



## WEST WINDSOR-PLAINSBORO REGIONAL SCHOOL DISTRICT

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Oct. 8, 2019

West Windsor-Plainsboro Regional School District  
Maurice Hawk Elementary School  
303-305 Clarksville Road  
West Windsor, New Jersey 08550

Dear Maurice Hawk Elementary School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, West Windsor-Plainsboro Regional School District tested our schools' drinking water for lead due to the extensive renovations and new addition to the school, which included moving the water main supply to the building.

In accordance with the Department of Education regulations, Maurice Hawk Elementary School has implemented immediate action for any drinking water outlet with a result greater than the action level of 15  $\mu\text{g/l}$  (parts per billion [ppb]). This includes turning off the outlet until re-testing and/or remedial action showed lead concentrations were below the action level.

### Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we identified and tested all drinking water and food preparation outlets. Of the 90 samples taken, all but 21 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15  $\mu\text{g/l}$  [ppb]).

The table below identifies the drinking water outlets that tested above the 15  $\mu\text{g/l}$  action level for lead, the actual lead level, and the steps West Windsor-Plainsboro School District has taken to reduce the levels of lead at these locations, if necessary.

Building upon our tradition of excellence, the mission of the West Windsor-Plainsboro Regional School District is to empower all learners to thoughtfully contribute to a diverse and changing world with confidence, strength of character, and love of learning.

Sample Location	First Draw Result in µg/l (ppb)	Remedial Action	Resampling Results in µg/l (ppb)	Remedial Action	Remediation Results in µg/l (ppb)	Remedial Action	Remediation Results in µg/l (ppb)
Classroom 134 Sink ID# MHES-1-134-SB1-P	239	Installed filter system.	4.39	N/A	N/A	N/A	N/A
Classroom 131 Sink ID# MHES-1-131-SB1-P	17.6	Installed filter system.	3.89	N/A.	N/A	N/A	N/A
Classroom 125 Sink ID# MHES-1-125-SB1-P	23.5	Installed filter system.	2.44	N/A	N/A	N/A	N/A
Classroom 125 Bubbler ID# MHES-1-125-SB2-P	14.5	Installed filter system.	4.00	N/A	N/A	N/A	N/A
Classroom 123 Sink ID# MHES-1-123-SB1-P	21	Installed filter system.	11.9	N/A	N/A	N/A	N/A
Teacher Lounge Sink ID# MHES-1-Teacher--TL-P	35.4	Installed filter system.	4.25	N/A	N/A	N/A	N/A
Classroom 156 Sink ID# MHES-1-156-SB1-P	88.5	Installed filter system.	9.26	N/A	N/A	N/A	N/A
Classroom 156 Bubbler ID# MHES-1-156-SB2-P	10.2	Installed filter system.	4.71	N/A	N/A	N/A	N/A
Serving Area ID# MHES-1-Serving-FP1-P	13.9	Installed filter system.	11.3	N/A	N/A	N/A	N/A
Serving Area ID# MHES-1-Serving-FP2-P	58.4	Installed filter system.	19.8	Replaced fixture and piping to the wall	2.33	N/A	N/A
Classroom 203 Sink ID# MHES-1-203-SB1-P	16.9	Installed filter system.	2.61	N/A	N/A	N/A	N/A
Classroom 204 Sink ID# MHES-1-204-SB1-P	24.5	Installed filter system.	2.80	N/A	N/A	N/A	N/A
Classroom 204 Bubbler ID# MHES-1-204-SB2-P	199	Installed filter system.	6.41	N/A	N/A	N/A	N/A
Classroom 207 Bubbler ID# MHES-1-207-SB2-P	10.2	Installed filter system.	107	Replaced fixture and piping to the wall	6.16	N/A	N/A
Classroom 210 Bubbler ID# MHES-1-210-SB2-P	13.8	Installed filter system.	33.2	Replaced fixture and piping to the wall	3.52	N/A	N/A
Classroom 209 Sink ID# MHES-1-209-SB1-P	202	Installed filter system.	83.2	Replaced fixture and piping to the wall	33.3	Hand Wash Only	N/A

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Classroom 209 Bubblers ID# MHES-1-209-SB2-P	15.6	Installed filter system.	3.12	N/A	N/A	N/A	N/A
Classroom 211 Sink ID# MHES-1-211-SB1-P	50.5	Installed filter system.	8.64	N/A	N/A	N/A	N/A
Classroom 212 Sink ID# MHES-1-212-SB1-P	107	Installed filter system.	7.93	N/A	N/A	N/A	N/A
Classroom 214 Sink ID# MHES-1-216-SB1-P	17.1	Installed filter system.	3.01	N/A	N/A	N/A	N/A
Classroom 227 Sink ID# MHES-1-214-SB1-P	44.1	Installed filter system.	14.3	N/A	N/A	N/A	N/A

### Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

### How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning *may* contain fairly high levels of lead.

### Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

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For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at <http://www.ww-p.org>. For more information about water quality in our schools, Thomas Daly, Director of Buildings & Grounds at 609-455-3863 at West Windsor-Plainsboro Regional School District.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead), call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

Thomas Daly, CEFM  
Director of Buildings & Grounds

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