

April 15, 2004

PN 74876

The Regional Municipality of York
Office of Chief Administrative Officer
Audit Services Branch
17250 Yonge Street
Newmarket, Ontario
L3Y 6Z1

Attention: Mr. Paul Duggan, Director of Audit Services

Subject: Ontario Drinking Water Regulation (O. Reg. 170/03) Schedule 22 Report Review

Dear Mr. Duggan:

Earth Tech Canada Inc. (Earth Tech) is pleased to present to the Regional Municipality of York (York Region) this letter report summarizing the findings of our review of the "Summary Report for York Region Water Systems, Mandated under the Safe Drinking Water Act (2002), Reporting Period of July 1 to December 31, 2003" written by the York Region Transportation and Works Department. Schedule 22 of O. Reg. 170/03 requires the following:

Telephone

519.673.0510

Facsimile

519.673.5975

"22-1. This Schedule applies to the following drinking-water systems:

- 1. Large municipal residential systems.*
- 2. Small municipal residential systems.*

22-2. (1) The owner of a drinking-water system shall ensure that, not later than March 31 of each year after 2003, a report is prepared in accordance with subsections (2) and (3) for the preceding calendar year and is given to,

- (a) in the case of a drinking-water system owned by a municipality, the members of the municipal council;*
- (b) in the case of a drinking-water system owned by a municipal service board established under section 195 of the Municipal Act, 2001, the members of the municipal service board; or*
- (c) in the case of a drinking-water system owned by a corporation, the board of directors of the corporation.*

(2) The report must,

- (a) list the requirements of the Act, the regulations, the system's approval and any order that the system failed to meet at any time during the period covered by the report and specify the duration of the failure; and*
- (b) for each failure referred to in clause (a), describe the measures that were taken to correct the failure.*

(3) The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

- 1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows and daily instantaneous peak flow rates.*
- 2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval.*



A tyco INTERNATIONAL LTD. COMPANY

(4) *If a report is prepared under subsection (1) for a system that supplies water to a municipality under the terms of a contract, the owner of the system shall give a copy of the report to the municipality by March 31.*

(5) *For the purpose of subsection (1), the preceding calendar year for the report that is required to be prepared not later than March 31, 2004 shall be deemed to be the period from July 1, 2003 to December 31, 2003.*

22-3. A provision of an OWRA approval that requires the completion and presentation of a compliance report does not apply to a drinking-water system if the owner of the system complies with section 22-2."

Objective and Scope

The project objective was to identify reporting deficiencies, if any, in York Region's annual Schedule 22 report to the Transportation and Works Committee and York Regional Council. The work scope consisted of a desk top review of the "Summary Report for York Region Water Systems" listed above by an experienced senior environmental scientist and compliance auditor, Mira Hube, M.Sc., CEA. The scope of work did not include verification of the Region's compliance with any additional requirements of the Safe Drinking Water Act or the Drinking Water Regulation, other than the above-noted requirements in Schedule 22. The reviewer did not visit any of the system sites, conduct a review of analytical data reports, or conduct a review of field records and practices.

Findings

Earth Tech did not identify reporting deficiencies in the above listed report when compared to the requirements of Schedule 22, O. Reg. 170/03. The following is presented for consideration when finalizing the report however:

- The information presented in the report for the Ansnorveldt system indicates that a Boil Water Advisory was issued in September 2000 by York Region's Medical Officer of Health., and continues in the community of Ansnorveldt due to concern that adverse water quality can develop with the distribution system. Additional information in the report regarding measures taken to correct the situation may be beneficial for the Council.
- Units are not specified in Table 3, Monthly Average Flows, throughout the report.

We trust that you find our letter report satisfactory. If you have any questions or concerns regarding this report, please do not hesitate to contact me at 519-673-0510 ext.3023.

Very truly yours,

Earth Tech Canada Inc.



Mira Hube, M.Sc., CEA
Senior Environmental Auditor
Regional Manager – Environmental Services

Cc: Debbie Korolnek, York Region
Courtney Pickett, York Region
Tim Murphy, Earth Tech