



Sampling Instructions for MTO Testing Pkg.

BOTTLES:

- 1 x Bacteria bottle (TC, EC, FC, GBP) (preserved with sodium thiosulphate)
- 1 x 1 litre plastic (TSS, TDS)
- 1 x 500 ml PET (General Chemistry - pH, Alk., Cond.)
- 5 x 125 ml plastic (Tannins & Lignins / Cl, S04, NO3 / Metals + Sodium / NH3, NH4)

- 1) **Read instructions thoroughly before proceeding.**
- 2) Fill out each bottle label and the submission form completely.
- 3) Choose a sampling location that accurately represents the quality of the water being sampled. When sampling distribution/plumbing system taps, it is not advisable to sample from an unprotected outside tap. **It is recommended to take the samples from a point of consumption such as the kitchen sink or bathroom sink. Do not sample from a non-consumption point unless absolutely necessary.** For regulatory samples, sample at registered locations.
- 4) **Collect Bacteria sample first. See detailed instructions in box below:**

When sampling for Bacteria:

Remove the screen, aerators & strainers as well as any filtration systems from the tap and sterilize it with a match flame or alcohol swab. Once this is done be careful not to contaminate the faucet with a dishcloth or any other contact. Open the COLD water tap and flush the line long enough to ensure fresh water is in the line (generally 5 minutes)

Fill the bottle directly- Do not pre-rinse bottle.

- 5) Pre-rinse each of the remaining bottles a few times with the sample to be taken.
EXCEPTION: Bacteria bottle should not be pre-rinsed, as indicated above.
- 5) Fill the bottles with the sample (to the bottom of the bottleneck), all coming from the same source.
- 6) ***Preservation:***
None required
- 7) Return samples to the laboratory as soon as possible. Sampling kits including a bacteria sample should be submitted Monday to Thursday, if submitted on a Friday it will be subject to a weekend service charge. Please call the laboratory if this is necessary.

If you have any questions, please contact the laboratory at (705) 497-0550 before proceeding with the sampling.