



# TOWNSHIP OF NORTH HURON

# REPORT

Item No.

**REPORT TO:** Reeve Vincent and Members of Council  
**PREPARED BY:** Jeff Molenhuis, Director of Public Works  
**DATE:** 04/07/2016  
**SUBJECT:** 2015 Water and Wastewater Annual Reports  
**ATTACHMENTS:** Wingham Water Annual Report 2015  
Blyth Water Annual Report 2015  
Wingham Wastewater Treatment Plant Annual Report 2015  
Blyth Wastewater Treatment Plant Annual Report 2015

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## **RECOMMENDATION:**

THAT the Council of the Township of North Huron hereby receive the 2015 Water and Wastewater Annual Reports for information.

## **EXECUTIVE SUMMARY**

Under the Safe Drinking Water Act, the Operating Authority of a regulated drinking water system has mandatory reporting requirements to the Owner of the system.

Within each Certificate of Approval for the wastewater treatment plants in Wingham and Blyth issued under the Ontario Water Resources Act, the Operating Authority is required to report on performance to the Owner of the facility.

The 2015 annual reports for water and wastewater for the reporting period of January 1, 2015 to December 31, 2015 are posted on the Township website for public viewing.

## **DISCUSSION**

### **Regulated Drinking Water Systems**

The Township of North Huron is the Owner of the Wingham drinking water system and the Blyth drinking water system. Annual Ministry (MOECC) inspections were completed in December 2015 for both systems. The following is pertinent information from the 2015 reporting period:

Wingham: Ministry inspection identified three non-compliance issues; one being rectified immediately and the other two requiring follow-up with regular reporting to the Ministry. Lead sampling will be conducted during the 2016 reporting year. No adverse water quality reports, Boil Water Advisories or Drinking Water Advisories to note within the reporting year. The system reached a total peak flow of 18.6% of the rated system capacity, and an annual average of 11% of the rated system capacity

Blyth: Ministry inspection identified one non-compliance issue which was rectified with corrective action. There was one adverse water quality report in February, which was cleared following re-sampling. One precautionary Boil Water notification was issued to 14 users in January as a result of a watermain break. The notification was in place for two days. The

system reached a total peak flow of 70.5% of the rated system capacity, and an annual average of 36.6% of the rated system capacity.

#### Wastewater Treatment Facility Performance

The Township of North Huron is the Owner of the Wingham Sewage Treatment Plan and the Blyth Sewage Treatment Plant. The following is pertinent information from the 2015 reporting period:

Wingham: The facility received an annual average daily flow of 57% of the rated daily capacity over the operating year.

There were zero by-pass events throughout the year. The plant operated generally within Regulatory Compliance limits. There were 6655 cu.m of bio-solids generated at the facility resulting from treatment of sewage waste. No complaints were received as a result of the operation of the facility.

Blyth: The facility received an annual average daily flow of 54% of the rated daily capacity over the operating year.

There were five by-pass events throughout the year, with 0.3% of the annual volume being by-passed. The plant operated within Regulatory Compliance limits. There were 696 cu.m of bio-solids generated at the facility resulting from treatment of sewage waste. No complaints were received as a result of the operation of the facility.

Further detailed system and facility reports for water and wastewater respectively are attached for your information.

#### **FINANCIAL IMPACT**

No financial impact at this time.

#### **FUTURE CONSIDERATIONS**

In 2015, the Operating Authority for North Huron's water and wastewater systems in Wingham and Blyth were comprised of Township staff. In 2016, the Operating Authority for both water and wastewater transitioned to Veolia Water. Annual reporting will be submitted to Township staff by Veolia staff for 2016. Township staff will continue to report to Council on performance of water and wastewater systems.

#### **RELATIONSHIP TO STRATEGIC PLAN**

Goal #2 of the Township Strategic Plan is for our residents to be engaged and well informed. Goal #3 is that our community is healthy and safe. Goal #5 is that our natural environment is valued and protected.