

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

July 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **July 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 **July** the total influent flow was **92,005** cubic meters, with an average daily flow of **2,968** cubic meters.

108 m3 of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

Treated Flows:

The treated flows were **90,920** cubic meters, with an average daily flow of **2,933** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- July 2- Completed semi annual exhaust fan maintenance, calibrated the pH probe, tested/inspected the digester roof overflow, completed the air compressor maintenance, inspected blower 1
- July 4- Reset the drywell SCADA pack
- July 5- Ran blower 2 for the day
- July 8- ICS on site to calibrate the final effluent flowmeter, completed air compressor maintenance, tested/inspected the digester roof overflow, inspected blower 1
- July 15- Completed air compressor maintenance, tested and inspected the digester roof overflow, inspected blower 1, tested the chlorine gas alarm, cleaned the online dissolved oxygen probe, switched the ferric pump duty, calibrated the pH probe
- July 17- Changed the oil in the gearboxes for primary clarifier 1&2 flights
- July 18- Installed the new effluent pump and tested it, ALARM- low chlorine
- July 19- Reset and cleaned the chlorine analyzer, adjusted the feed rate to the chlorine analyzer, Sump pump in the digester basement stopped working (set up a temporary pump until it can be replaced)
- July 22- Reset the flare stack, completed weekly digester overflow and blower inspections, completed weekly air compressor maintenance, changed the oil in Return Activated Sludge pump #2, replaced the sump pump in the digester basement, replaced a broken valve on the effluent system, started reinstalling Return Activated Sludge pump #3
- July 25- RKS electric on site to wire in the new digester sump pump, Price Schonstrom on site to align the motor for Return Activated Sludge pump #3, test ran Return Activated Sludge pump #3 and found a leak on the new mechanical seal, Metro pumps on site to investigate the mechanical seal leak on Return Activated Sludge pump #3 (they will have to come onsite to replace the seal), unclogged Raw Sewage Pump #2
- July 29- Completed weekly blower and digester overflow inspections, completed air compressor maintenance, calibrated the pH meter
- July 30- Test ran the bio-gas generator

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

July 11 - Met at the Riverview Estates Sewage Pumping Station with Wellington Construction and Cobide Engineering. Veolia Operator phone numbers were entered into the alarm system, and we were informed that the station is now receiving sewage from 1 residence.

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

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

July 16 - Monthly test run of Generator.

Chepstow:

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

July 14 - Received low pressure alarm in Chepstow, switch UV to manual operation.

July 17 - Monthly test run of Generator.

July 17 - 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

July 2 - Completed reference sensor check for UV system.

July 15 - Monthly test run of Well 7 and 9 Generator.

July 17 - Monthly test run of South Booster Station Generator.

July 17 - Monthly test run of North Booster Station Generator.

July 24 - H2Flow was on site to perform bi-annual UV servicing.

July 26 - A water main break was repaired off of Wallace Street behind the Work Dept. Shop.