



TOWNSHIP OF NORTH HURON

REPORT

Item No.

REPORT TO: Reeve Vincent and Members of Council
PREPARED BY: Jeff Molenhuis, Director of Public Works
DATE: 03/04/2017
SUBJECT: North Huron - Water and Wastewater Annual Reports for 2016
ATTACHMENTS: Wingham Water Annual Report 2016
Blyth Water Annual Report 2016
Wingham Wastewater Treatment Plant Annual Report 2016
Blyth Wastewater Treatment Plant Annual Report 2016

RECOMMENDATION:

THAT the Council of the Township of North Huron hereby receive the 2016 Water and Wastewater Annual Reports for Blyth and Wingham systems produced by Veolia Water Canada for information purposes.

EXECUTIVE SUMMARY

Under the Safe Drinking Water Act, the Operating Authority (Veolia Water Canada) of a regulated drinking water system has mandatory reporting requirements to the Owner (North Huron) 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 2016 Annual Reports for Water and Wastewater for the reporting period of January 1, 2016 to December 31, 2016 are will be 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 2016 for both systems. The following is pertinent information from the 2016 reporting period:

Wingham: The most recent Ministry of Environment inspection was completed by Matt Shannon on October 13, 2016 and there were no non-compliances noted. There was one adverse water quality event occurred in 2016 under AWQI 131208 due to a new water main replacement which was not yet in service, which was cleared following re-sampling.

Blyth: The most recent Ministry of Environment inspection was completed by Matt Shannon on November 5, 2016. There were no non-compliances noted. Well 5 was brought into online production on December 21, 2016. There was one adverse water quality report in 2016, which was cleared following re-sampling.

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 2016 reporting period:

Wingham: The facility received an annual average daily flow of 68% 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. 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 due to heavy precipitations. Secondary bypassing took place in 2016 where the raw sewage flows during significant rain and snowmelt events exceeded the capacity of the sand filter. The plant operated within Regulatory Compliance limits. 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 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.



Jeff Molenhuis, Director of Public Works



Sharon Chambers, CAO