

CITY OF ORILLIA

TO: Council Committee
FROM: Public Works Department
REPORT NO.: PW-08-012
DATE: January 22, 2008
SUBJECT: **Cross-connection Control Program (CCCP) By-Law
Revision Review**

Recommendation

THAT the proposed revisions to Municipal Code Chapter 1020 be adopted as per Attachment 1.

Background

City staff has reviewed the City's Municipal Code Chapter 1020 and made revisions related to issues involving definitions, reporting, compliance and time requirements. The CCCP by-law was approved by City Council in September 2006. This report outlines the results of the current review and the changes that are proposed.

Proposed Changes to Municipal Code

Revisions are proposed to nine sections of Chapter 1020. Attachment 1 contains the complete Chapter 1020 with the proposed changes highlighted in grey. Discussed below are the major changes to the by-law. Housekeeping items such as typographical errors and wording changes will not be addressed in the report.

1. Definition of Program Administrator (Section 1020.1.12)

It is proposed to add a definition for the Program Administrator. As there tends to be many questions regarding the program and its requirements which must be answered prior to work being completed, it is felt that a clear direction is required for all enquiries.

2. Definition of Qualified Person (Section 1020.1.13)

It is proposed to add a definition for the Qualified Person that is to complete the work required in the program. Over the past year this has created confusion in what specific qualifications are required.

3. CAN/CSA Standard updates (Section 1020.2.2)

The CAN/CSA-B64 SERIES-01 was updated in July 2007 and the SERIES is currently considered SERIES-07. Section 1020.2.2(b) provides a complete listing of the standards required for plumbing fittings.

4. Cross-connection Inspection Reports – Not Provided – Water – Shut-off (Section 1020.3.4)

It is proposed to include this section to ensure that all inspection reports are received as required. Currently all reports were to be received prior to June 30, 2007 for all commercially billed accounts. City staff has sent reminder letters on five occasions as inserts in the water and sewer billing. As of the June 30, 2007 requirement approximately 25 percent of the reports were received. As of November 20, 2007 the fifth reminder letter was sent and just over 40 percent of the reports have been received. This puts the program and its time requirements behind schedule for the compliance requirements.

5. Cross-connection Compliance (Section 1020.4.2)

A Compliance Notice is to be sent by the City stating the correction required to the plumbing in order to be compliant with Chapter 1020. The person receiving the notice is to reply in writing to the City that corrections have been made. A Corrective Actions form has been created for ease of submitting.

6. Premises Isolation - Specification (Section 1020.5.2)

A number of inquiries have been received asking who at the City would provide the specification for premises isolation. The addition of the "Program Administrator" instead of "by the Municipality" will clarify the requirement.

7. Maintenance and Field –Testing of Backflow Prevention Devices – 5 days – repair – replace – report (Section 1020.6.3)

As part of the maintenance requirements of backflow prevention devices, it is a manufacturer's requirement for these units to be tested annually. The original version of Chapter 1020 did not provide that the City was to be notified of a problem and possible contaminant threat of the potable water system.

8. Inspection Report, Implementation and Retesting Schedule (Section 1020.8.1(a))

Due to the lack of response to the requirement of submitting the reports, report recommendations have not been sent out for implementation. It was felt that by not receiving all reports that it was unfair to require corrections for those submitting the reports when others had not submitted the initial requirement. It is

proposed to change the implementation of report recommendations to be determined by the Municipality, but not to exceed one year from report submission.

It is also proposed that for all new and renovated buildings that include plumbing, a Cross-Connection Inspection Report is to be submitted prior to issuance of the Occupancy Permit.

9. Use of Hydrant – Payment (Section 1020.9.3)

This clears up confusion surrounding the need for a Backflow Metering Assembly (BMA). Due to flow testing of the fire hydrants during annual inspections, a BMA unit is not required as it produces flow restriction which provides a false flow reading.

Financial Impact

No financial impacts are anticipated with the proposed changes.

Summary

City staff has reviewed the City's Municipal Code Chapter 1020 relating to the Cross-connection Control Program. It is felt this revision will provide flexibility to ensure a safe potable water system for the City and ensure compliance with the program.

Prepared by:

Recommended by:

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Attach.

- Attachment 1: Backflow Prevention By-law 1020 Revision 2008