

December 10, 2019

### **Memo Re Water Testing**

The following is the procedure currently being followed to test water quality throughout the District:

#### Pre-sampling Controls

Prior to sampling, sites where the most recent testing (2016) indicates that lead levels may be above the new, March 2019, Guidelines for Canadian Drinking Water Quality, Maximum Allowable Concentration (MAC) of 0.005 mg/L, will be directed to flush their access points to ensure that water at the beginning of the school day is not stagnant and is fresh.

Sampling will be performed in December 2019 by the School District's Health, Wellness & Safety Officer and analyzed by CARO Analytical Services.

#### Lead Sampling Process

- 1) Identify all locations where drinking water is accessed (water fountains and staff room sinks).
- 2) First draw samples (meaning no flushing, bottles are filled with the first water from the access point) will be taken after an 8-hour stagnation period of the water system where feasible. This will ensure that the water sample is representative of a more-worst case scenario
- 3) Samples will be refrigerated until shipped in a cooler with icepacks to CARO Analytical Services along with documentation.

#### Post Sampling Process

Once results are received from the lab, any locations that are found to have lead concentrations above the March 2019, Guidelines for Canadian Drinking Water Quality, Maximum Allowable Concentration (MAC) of 0.005 mg/L will be flushed as a temporary control while potential reduction measures are considered with consultation with the Interior Health Authority. Potential Measures of Lead Reduction will be explored at that stage to identify measures to reduce lead levels which are feasible given the nature of the water systems. Retesting will also be performed in these locations to evaluate the effectiveness of any corrective measures.

Results of all testing will be documented within a water quality log for future reference and referral.