

### DRINKING WATER BACTERIOLOGY INSTRUCTIONS & REPORT FORM

Laboratory Name: \_\_\_\_\_ Lab No. \_\_\_\_\_  
 Submitter's Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date Specimen Received: \_\_\_\_\_ Date of Analysis: \_\_\_\_\_

There are **four** testing samples enclosed. **Samples number 1 to 4 are simulated drinking water samples** to be tested for total coliforms, thermotolerant coliforms, and *E. coli* if applicable.

The samples were created and shipped by CMPT and are stable at room temperature for at least **168 hours** after the shipment date (see cover letter), however we suggest testing the samples as soon as possible. If you refrigerate the samples, please leave the samples at room temperature for 1 to 2 hours prior to testing.

Each sample contains 10 mls.

- **For 200 ml total volume:** Mix, dilute each sample with 190 mls of sterile diluent. Rinse the tubes once with the diluent that makes up the total volume.
- **For 100 ml total volume:** Mix. Pipet 5 mls of each sample and dilute with 95 mls of sterile diluent.

Mix well, process immediately. Please record counts in table below as per 100 ml of diluted sample.

Upon completion, please enter your results via the web site, [www.cmpt.ca](http://www.cmpt.ca) or fax your results by the due date on the cover letter. Preliminary sample concentrations will appear on the website, [www.cmpt.ca](http://www.cmpt.ca), approximately 2 days after the due date. *Reports will not be accepted after preliminary results/sample concentrations appear on the website.*

Vial no.	Test	Results <small>cfu or MPN /100ml</small>	Method	Incubation Temp	Media
1	Total Coliforms				
	Thermotolerant Coliforms				
	<i>E. coli</i>				
2	Total Coliforms				
	Thermotolerant Coliforms				
	<i>E. coli</i>				
3	Total Coliforms				
	Thermotolerant Coliforms				
	<i>E. coli</i>				
4	Total Coliforms				
	Thermotolerant Coliforms				
	<i>E. coli</i>				

- For Counts less than 1, CMPT prefers a recorded result of zero (0)