



# Lead and copper water testing 2018

JULY 26, 2018

UPDATED 8-30-18, 11-5-18

# Lead and copper standards

- ▶ Lead

- ▶ Michigan DEQ & U.S. EPA 15 ppb (0.015 mg/L)

- ▶ Copper

- ▶ Michigan DEQ & U.S. EPA 1,300 ppb (1.3 mg/L)

- ▶ 1 ppb = 0.001 mg/L

- ▶ All sampling and testing procedures were performed in accordance with the MDEQ Guidance on drinking water sampling for lead and copper at schools and daycares on community water supplies (ver. 3.0, August 1, 2016)

# Seaholm High School

- ▶ 393 water sources tested
- ▶ 11 positive test results
- ▶ 0 positive results in *drinking specific* fixtures
- ▶ 1 positive results in foodservice kitchen area – *not a food preparation sink*
- ▶ 0 positive results in large volume samples

# Science Room / Lab Faucets

Science lab faucets are not required by the EPA rules or building codes to meet any lead free regulations.

Birmingham Public Schools has installed one very different looking faucet, that meets all lead free qualifications, in each science classroom in the district.

Students and staff have a clean, tested water source where they can freely and safely use the water for drinking in each of these areas.

All of the other sinks in these areas have been clearly labeled with a durable sign reading "Not Drinking Water".



# S82-CF Room C-102

Copper	<b>1.9 mg/L</b>	0.52 mg/L
Lead	0.002 mg/L	<0.0010 mg/L

Picture  
Not  
Available

Turned off for repair and retesting 7-26-18. Lines and valves replaced.  
Retested and passed. Returned to service 11-5-18.

# S110-CF Room B-111

Copper	<b>1.6 mg/L</b>	0.51 mg/L
Lead	0.0067 mg/L	0.0043 mg/L

Picture  
Not  
Available

Turned off for repair and retesting 7-26-18. lines and valves replaced. Retested and passed. Returned to service 11-5-18.

# S210-CF

## Room B-103

Copper	<b>2.6 mg/L</b>	0.53 mg/L
Lead	0.0022 mg/L	0.0021 mg/L

Picture  
Not  
Available

Turned off for repair and retesting 7-26-18. lines and valves replaced. Retested and passed. Returned to service 11-5-18.

# S249-KF Media Center Workroom

Copper	1.0 mg/L	0.24 mg/L
Lead	<b>0.023 mg/L</b>	0.0014 mg/L



Turned off for repair and retesting 7-26-18. Remediated and aerator replaced.  
Returned to service 8-30-18.



# S277-BF Dressing Room 2 - Right

Copper **1.9 mg/L**

Lead **0.015 mg/L**



Permanently signed as "Not Drinking Water" 8-8-18

# S279-BF Dressing Room 3

Copper 0.69 mg/L

Lead **0.032 mg/L**

Permanently signed as "Not Drinking Water" 8-8-18



# S287-CF

## Room G003 - right

Copper	0.73 mg/L	0.19 mg/L
Lead	<b>0.13 mg/L</b>	0.0024 mg/L



Turned off for repair and retesting 7-26-18. Remediated and aerator replaced.  
Returned to service 8-30-18.

# S302-CF G001 Island

Copper **1.3 mg/L**

Lead 0.0052 mg/L



Permanently signed as "Not Drinking Water" 8-8-18

# S303-CF G001-Storage

Copper 0.80 mg/L

Lead **0.029 mg/L**



Permanently signed as "Not Drinking Water" 8-8-18

# S323-KF

## Kitchen wash sink - left

Copper 0.50 mg/L  
Lead **0.029 mg/L**



Permanently signed as "Not Drinking Water" 8-8-18

S327-BF  
Kitchen  
Men's bathroom

Copper 0.14 mg/L  
Lead **0.018 mg/L**

Permanently signed as "Not Drinking Water" 8-8-18

