



## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

October 2018

Prepared by: Veolia Water

#### INTRODUCTION

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

#### WASTEWATER SYSTEM

##### Operational Parameters:

All Results entered into the Hach WIMS database, and is available on request.

##### Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **October** the total influent flow was **85,837** cubic meters, with an average daily flow of **2,769** cubic meters.

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

##### Treated Flows:

The treated flows were **87,862** cubic meters, with an average daily flow of **2,599** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

Oct 1- Had to reset blower 2, RKS came on site to look at blower 2  
Oct 4- Flushed the raw sludge lines, Unclogged raw sludge pump #1  
Oct 5- Added 2L of coolant to the south side reservoir on the generator, Generator shut down- Henry from Rolan inc investigated the issue remotely, Unclogged Raw Sewage Pump 3  
Oct 9- Replaced a leaking ball valve on the hot water heater, greased primary clarifier 2, greased the effluent pump, put aeration tanks 3&4 online  
Oct 10- Flushed and cleaned the siphon tubes on floating carriage #3  
Oct 11- Installed the new heating element in the water heater  
Oct 12- Cleaned the DO probe, Mike from Dewar electric on site to investigate the issue with Raw Sewage Pump 2  
Oct 15- Greased primary clarifier 3, greased aeration tank 3&4 mixers, took final clarifier 4 out of service for cleaning/inspection, re-positioned the idler wheel on final 2 cross collector  
Oct 18- Unclogged Raw Sewage Pump 1  
Oct 19- Installed the rebuilt stoppers on the new drive cable for final 3 floating carriage  
Oct 22- Calibrated the pH meter, greased all 4 final clarifiers, changed the oil in the drive motors for final clarifiers 3&4  
Oct 29- Unclogged Raw Sewage Pump 3, took aeration tank 1 offline, started filling final clarifier 4 with effluent water, ALARM- Wet well A Level sensor stopped working  
Oct 30- Reset wet well A level sensor, Rolan inc on site to service the generator, dewar electric on site to quote a vfd for Raw Sewage Pump 2  
Oct 31- Effluent pump stopped working - took it apart and found the impeller came off of the shaft will have to rebuild it, Tim from ICS on site to work on wet well alarms

### 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 entered into Hach WIMS database

### Regulatory

October 24 - Following the installation of the new Well #1 flow meter the Permit to Take Water flow rate was exceeded for approximately 45 minutes. The MOE was notified and has not requested further action at this time.

Maintenance/Services Performed

October 10 - Monthly test run of Generator.

October 24 - A new Well #1 raw water flow meter was installed.

**Chepstow:**Operational Parameters:

All Results entered into Hach WIMS database

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

October 1 - New UV unit #2 was installed by H2Ontario.

October 10 - Monthly test run of Generator.

October 15 - H2Flow was on site to commission and provide training on new UV disinfection systems.

**Walkerton Water**Operational Parameters:

Results in Hach WIMS

Regulatory

October 11 - Received an adverse test result for a bacti sample in the distribution system.

Resampled the location as well as upstream and downstream. All resample results came back free of bacteriological contamination.

Consumer Requests and Actions Completed:

All requests have been faxed to the Municipal Office

Maintenance/Services Performed.

October 1 - Finished draining South Standpipe for painting/upgrades.

October 3 - Repaired a water leak on Maple Street.

October 3 - Replaced the curb stop at apartment located at 13 Colbourne Street.

October 9 - Monthly test run of South Booster Station Generator.

October 9 - Monthly test run of North Booster Station Generator.

October 11 - Monthly test run of Well 7 and 9 Generator.

October 11 - A curb stop and box was installed at 4 Marco Street.

October 12 - Completed reference sensor check for UV system