Purpose & Scope - Schedule 22 Report

- Safe Drinking Water Act, O.Reg 170
- Report to Council by March 31st
- Requires Council be informed of:
  - Provincial Officer’s Orders
  - Confirmed Adverse Water Quality Incidents (AWQIs)
  - Water treatment plants
Summary – Schedule 22 Report

- AWQIs
  - Hamilton DWS – 2 confirmed AWQIs
  - Other DWSs – no confirmed AWQIs
- Provincial Orders – none
- Water taking or production limits not exceeded
- Report includes:
  - 2012 upgrades
  - 2013 planned upgrades
Purpose & Scope – DWQMS Report

- Drinking Water Quality Management System Standard (DWQMS) - Owner be informed:
  - Infrastructure Review
  - Top Management Review
- Owner = Mayor & Council
- DWQMS Report includes:
  - Risk Assessment
  - Internal Audit
  - Standard of Care Training
  - Corrosion Control Study – Lead Reduction
Maintaining & Improving The DWQMS

• Legal requirement to **maintain & continually improve** DWQMS.

2012 milestones:
The Risk Assessment must be reviewed on an annual basis & redone every 3 years.

• DWQMS Risk Assessment Database

• DWS hazards identified, risks assessed, critical control points / limits & and controls identified.

• DWQMS Risk Assessment Database

• Focus for 2012 - recent capital upgrades

• Meetings - Fall, 2012

• Links to Hamilton Water budget
Is water infrastructure available, when needed & maintained & improved, as necessary.

• Scope – all 5 DWSs
• Focused on operation, maintenance & replacement of infrastructure

• Report provides:
  • Summary of Infrastructure Review
  • Overview of outcomes
• Meetings held in Spring 2012
• Links to Hamilton Water budget
Top Management Review of DWQMS at least once per year.

- Review of overall performance of DWQMS including legal compliance & water quality
- Assess suitability, adequacy, effectiveness of DWQMS
- GM Public Works, Director HW Operations, HW Management Team & Overall Responsible Operators
- Report provides summary of action items – tracked in database
• Annual Internal Audit
  • Conducted Fall, 2012
  • All 21 elements of DWQMS Standard & Transfer of Assets process
  • Auditors - Hamilton Water staff
• External Accreditation Audits
  • New accreditation body – QMI (SAI – Global)
  • Annual System Audits & on-site Verification Audit every 3 years
• Root cause analysis & identification of preventive & corrective actions
• The Report provides summary of audit process & next steps
DWQMS – Standard of Care Training

Standard of Care requirements for Owners Managers of Municipal DWS in effect January 1st, 2013.

- Statutory due diligence
- Mayor & Council trained 2012
- Strict enforcement of Safe Water Act