



Lead and copper water testing 2016/17

JANUARY 18, 2017

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
- ▶ 18 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".



C14-DS Custodial area

Copper N/A mg/L
Lead 0.082 mg/L

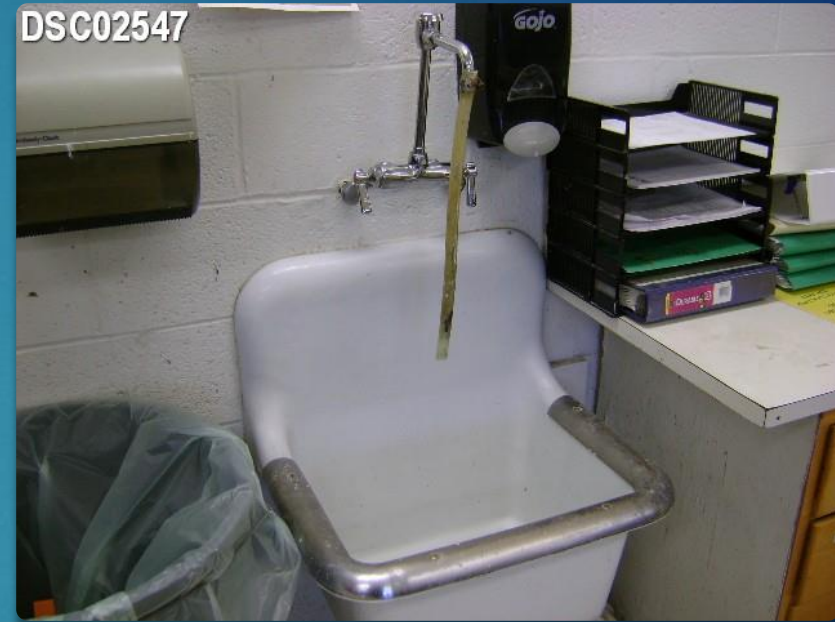


Permanently signed as "Not Drinking Water"

August 2017

C16-DS Custodial area

Copper N/A mg/L
Lead 0.017 mg/L



Permanently signed as "Not Drinking Water"

August 2017

C55-CF Room 600a

Front right sink

Copper 2.4 mg/L

Lead N/A mg/L



Permanently signed as “Not Drinking Water”

August 2017

C61-CF Room 600a

Back left sink

Copper N/A mg/L

Lead 0.11 mg/L

Permanently signed as “Not Drinking Water”

August 2017



C65-CF Room 600b

Right wall

Copper 2.4 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C66-CF Room 600b

Back wall right

Copper 1.4 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C70-CF Room 600b

Left wall middle

Copper 2.4 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C71-CF Room 600b

Left wall left

Copper 1.3 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C72-CF

Prep room 604

Left

Copper N/A mg/L

Lead 0.027 mg/L



Permanently signed as “Not Drinking Water”

August 2017

C73-CF prep room 604

Right

Copper N/A mg/L

Lead 0.21 mg/L



Permanently signed as “Not Drinking Water”

June 2017

C76-CF Room 600c

Right wall right

Copper 2 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C81-CF Room 600c

Back wall left

Copper 1.6 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C82-CF Room 600c

Left wall

Copper N/A mg/L

Lead 0.016 mg/L



Fixture replaced with Lead-Free faucet, Valves, and supply lines July 2017.
Retested August 2017 - PASSED

C84-CF Room 600d

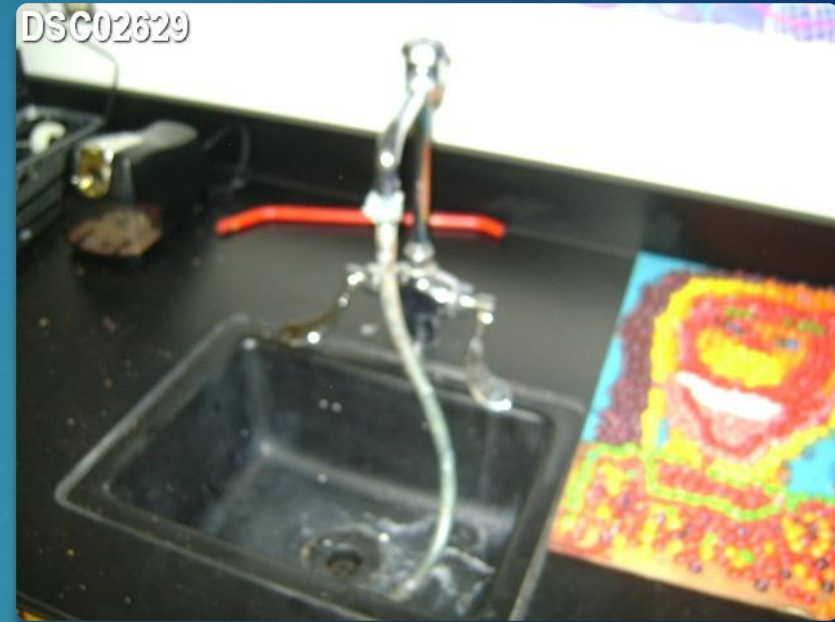
Front left

Copper 1.5 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C86-CF Room 600d

Back wall right

Copper 1.3 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



C88-CF Room 600d

Back wall left

Copper 1.3 mg/L

Lead N/A mg/L

Permanently signed as “Not Drinking Water”

August 2017



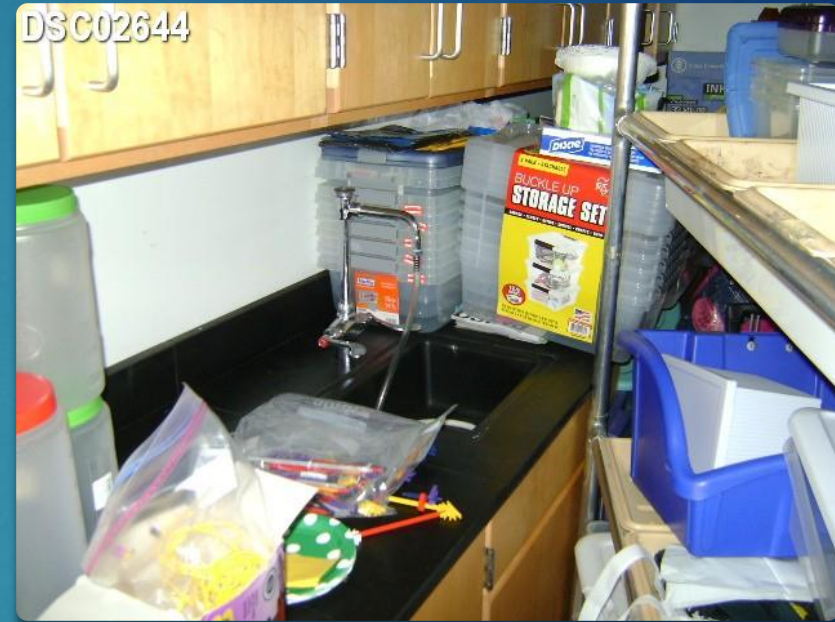
C92-CF Room 600d prep

Copper 2.9mg/L

Lead 0.018 mg/L

Permanently signed as “Not Drinking Water”

August 2017



C120-CF Room 90

Copper N/A mg/L

Lead 0.019 mg/L



Fixture replaced with Lead-Free faucet, Valves, and supply lines July 2017.
Retested August 2017 - PASSED