

## **MUNICIPALITY OF BROCKTON**

### **MONTHLY REPORT**

**August 2019**

Prepared by: Veolia Water

#### **INTRODUCTION**

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

#### **WASTEWATER SYSTEM**

##### Operational Parameters:

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

##### Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **August** the total influent flow was **77,853** cubic meters, with an average daily flow of **2,511** cubic meters.

94.5 m<sup>3</sup> of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

##### Treated Flows:

The treated flows were **77,153** cubic meters, with an average daily flow of **2,489** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

- August 1- Flushed the raw sludge lines
- August 2- Replaced tubing and fittings on the CL-17 chlorine analyzer
- August 3- Reset the CL-17 chlorine analyzer
- August 6- Main air compressor stopped working (will have the motor sent to Wayne's Electric), replaced a broken tension pin on the water drain trap in the vault for the gas line, re-constructed the piping for the chlorine analyzer
- August 7- Replaced a broken fan belt on the exhaust fan for the digester building and greased the motor, Unclogged raw sewage pump #1, greased all 3 raw sewage pumps
- August 12- Changed the reagents in the chlorine analyzer, changed the waterline filter on the boiler, cleaned the dissolved oxygen probe, calibrated the pH meter, greased Return Activated Sludge pump 1 and Raw Sludge pump #2, removed 2 old style gates for final clarifier #4 to prepare to retrofit them with new style gates, BM Ross on site to discuss the upcoming effluent UV project
- August 13- Removed the last 2 old style gates for final clarifier #4 to prepare for retrofitting, removed the broken air compressor motor and took it to Wayne's electric to be rebuilt, installed new water and oil drain lines on the air compressor in the boiler room
- August 15- Unclogged Raw Sewage pump #2
- August 16- Tested the online chlorine gas alarm
- August 19- Greased the effluent pump, greased all 3 raw sludge valves, changed the oil in the sludge circulating pump, test ran the bio-gas generator, emptied and cleaned the Return Activated Sludge channels for final clarifiers 3&4
- August 20- Metro pumps on site to rebuild the seal for Return Activated Sludge pump #3 (seal still leaking after repair and another site visit is scheduled)
- August 21- Installed the rebuilt air compressor motor on the air compressor in the boiler room
- August 22- Flushed the digester decant lines
- August 23- Finished retrofitting the last 3 gates for final clarifier #4, flushed the raw sludge line
- August 25- Microage on site to fix a network issue
- August 26- Replaced several fittings on the chlorine analyzer
- August 28- Replaced all of the tubing for the chlorine analyzer
- August 29- Price Schonstrom on site to start rebuilding the cross collectors in primary clarifiers 1&2
- August 30- Replaced the sensor cap for the online Dissolved Oxygen probe, Replaced the lab sink cartridges

### 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 upon request.

**Lake Rosalind:****Regulatory**

There were no Regulatory issues for this reporting period.

**Maintenance/Services Performed**

August (throughout) - Assisted with sampling program of the raw wells as part of a study with the University of Guelph.

August 14 - Monthly test run of Generator.

**Chepstow:****Regulatory**

There were no Regulatory issues for this reporting period.

**Maintenance/Services Performed**

August 13 - Monthly test run of Generator.

August 13 - Completed monthly UV reference sensor check. Also switched duty UV units.

**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**

August 1 - Completed reference sensor check for UV system.

August 1 - Monthly test run of South Booster Station Generator.

August 1 - Monthly test run of North Booster Station Generator.

August 13 - Had an issue with UV Sensor for Unit #1. Replaced UV sensor with spare, and sent the defective unit out for recalibration.

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

August 30 - Replaced bulb for UV Transmittance Analyzer