

## **MUNICIPALITY OF BROCKTON**

### **MONTHLY REPORT**

**June 2019**

Prepared by: Veolia Water

#### **INTRODUCTION**

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **June 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 **June** the total influent flow was **112,814** cubic meters, with an average daily flow of **3,761** cubic meters.

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

##### Treated Flows:

The treated flows were **111,626** cubic meters, with an average daily flow of **3,721** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

- June 3- Completed monthly safety inspections, inspected blower 1
- June 4- Finished cleaning out aeration tank 3, ran the bio-gas generator, replaced 2 cracked ball valves on the grit air lift tubes with gate valves, tested the low bio-gas pressure alarms, changed the oil in blower #1
- June 7- Finished cleaning aeration tank #4
- June 10- Completed air compressor maintenance, tested and inspected the digester roof overflow, inspected blower #1, took final clarifiers 1&2 offline and started pumping them down, replaced a cracked ball valve on the effluent system
- June 11- Dewar electric on site to adjust some parameters on the new variable frequency drive for raw sewage pump #2
- June 12- RKS electric on site to work on the lighting for the control building, changed the oil in the gearboxes for final clarifiers 1&2, inspected the digester gas piping for leaks
- June 20- Cleaned the Dissolved Oxygen analyzer, ICS on site to calibrate the raw sewage flowmeter
- June 21- Calibrated the pH meter, tested the chlorine gas alarm
- June 24- Changed the oil in the air compressor, greased all 3 raw sludge valves, changed the oil in primary clarifiers 1,2 and 3 cross collector gearboxes, put the bio-gas generator online, flushed the raw sludge lines
- June 25- Changed the oil in the gearbox for the chain and flight for primary clarifier 3
- June 26- Unclogged the South grit tube
- June 27- 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:**

No new items to report

### **Operational Parameters:**

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

**Lake Rosalind:**Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

June 12 - Monthly test run of Generator.

June 24 - ICS Instrumentation completed annual flowmeter verifications

**Chepstow:**Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

June 12 - Monthly test run of Generator.

June 12 - Completed monthly UV reference sensor check. Also switched duty UV units.

June 24 - ICS Instrumentation completed annual flowmeter verifications

**Walkerton Water**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

June 3 - Completed reference sensor check for UV system.

June 4 - Monthly test run of South Booster Station Generator.

June 4 - Monthly test run of North Booster Station Generator.

June 6 - Repaired a water main break in front of 708 Durham Street.

June 10 - A contractor was called in to repair the block heater for the North Booster Station

June 11 - Lotowater completed Well 9 repair work.

June 12 - Monthly test run of Well 7 and 9 Generator.

June 12 - A faulty contactor was replaced for UV 2. This was covered under warranty, as it had recently been replaced.

June 24 - ICS Instrumentation completed the flowmeter verifications for Well 7 and Well 9

June 25 - Dewars Electric were on site to install the replacement VFD for one of the 100 HP Booster Pumps. During the visit a wire was crossed which caused damaged the VFD for the Jockey Pump and a SCADA input card. Dewars Electric replaced both items at their cost.