



Lead and copper water testing 2016/17

JANUARY 5, 2017

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
- ▶ 10 positive test results
- ▶ 0 positive results in *drinking specific* fixtures
- ▶ 0 positive results in foodservice kitchen area
- ▶ 0 positive results in large volume samples

H02-EW receiving area

Copper N/A mg/L
Lead 0.033 mg/L



Permanently signed as "Not Drinking Water" August 2017

H21-EW Boiler room

Copper N/A mg/L
Lead 0.025 mg/L



Permanently signed as “Not Drinking Water” August 2017

H23-EW Kitchen

Copper N/A mg/L
Lead 0.024 mg/L



Permanently signed as "Not Drinking Water" August 2017

H64-EW Custodial closet (by 105)

Copper 2.3 mg/L
Lead 0.057 mg/L



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H93-DS H94-EW Custodial closet (2nd fl.)

Sink and eye wash

Copper 1) 2.0 mg/L 2) N/A mg/L

Lead 1) N/A mg/L 2) 0.043 mg/L



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H104-BF

Room 109 bathroom

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



Aerator changed

January 2017.

Re-test 1-28-17 passed

H117-EW Custodial closet (by 103)

Copper N/A mg/L
Lead 0.024 mg/L



Permanently signed as “Not Drinking Water” August 2017

H118-SP Spigot by receiving

Outdoor spigots were NOT flushed

- Re-test scheduled for spring 2017

Copper	N/A mg/L
Lead	0.016 mg/L



Permanently signed as “Not Drinking Water” August 2017

H120-SP Spigot by main entry

Outdoor spigots were NOT flushed

- Re-test scheduled for spring 2017

Copper	N/A mg/L
Lead	0.035 mg/L



Permanently signed as “Not Drinking Water” August 2017