



# Lead and copper water testing 2018

JUNE 12, 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)

# West Maple Elementary School

- ▶ 135 water sources tested
- ▶ 6 positive test results
- ▶ 1 positive results in *drinking specific* fixtures
- ▶ 0 positive results in foodservice kitchen area
- ▶ 0 positive results in large volume samples

# WM36-CF Room 7

Copper	<b>6.4 mg/L</b>	0.27 mg/L
Lead	<b>0.029 mg/L</b>	0.0055 mg/L



Sink posted as “Not Drinking Water” 6-13-18. Faucet, lines and valves replaced. Returned to service 11-5-18.

# WM37-CF Room 14

Copper	<b>2.4 mg/L</b>	0.42 mg/L
Lead	<b>0.028 mg/L</b>	0.0023 mg/L

Sink posted as “Not Drinking Water” 6-13-18. Remediated and aerator replaced. Returned to service 8-30-18.



# WM41-B

## Room 16, Right wall, right hand sink

Bubbler unit

Copper 0.52 mg/L

Lead **0.053 mg/L**

Units removed from service (shut off) 6-13-18. Bubbler unit to be removed permanently  
At this location.



# WM91-CF Room 36

Sink Only.      Bubblers passed testing

Copper    0.53 mg/L      0.19 mg/L

Lead      **0.088 mg/L**      < 0.0010 mg/L

Sink signed as “Not Drinking Water” 6-13-18. Remediated and aerator replaced.  
Returned to service 8-30-18.



# WM104-KF

## Staff work room

Copper	0.67 mg/L	0.16 mg/L
Lead	<b>0.021 mg/L</b>	0.0074 mg/L

Sink posted as “Not Drinking Water” 6-13-18. Fixture, supply lines and valves replaced. Returned to service 8-30-18.





# WM105-KF Media Center Storage

Copper	0.31 mg/L	0.11 mg/L
Lead	<b>0.024 mg/L</b>	0.0024 mg/L

Sink posted as “Not Drinking Water” 6-13-18. Remediated and aerator replaced. Returned to service 8-30-18.

