



Expanded Lead Sampling Regime

Presentation by:

Nick Benkovich

Director, Water & Wastewater Services

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Background

- Early 50's - Building Code prohibits the use of lead pipe;
- Mid 70's - Sudbury initiates program to systematically replace lead services; and
- 2000 - MOE introduces mandatory testing for lead in distribution systems.



Background (Cont'd)

- Original Lead Sampling Regime:
 - 1 Sample per year from each water distribution system;
(10 samples per year for CGS)
- Lead levels in CGS water consistently below regulatory limit.



Background (Cont'd)

- *May 2007* - High lead in London (ON) prompts MOE to revisit lead sampling requirements;
- *June 2007* - MOE consults with stakeholders and subject matter experts; and
- *July 2007* - MOE amends O. Reg. 170/03 to include expanded lead sampling.



Amendments to O. Reg. 170/03



- Commencing December 15, 2007:
 - Test for lead in a specified number of tap samples taken from within homes and other facilities;
 - Advise residents of test results; and
 - Take appropriate corrective action when necessary.



Impact of Amendments

- An additional 1,000 water samples per year (more than 75% of these to be taken from taps in private homes); and
- Unable to comply given current staffing level.



Decision Requested

- Authorization to hire two (2) full time staff members; and
- Approval for a 2007 unbudgeted expenditure of \$35,000 as well an ongoing annual funding requirement of \$143,000 be incorporated into the 2008 base budget.



Operator 'B' (Sampler)

- Draw water samples daily (6 per day) from homes and other facilities:
 - Run water for 5 minutes;
 - Wait 30 minutes;
 - Take water samples;
- Deliver samples to laboratory for analysis; and
- Interpret results & compile reports.



Records Clerk

- Manage list of volunteers;
- Solicit new volunteers (as required);
- Make appointments for samplings;
- Process lead sampling data;
- Notify volunteers of test results; and
- Distribute reports.



Questions?