



2016
WATERWORKS
SUMMARY REPORT
(January 1, 2016 to December 31, 2016)

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CORPORATION OF THE TOWN OF HAWKESBURY

2016 WATERWORKS SUMMARY REPORT

(January 1, 2016 to December 31, 2016)

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 (MDWL) 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. We had renew our MDWL on 2016-02-12 and the Licence Expiry Date is 2021-02-10.

We also have a Permit to Take Water # 6624-9KBRAJ, Reference Number: 0288-9GHSSQ, issued on May 22, 2016 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 m³/day as per the 1996 design.

Based on the 2016 Total water production data, the maximum daily water production was in August 26, 2016 at 8,810 m³/day. This is well under the Maximum Daily Volume rate allowed.

See Appendix "A" for Waterworks Data 2016.

- 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 m³/min
Maximum Rate of Taking = 20,000,000 L/day = 20 000 m³/day

Based on the 2016 raw water consumption data, the highest rate of taking water (peak) was April 16, 2016 for 18016 m³/day for about 1 minute. The total water production for that day was 6,412 m³.

See Appendix "A" for Waterworks Data 2016.

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 2016 Summary Report has been prepared on February 09, 2017 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 2016