



2009
WATERWORKS
SUMMARY REPORT
(January 1, 2009 to December 31, 2009)

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CORPORATION OF THE TOWN OF HAWKESBURY

2009 WATERWORKS SUMMARY REPORT

(January 1, 2009 to December 31, 2009)

1. REQUIREMENTS OF THE SAFE DRINKING WATER ACT, 2002

Under the new Drinking Water Systems Regulation 170/03, the Town of Hawkesbury's water system has been classified as a *Municipal Large Residential System*. This category is based on the fact that the Hawkesbury's water system serves a major residential development and serves more than 100 private residences.

Based on the 2008 Financial information return, there are 4,996 water services in the Town of Hawkesbury. Furthermore, the Town of Hawkesbury's water system serves three wards in the Township of Champlain, being the Town of Vankleek Hill with 762 water services, the Village of L'Orignal with 558 water services and Laurentian Park with 40 water services for a total of 1,350 water services.

2. REQUIREMENTS OF THE DRINKING WATER SYSTEMS REGULATION (ONTARIO REGULATION 170/03)

The new Drinking Water Systems Regulation 170/03, made under the Safe Drinking Water Act, 2002, provides more detailed regulatory requirements in conjunction with the Safe Drinking Water Act, 2002.

3. REQUIREMENTS OF THE SYSTEM'S APPROVAL

The Town of Hawkesbury's drinking water system operates under an amended Certificate of Approval no. 1145-5UCLCJ, issued by the Ministry of the Environment on January 6, 2004, and under Permit to Take Water no. 94-P-4011, Reference Number 7856-5TARNS, issued on February 15, 2004 in accordance with Section 34 of the Ontario Water Resources Act. This permit is valid until February 15, 2014.

In 2009, the Town of Hawkesbury was not issued any order by the Ministry of the Environment and no failure was ever reported on the system in 2009.

4. RATED CAPACITY AND FLOW RATES

Under Part 4 of the amended Certificate of Approval no. 1145-5UCLCJ, the rated capacity at the Hawkesbury Water Filtration Plant is as follows:

- Maximum Flow Rate (L/sec)	=	316
- Maximum Daily Volume (m ³ /day)	=	27,275

.../2

Based on the water production data, the maximum daily water production was in November 2005 at 12,626 m³/day or 146 L/sec, well under the maximum flow rate allowed.

Under the Permit to Take Water no. 94-P-4011, the rate of taking for the Town of Hawkesbury is as follows:

- Maximum Rate of Taking (L/min) = 25,003
- Maximum Rate of Taking (L/day) = 20,000,000

Based on the raw water consumption data, the rate of taking (peak) was in November 2009 at 20,876 m³/day and the maximum was in December 2009 at 13,356 m³/day, well within the maximum rate of taking allowed.

See Appendix "A" for Waterworks Data 2009.

5. AVAILABILITY OF REPORT

The Town of Hawkesbury will be advising the users of water from the system, through local newspapers, that the Summary Report will be available for review and inspection, free of charge, at the following locations:

- 1. *Technical Services Department***
Town of Hawkesbury
600 Higginson Street
Hawkesbury, Ontario
K6A 1H1
Tel. (613) 632-0106, ext. 2020

- 2. *Hawkesbury Public Library***
550 Higginson Street
Hawkesbury, Ontario
K6A 1H1

- 3. *Town's website*** www.hawkesbury.ca

Furthermore, a copy of the Summary Report will also be forwarded to the Township of Champlain.

This 2009 Summary Report has been prepared on March 25, 2010 and will be submitted to the Municipal Council of the Corporation of the Town of Hawkesbury within the next three months.

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APPENDIX “A”

WATERWORKS DATA 2009