



Lead and copper water testing 2018

JULY 5, 2018

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

Lead and copper standards

- ▶ Lead

- ▶ U.S. Environmental protection Agency & MDEQ 15 ppb (0.015 mg/L)

- ▶ Copper

- ▶ Michigan DEQ & U.S. EPA 1300 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)

Birmingham Covington School (BCS)

- ▶ 136 water sources tested
- ▶ 3 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".



C51-KF Tech Services

Copper	1.2 mg/L	0.42 mg/L
Lead	0.020 mg/L	<0.0010 mg/L



Fixture signed as "Not Drinking Water" for repair 7-5-17. Faucet, lines and valves replaced, Retested and passed. Returned to service 11-5-18.

C63-CF

Room 600B

Copper	1.4 mg/L	0.51 mg/L
Lead	0.0010 mg/L	0.0017 mg/L

Picture
Not
Available

Fixture signed as "Not Drinking Water" for repair 7-5-18. Remediated and aerator replaced. Returned to service 8-30-18.

C-124-CF Room 80 Right

Copper 0.41 mg/L

Lead **0.019 mg/L**



Permanently signed as "Not Drinking Water" (all three fixtures) 7-5-18