

NOTICE OF TAP WATER RESULTS LEAD AND COPPER SAMPLING PROGRAM SCHOOL RESULTS

Date: October 2, 2019

School/Childcare Facility Name: **Plymouth South Elementary School**
 Sampling Address: **178 Bourne Road, Plymouth**
 Date Samples Collected: **September 12, 2019**

Dear School Superintendent:

Thank you very much for your participation in the Plymouth South High School (PWS ID 4239017) and Massachusetts Department of Environmental Protection (MassDEP) Lead and Copper Sampling Program. We encourage you to use these results to enhance your Lead Contamination Control Act (LCCA)¹ school or childcare facility program for evaluating lead and copper in your drinking water. For more information on the MassDEP LCCA program to assist schools and childcare facilities to evaluate and address lead and copper in drinking water please see the MassDEP contact information listed below.

The lead and copper levels in your school water samples for the period specified above are as follows:

Location	Result in milligrams per liter(mg/L)	Result is Above the Action Level	Result is At or Below the Action Level
Kitchen Sink Area	LEAD: 0.0041 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.131 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Classroom 3	LEAD: 0.000 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.118 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Classroom 8	LEAD: 0.0011 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.140 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Classroom 13	LEAD: 0.0021 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.130 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Classroom 18	LEAD: 0.0042 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.167 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Classroom 23	LEAD: 0.0000 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.106 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Classroom 26	LEAD: 0.0000 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.118 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Utility/Staff Room	LEAD: 0.0000 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.099 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Nurses Office	LEAD: 0.0000 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.218 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Main Office Conference Room	LEAD: 0.0000 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	COPPER: 0.172 mg/L	<input type="checkbox"/>	<input checked="" type="checkbox"/>

For schools, the **Action Level for Copper is 1.3 mg/l**. The Maximum Contaminant Level Goal (MCLG)² for copper is 1.3 mg/l. The MassDEP **Action Level for Lead in school drinking water is 0.015 mg/l** and it is more stringent than the federal Lead Action Level. Because lead may pose serious health risks, the EPA and MassDEP also set a MCLG for lead of zero. Both EPA and the Centers for Disease Control and Prevention (CDC) agree that “there is no known safe level of lead in a child’s blood”³, therefore MassDEP, Massachusetts Department of Public Health (MDPH) and Plymouth South High School also recommend the following tips to keep any potential lead out of the water in your school:

- **Most importantly – Daily before the school is open, please flush all the taps and drinking water fountains at your school until after the water feels cold.** This good drinking water routine practice ensures the best water quality.
- Never use hot water from the faucet for drinking or cooking.
- Never boil water to remove lead. Boiling water for an extended time may make the lead more concentrated.

If your results were above the lead or copper Action Level, follow the MassDEP guidance (including reporting all corrective actions to the MassDEP) in the document titled “Follow-up Steps for Schools or Childcare Facilities Based on Lead and Copper Sampling Results” located at <https://www.mass.gov/guides/follow-up-steps-for-schools-and-ecf-with-lead-and-copper-sampling-results-above-the-action>.

For More Information:

MassDEP Lead and Copper in drinking water:

<https://www.mass.gov/service-details/is-there-lead-in-my-tap-water>

<https://www.mass.gov/service-details/copper-and-your-health>

¹ <https://www.epa.gov/sites/production/files/2015-09/documents/epalccapamphlet1989.pdf>

² The Maximum Contaminant Level Goal (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. The Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

³ <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

Attention Public Water Systems: Community PWS may adapt this form to notify schools of their results. An electronic copy of this form is located at the MassDEP website at <http://www.mass.gov/eea/agencies/massdep/water/approvals/drinking-water-forms.html#9>.
<https://www.mass.gov/lists/contaminants#lead->

MassDEP Drinking Water Program Contact: program-director-dwp@state.ma.us and 617-292-5770

MDPH Lead and Copper in Drinking Water FAQ and Quick Facts:

<https://www.mass.gov/service-details/sources-of-lead-besides-lead-paint>

<https://www.mass.gov/media/1571266/>

<https://www.mass.gov/media/1571251/>

CDC: <http://www.cdc.gov/nceh/lead/default.htm>.

USEPA: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

If you have any questions regarding lead or copper in drinking water or your sampling results, please contact: Paul Provost (Project Manager) at (978) 479-8170 or Provostp@wseinc.com

Sincerely,



Check box if applicable: Copy of analytical report attached

cc: MassDEP Regional Office

Rev.7/11/18