

Taking samples for the community lead testing program

Under O. Reg. 170/03 – Section 15.1-7

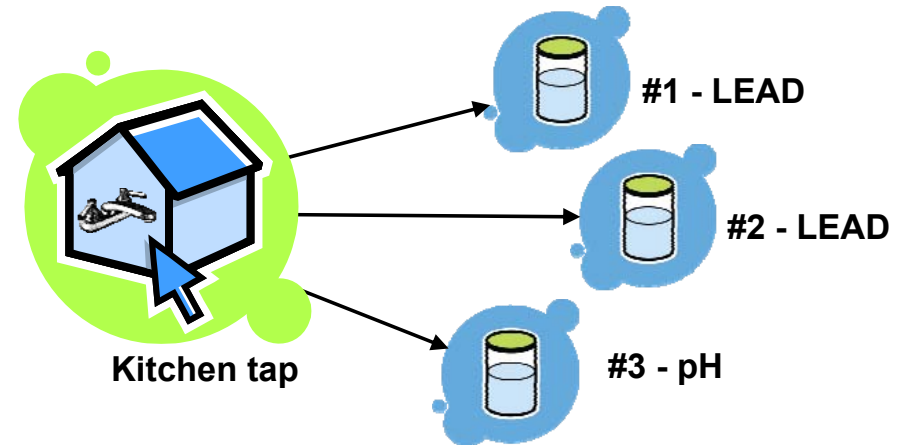
Quick Tip Sheet for Municipal and Non-Municipal Drinking Water System Owners and Operators

For more information visit www.ontario.ca/drinkingwater

PLUMBING SAMPLES

1. Turn on tap for minimum of five minutes to flush water from lines, then turn tap off
2. After flush, wait 30-35 minutes – do not use plumbing
3. Put bottle under tap, turn tap on to normal flow rate and take first one-litre sample for **LEAD** testing
4. Take second one-litre sample for **LEAD** testing
5. Take sample and perform **pH** testing using an electronic pH meter with a sample size per meter specifications.

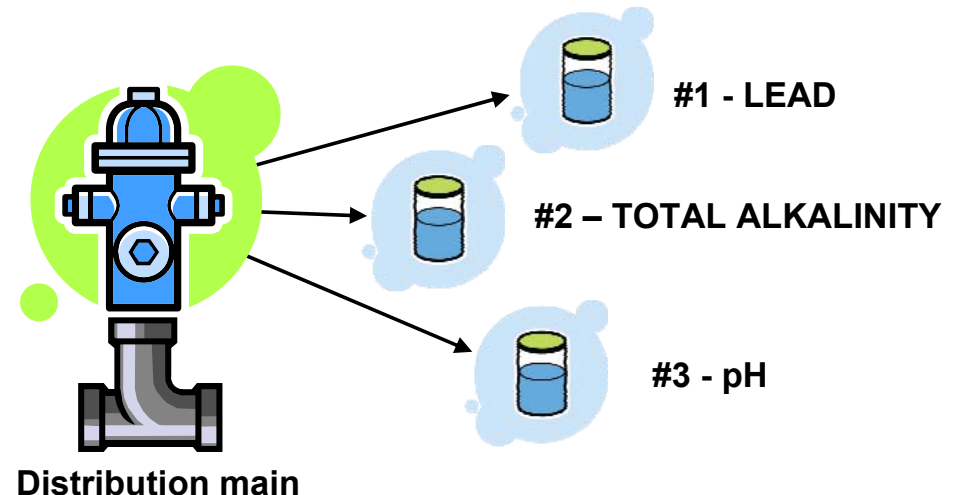
Note: Take samples continuously, one after the other, without turning the tap off and with as little spillage between the samples as possible.



DISTRIBUTION SAMPLES

1. Flush sampling point (hydrant or tap) until water representative of that part of the distribution system is obtained
2. Take sample for **LEAD** testing (size identified by laboratory that will conduct the test)
3. Take sample for **TOTAL ALKALINITY** (size identified by laboratory that will conduct the test)
4. Take sample and perform **pH** testing using an electronic pH meter with a sample size per meter specifications

Note: If a chosen hydrant has lead-based materials, flush it thoroughly before taking a sample (e.g., five to ten minutes) or select another hydrant. Where there are no hydrants or distribution sampling taps available, choose a plumbing tap that best represents the water quality in the distribution system.



Protecting our environment.

