



**2014**  
**WATERWORKS**  
**SUMMARY REPORT**  
(January 1, 2014 to December 31, 2014)

**PREPARED BY:**

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**SUBMITTED ON:**

**February 10, 2015**

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# CORPORATION OF THE TOWN OF HAWKESBURY

## 2014 WATERWORKS SUMMARY REPORT

(January 1, 2014 to December 31, 2014)

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### 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.

There are 3867 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 765 water services, the Village of l'Original with 560 water services and Laurentian Park with 40 water services for a total of 1,365 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 the new program for Municipal Drinking Water Licensing OAP 177. We have been assessed by NSF-ISR and found to be in conformity with Ontario's Drinking Water Quality Management Standard. The scope of registration for the DWQMS is Entire Full Scope Accreditation and the expiration date is February 20, 2016.

We also have a Permit to Take Water # 6624-9KBRAJ, Reference Number: 0288-9GHSSQ, issued on May 22, 2014 in accordance with Section 34 of the Ontario Water Resources Act. This permit is valid until May 21, 2024.

4. **RATED CAPACITY AND FLOW RATES**

- a) Under Schedule C section 1 of the Municipal Drinking Water License #177-101, the rated capacity at the Hawkesbury Water Filtration Plant is as follows:

Maximum Daily Volume of Treated water = 27,275 m<sup>3</sup>/day as per the 1996 design.

Based on the 2014 Total water production data, the maximum daily water production was in October 18, 2014 at 10,029 m<sup>3</sup>/day. This is well under the Maximum Daily Volume rate allowed.

See Appendix "A" for Waterworks Data 2014.

- b) Under the Permit to Take Water no. 6624-9KBRAJ, the rate of taking for the Town of Hawkesbury is as follows:

Maximum Rate of Taking = 25,003 L/min = 25 m<sup>3</sup>/min  
Maximum Rate of Taking = 20,000,000 L/day = 20 000 m<sup>3</sup>/day

Based on the 2014 raw water consumption data, the highest rate of taking water (peak) was June 10, 2014 for 21,215 m<sup>3</sup>/day for about 1 minute. The total water production for that day was 7,288 m<sup>3</sup>.

See Appendix "A" for Waterworks Data 2014.

## 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](http://www.hawkesbury.ca)

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

This 2014 Summary Report has been prepared on February 10, 2014 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 2014**