



# 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 1,300 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)

# Pembroke Elementary School

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

# PB02-EW    PB03-DS Boiler room

Eye wash and sink

Copper    1) N/A mg/L    2) 2.8 mg/L

Lead        1) 0.053 mg/L    2) 0.12 mg/L



Permanently signed as “Not Drinking Water”    August 2017

# PB98-SP

## Spigot by main entry west

Outdoor spigots were NOT flushed

- Re-test scheduled for spring 2017

Copper 13 mg/L

Lead 1.0 mg/L



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