

**ATAP Infrastructure Management Ltd.
1-Day Water Distribution System Maintenance Workshop
COURSE DESCRIPTION**



The morning of this workshop looks at water quality requirements for water entering storage reservoirs and distribution systems, as well as the requirements at the most distant sections of the distribution system. The effects of the distribution system on water quality degradation and the methods used to mitigate are highlighted. Descriptions of major system components are presented and maintenance practices are covered. These components include pumps, motors, controls, storage reservoirs and water mains. Options regarding pipeline preventative maintenance; such as swabbing, flushing and other methods are also presented.

The afternoon portion of the workshop is presented to provide the operational staff an opportunity to learn procedures, materials and equipment necessary for swabbing, as well as environmental issues in discharging effluent, quality control and monitoring. Safety issues while swabbing and performing distribution system maintenance are incorporated throughout the session. The workshop will include instruction on the potential health risk from distribution systems conditions that harbor bacteria and early detection.