

## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

March 2019

Prepared by: Veolia Water

#### INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **March 2019**.

#### 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 **March** the total influent flow was **159,966** cubic meters, with an average daily flow of **5,160** cubic meters.

No leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

##### Treated Flows:

The treated flows were **160,972** cubic meters, with an average daily flow of **5,193** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

- March 1- Cleaned and flushed the North grit air lift tube
- March 6- Unclogged the North Girt Air Lift Tube, removed the built up ice on the clarifier cross collectors and the step screen, greased all 3 primary clarifier air valves
- March 8- Flushed all 3 raw sludge lines, unclogged raw sewage pump #1 and #2
- March 9- **ALARM**- Generator failed, Rolan inc & RKS Electric solved the issue with the generator, aeration mixers 3&4 faulted due to excessive ice build up (removed all built up ice),
- March 13- Digester Decant line plugged, Augered and flushed the digester decant line (issue unresolved)
- March 14- Flushed and camera'd the digester decant line (found it was completely blocked with calcite), set up a temporary digester decant line, **ALARM**- High Inlet Flows
- March 15- Unclogged all 3 Raw Sewage pumps
- March 18- Completed annual on site valve exercising
- March 19- Emptied & cleaned/inspected the South contact tank, received a load of ferric
- March 20- Put the South contact tank into service, emptied & cleaned/inspected the North contact tank, Troy's Plumbing & Heating on site to complete annual backflow preventer testing, flushed all 3 raw sludge lines, put the North contact tank back into service
- March 21- Unclogged raw sewage pump #2, RKS electric on site to investigate the issue with primary clarifier #3 cross collector
- March 25- RKS Electric replaced the conduit & wiring for Primary Clarifier #3 cross collector, removed one of the seized gates in final clarifier #3, calibrated the pH meter
- March 27- Took apart some of the digester piping and was able to get the decant line flowing at a minimal rate, replaced a burnt out chlorine gas alarm indicator light
- March 28- Troy's plumbing and heating on site to auger and flush the digester decant line. Cameraed the decant line after the work was completed and the issue appears to be resolved. Put the chlorination system online at a minimal rate to prepare for April 1. Replaced chlorine head #2 with a rebuilt one due to a small leak. Removed the remaining mechanical actuators on all of the final clarifier #3 gates to prepare them for removal. Removed another seized gate from final clarifier #3. Put the digester decant line back together and put it back in service. Unclogged Raw Sewage pump #2.
- March 29- Changed the reagents in the CL-17 chlorine analyzer, removed a seized gate from final clarifier #3

### Regulatory

There were no Regulatory issues for this reporting period.

### Collection System Maintenance/Services:

No issues for the reporting period.

## **WATER SYSTEMS**

### **DWQMS:**

No new items to report

**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

March 13 - 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

March 12 - Monthly test run of Generator.

March 12 - Completed monthly UV reference sensor check. Also cleaned UV sensors.

March 21 - Repaired a small leak on the chlorine board. Also made a repair to the 2 inch water piping.

**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

March 1 - Completed reference sensor check for UV system.

March 4 - Repaired a water main in front of 712 Durham Street East

March 13 - Monthly test run of Well 7 and 9 Generator.

March 14 - Monthly test run of South Booster Station Generator.

March 14 - Monthly test run of North Booster Station Generator.

March 28 - Replaced a faulty electrical contactor for UV disinfection Unit #2