4/24	Kitchen	Sanit. Sink R Side	Posted – POU Filter Installation



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Of the 14 outlets that were retested, 3 outlets met the 5 ppb limit and are no longer included in the testing list. The remaining outlets were re-tested at a level above the 5 ppb limit. Our Facilities & Maintenance Department will outfit the remaining outlets with Point of Use (POU) Filters. POU Filters are installed at individual outlets and are certified lead-reduction filters. They can effectively remove lead and act as a long-term or permanent control measure with proper maintenance. These new filters will be placed on a routine maintenance schedule for cartridge replacement. Once all outlets have been retrofitted with a POU filter, the outlets will be retested by PACE Analytical. Once re-testing is complete another letter will be sent to you with the results. Full Comprehensive Reports of the sampling and testing results are on hand at the School District Office.

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 exposure 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, including but not limited to, 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



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or women of childbearing age should also consider discussing this matter with their physician.

Additional Resources

You can review a copy of our first and second set water testing results at the School District Office, which is open Monday through Friday 8:00 am to 4:00 pm, or go to our school website: www.oriskanycsd.org.

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

https://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 DOH Lead Poisoning Prevention Program, 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/> (English)

https://www.health.ny.gov/environmental/lead/education_materials/index.htm (available in ten languages).