



# INFORMATION REPORT

<b>To:</b>	Mayor Strathdee and Members of Council
<b>Prepared by:</b>	Dave Blake, Environmental Services Supervisor
<b>Date of Meeting:</b>	13 March 2018
<b>Subject:</b>	<b>PW 13-2018 Summary Report for the Wastewater System</b>

## INFORMATION

To update Council regarding the recent submission of the 2017 Annual Wastewater Treatment Plant report to the Ministry of Environment and Climate Change (MOECC) and to summarize key aspects within the annual report for Council.

## RECOMMENDATION

THAT report PW 13-2018, Summary Report for the Wastewater System be received for information.

## BACKGROUND

The Town is required to submit an annual report to the MOECC prior to March 31 of each year for the previous year's plant operations. Each year this report is prepared by Ontario Clean Water Agency (OCWA) and submitted to the MOECC on the Town's behalf.

## REPORT

In 2017, the St. Marys Wastewater Treatment Plant (WWTP) provided effective wastewater treatment. The following is a summary of information presented within the annual report:

- The annual average daily flow was 4,225 m<sup>3</sup>/day, or 76% of the plant's rated design capacity of 5,560m<sup>3</sup>/day;
- The total flow treated at the plant in 2017 was 1,542,384 m<sup>3</sup>;
- Flows treated by the treatment plant increased approximately 4% compared to 2016;
- Operational Difficulties were encountered in 2017 due to high strength effluent loadings;
- 3,408 m<sup>3</sup> of Biosolids were hauled from the plant and applied to agricultural lands or to storage;
- Biosolids analysis showed that the Biosolids met the quality criteria specified in the Ontario Guidelines for Sewage Biosolids Utilization on Agricultural lands;
- There were no primary or secondary bypass events which took place in 2017;
- There were no formal odour complaints with regards to plant operations received in 2017;
  - The Town is aware of odour issues associated with the WWTP and is currently investigating options to reduce odour sources. Notices of odour issues were received from nearby businesses in 2017, however were typically provided after the event which limited ability to investigate odour sources.
- ECA Discharge limits were met at the facility in 2016 with the exception of the following:
- No spills were encountered at the facility in 2017.

## SUMMARY & IMPLICATIONS

There are no implications related to the submission and review of the 2017 Annual Report for the Wastewater Treatment Plant. Staff time allocated for the preparation and review of the report was allocated for as part of the 2017 annual budget.

## STRATEGIC PLAN

Not applicable to this report.

## OTHERS CONSULTED

Jed Kelly, Director of Public Works – Town of St. Marys  
Renee Hornick, Operations Manager – Ontario Clean Water Agency

## ATTACHMENTS

1. 2017 Summary Report for the Wastewater Treatment Plant

## REVIEWED BY

### Recommended by the Department



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Dave Blake, C.E.T.  
Environmental Services Supervisor



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Jed Kelly  
Director of Public Works

### Recommended by the CAO



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Brent Kittmer  
CAO / Clerk