



Lead and copper water testing 2016/17

FEBRUARY 1, 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)

West Maple Elementary School

- ▶ 135 water sources tested
- ▶ 13 positive test results
- ▶ 1 positive results in *drinking specific* fixtures
- ▶ 1 positive results in foodservice kitchen area (**not a food source**)
- ▶ 4 positive results in large volume samples

WM07-KF Kitchen Area

Equipment has not been used for several years

Unit is not in service

Copper N/A mg/L

Lead 0.79 mg/L



Unit permanently removed from service

February 2017

WM43-CF

Room 17 LT wall left

Copper N/A mg/L
Lead 0.015 mg/L



Faucet, Supply Line, and valves replaced March 2017. Retested 5-13-17 PASSED

WM67-CF WM68-CF
WM69-CF
Room 24 prep

Three faucets

Copper	1) 1.3 mg/L	2) 2.8 mg/L	3) N/A mg/L
Lead	1) 0.58 mg/L	2) .26 mg/L	3) .55 mg/L



Permanently signed as “Not Drinking Water” August 2017

WM104-KF Staff work room

Copper N/A mg/L
Lead 0.027 mg/L

Aerator changed

February 2017.

Re-test 2-25-17 passed



WM110-CF Clinic

Copper 1.7 mg/L
Lead N/A mg/L



Replaced, Faucet, Supply Lines, and valves March 2017
Replaced supply pipe back to East valves +/- 80 feet March 2017
Retested 5-13-17 PASSED

WM118-DF

Pool by boys

Copper N/A mg/L
Lead 0.020 mg/L

Permanently removed from service

February 2017



WM131-Spigot Boiler room

Copper N/A mg/L
Lead 0.027 mg/L



Permanently signed as “Not Drinking Water” August 2017