

February 27<sup>th</sup>, 2017

North Wildwood School District  
1201 Atlantic Ave  
North Wildwood, NJ 08260

Dear Margaret Mace 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, North Wildwood School District tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, North Wildwood School District will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 µg/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

#### Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within North Wildwood School District. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the **28** samples taken, all but **2** tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlets that tested above the 15 µg/l for lead, the actual lead level, and what temporary remedial action North Wildwood School District has taken to reduce the levels of lead at these locations.

<b>Sample Location</b>	<b>First Draw Result in µg/l (ppb)</b>	<b>Remedial Action</b>
Lab Id#: P60814 - Room 5	28.6	Disconnected outlet
Lab Id#: P60822 - Nurse Office back	23.9	Disconnected outlet

#### 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.

#### 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 8:00 a.m. and 3:00 p.m. and are also available on our website at [www.mmace.com](http://www.mmace.com). For more information about water quality in our schools, contact Michael DeMayo, Director of Facility at 609-522-1454 ext 634.

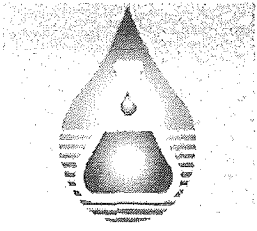
For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at [www.epa.gov/lead](http://www.epa.gov/lead), call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

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,

*Chris Armstrong*

Chris Armstrong  
Superintendent of Schools



**South Jersey  
Water Test, LLC**

4077 South Black Horse Pike  
Williamstown, NJ 08094  
856-875-3506 Phone  
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www.sjwatertest.com  
NJ DEP Certified Lab #080906

## Margaret Mace Elementary School

1201 Atlantic Avenue  
North Wildwood, NJ 08260

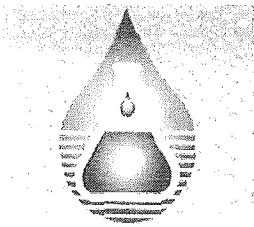
### Results of Lead Analysis

Date & Time First Draw Sampled: 02/16/2017 06:33 - 07:17

Date & Time Analyzed: 02/21/2017 12:38 - 16:42

Sample Location	First Draw	Action Level
Field Reagent Blank (FRB)	<2.00	15.5
MM-Teacher's Lounge	<2.00	15.5
MM-Room14	3.17	15.5
MM-Room 13	5.29	15.5
MM-Room 12	4.90	15.5
MM-Room 11	3.25	15.5
MM-Kitchen Sink	<2.00	15.5
MM-Ice Machine	<2.00	15.5
MM-Room 9	2.82	15.5
MM-Room 8 Sink	5.36	15.5
MM-WF-12th Street Hall	4.40	15.5
MM-Room 7	8.97	15.5
MM-Room 6	4.87	15.5
MM-Room 5	28.6	15.5
MM-Annex North Left	4.70	15.5
MM-Annex North Right	5.80	15.5
MM-Annex South	4.74	15.5
MM-Woodshop Fountain	3.36	15.5
MM-First Floor New Left	<2.00	15.5
MM-First Floor New Right	<2.00	15.5
MM-Nurse Office Front	<2.00	15.5
MM-Office Back	23.9	15.5

Units - ug/L = ppb



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NJ DEP Certified Lab #080806

## Merchantville Public School

130 South Centre Street  
Merchantville, NJ 08109

### Results of Lead Analysis

Date & Time First Draw Sampled: 02/16/2017 05:06 - 05:53

Date & Time Analyzed: 02/21/2017 15:32 - 16:34

Date & Time Analyzed: 02/22/2017 13:25 - 15:26

Sample Location	First Draw	Action Level
MM-Second Floor New Left	<2.00	15.5
MM-Second Floor New Right	<2.00	15.5
MM-Second Floor Old	5.32	15.5
MM-Music Room	11.5	15.5
MM-Third Floor New Left	<2.00	15.5
MM-Third Floor New Right	<2.00	15.5

Units - ug/L = ppb

Action Level: The concentration of lead which determines whether some form of corrective action may be necessary.

QA/QC: Laboratory Fortified Blank (LFB) meets criteria of plus or minus 15% recovery.

Field Reagent Blank (FRB) concentration equals <2.00 ug/L.

Mark J. Riegher, Laboratory Director

2-23-17

Date