

## LEAD TAP WATER MONITORING CONSUMER NOTICE OF RESULTS

This notice is being sent to you by: Byram Elementary & Lakes School  
Water System ID#NJ1904302

Federal and State Safe Drinking Water Act regulations require that we inform you of the results of Lead tap water monitoring for the tap that was tested as part of our Lead and Copper monitoring program. In addition, we are required to provide an explanation of the health effects of Lead, the steps that you, as consumers, can take to reduce your exposure to Lead in drinking water, and contact information for our water system. This notice must also provide the maximum contaminant level goal and the action level for Lead.

The levels of Lead found in the (10) taps that were tested include the following:

Location	Sample Date	Lead Result ug/L
A043 Bubbler	6/13/19	< 2.0
EB 1 <sup>st</sup> FI Kitchen C	6/13/19	< 2.0
EB 1 <sup>st</sup> FI Nurse HS	6/13/19	< 2.0
IB Bubbler by Rm 209	6/13/19	< 2.0
IB Kitchen Home EC	6/13/19	< 2.0
IB Rm 201 Hand Sink	6/13/19	< 2.0
IB WC by Rm 101	6/13/19	< 2.0
L Bubbler by A115	6/13/19	< 2.0
R Bubbler by C-102	6/13/19	< 2.0
IB Office Kitchen	6/13/19	6.96

A Lead level of < 2.0 parts per billion (ug/L) was reported at the 90<sup>th</sup> percentile for samples collected during June, 2019. Our 90<sup>th</sup> percentile **result did not exceed the action level** and we are not required to have a program in place to minimize Lead in your drinking water. Typically, this program includes source water treatment and/or corrosion control treatment, and public education.

### What Does This Mean

Under the authority of the Safe Drinking Water Act, EPA set the action level for lead in drinking water at 15.0 ug/L. This means that water from taps used for human consumption do not exceed the action level in at least 90 percent of the sites sampled (90<sup>th</sup> percentile result). The action level is the concentration of a contaminant, which if exceeded, triggers treatment or other requirements which a water system must follow. If water from the tap does exceed this limit, then certain steps must be taken to correct the problem. Because lead may pose serious health risks, the EPA set a Maximum Contaminant Level Goal (MCLG) of zero for lead. The MCLG is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

### Health effects of Lead

Lead can cause serious health problems if too much enters your body from drinking water or other sources. 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. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.