



# Lead and copper water testing 2018

JUNE 19, 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 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)

# Harlan Elementary School

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

# H11-CF Room 102

Sink only tested positive. Bubbler passed testing.

Copper	0.43 mg/L	0.17 mg/L
Lead	<b>0.019 mg/L</b>	0.0082 mg/L

Sink removed from service 6-20-18. Fixture remediated and aerator replaced.  
Returned to service 8-30-18.



# H34-CF Room 103

Sink only tested positive. Bubbler passed testing.

Copper	<b>4.4 mg/L</b>	0.17 mg/L
Lead	0.014 mg/L	0.014 mg/L

Sink removed from service 6-20-18. Fixture remediated and aerator replaced.  
Returned to service 8-30-18.



H36-CF  
Room 104  
away from door

Copper 0.51 mg/L

Lead **0.021 mg/L**



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

# H84-CF Room 203

Sink only tested positive. Bubbler passed testing

Copper	0.78 mg/L	0.23 mg/L
Lead	<b>0.023 mg/L</b>	0.0065 mg/L

Sink removed from service 6-20-18. Fixture remediated and aerator replaced.  
Returned to service 8-30-18.



# H91-CF Room 208

Sink only tested positive. Bubbler passed testing.

Copper	<b>2.5 mg/L</b>	0.25 mg/L
Lead	0.0077 mg/L	0.0039 mg/L

Sink removed from service 6-20-18. Fixture remediated and aerator replaced.  
Returned to service 8-30-18.





# H105-CF Room 109

Copper	0.67 mg/L	0.23 mg/L
Lead	<b>0.022 mg/L</b>	0.0032 mg/L



Sink removed from service 6-20-18. Fixture remediated and aerator replaced.  
Returned to service 8-30-18.