



Lead and copper water testing 2018

JULY 6, 2018

UPDATED 8-30-18

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)

Berkshire Middle School

- ▶ 153 water sources tested
- ▶ 9 positive test results
- ▶ 0 positive results in *drinking specific* fixtures
- ▶ 0 positive results in foodservice kitchen area
- ▶ 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".



BK104-CF

Room 101 back right

Copper 1.0 mg/L

Lead **0.039 mg/L**

Permanently signed as "Not Drinking Water"



BK105-CF
Room 101 back middle

Copper 0.39 mg/L
Lead **0.071 mg/L**

Permanently signed as “Not Drinking Water”



BK107-CF
Room 102 right wall, right

Copper **1.7 mg/L**

Lead 0.0047 mg/L

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



BK110-CF
Room 102 Left wall, right

Copper 0.69 mg/L
Lead **0.017 mg/L**

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



BK120-BF Kitchen – Womens

Copper 0.26 mg/L

Lead **0.064 mg/L**

Permanently signed as “Not Drinking Water” 8-8-18



BK122-HS Kitchen hand sink

Copper 0.80 mg/L

Lead **0.023 mg/L**

Permanently signed as “Not Drinking Water” 8-8-18



BK130-CF Room 108 #4

Copper	1.3 mg/L	0.19 mg/L
Lead	0.0029 mg/L	< 0.0010 mg/L



Signed as “not drinking water” for repair 7-6-18. Remediated and aerator replaced.
Returned to service 8-30-18.

BK131-CF

Room 108 island right

Copper	1.4 mg/L	0.19 mg/L
Lead	0.0083 mg/L	0.0011 mg/L

Signed as “not drinking water” for repair 7-6-18. Remediated and aerator replaced. Returned to service 8-30-18.

