

## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

December 2018

Prepared by: Veolia Water

#### INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **December 2018**.

#### WASTEWATER SYSTEM

##### Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available on request.

##### Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **November** the total influent flow was **127,068** cubic meters, with an average daily flow of **4,039** cubic meters.

**594** cubic meters of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

##### Treated Flows:

The treated flows were **125,545** cubic meters, with an average daily flow of **4,050** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

Dec 3- Flushed the raw sludge piping, Unclogged raw sludge pump 1, took the chlorination system offline, unclogged raw sewage pump 3, calibrated the pH meter, tested the chlorine gas alarm, unclogged raw sewage pump 1, cleaned the dissolved oxygen probe  
Dec 4- Flushed the sludge circulating line  
Dec 6- Replaced a broken ball valve on the digester decant line  
Dec 10- Rolan inc on site to service the generator, test ran the boiler during the generator service  
Dec 17- Calibrated the pH meter  
Dec 18- Changed the oil in the air compressor, Unclogged raw sewage pump #3  
Dec 19- Removed the motor for the lab vent fan and ordered a new one, repaired the electrical covers on the water heater  
Dec 20- Added oil to the sludge circulating pump  
Dec 21- Unclogged raw sewage pump #1  
Dec 27- Unfroze the effluent auto-sampler line and replaced a broken section  
Dec 28- Generator shut down while pumping down the wet well, all equipment reset normally, unclogged raw sewage pump #1  
Dec 29- ALARM- Low bio-gas alarm, adjusted the Primary Clarifier Valving.  
Dec 31- Flushed the raw sludge lines

### Regulatory

There were no Regulatory issues for this reporting period.

### Collection System Maintenance/Services:

No issues for the reporting period.

## **WATER SYSTEMS**

### **DWQMS:**

December 7 - An Annual Management and Infrastructure Review was completed by Jamie Morgan - Director of Operations, and Scott Gowan - Veolia Water Project Manager.

### **Lake Rosalind:**

#### Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available on request.

### Regulatory

There were no Regulatory issues for this reporting period.

### Maintenance/Services Performed

December 12 - Monthly test run of Generator.

**Chepstow:**Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available on request.

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

December 11 - Monthly test run of Generator.

December 11 - Completed monthly UV reference sensor check.

December 11 - Cleaned the UV Intensity Sensor Sleeve

**Walkerton Water**Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available on request.

Regulatory

There were no Regulatory issues for this reporting period.

Consumer Requests and Actions Completed:

All requests have been faxed to the Municipal Office

Maintenance/Services Performed

December 3 - While filling the South Standpipe a vibration noise was noticed from the mixer. Discontinued fill the standpipe and inspected the tower mixer. The tower mixer appears to be damage. This is suspected to have happened during the rehabilitation work that was being completed by Landmark.

December 3 - Monthly test run of South Booster Station Generator.

December 3 - Monthly test run of North Booster Station Generator.

December 7 - Completed reference sensor check for UV system.

December 10-12 - Filled South Standpipe and collected a water sample.

December 13 - Repaired a leak on the supply water for the chlorination system.

December 14 - Monthly test run of Well 7 and 9 Generator.

December 17 - After receiving a clean result from the South Standpipe, it was returned to service.

December 25 - Repaired a water main break on the Durham St East hill (716 Durham St East)

December 27 - Repaired a water main break on South St. near Robinson St.

December 27 - Repaired a water service leak at Superior Propane (Corner of Geeson and Hwy. 9)