

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

October 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **October 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 **October** the total influent flow was **78,910** cubic meters, with an average daily flow of **2,546** cubic meters.

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

Treated Flows:

The treated flows were **81,976** cubic meters, with an average daily flow of **2,644** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- Oct 1- Organix Matters hauling sludge, Gas Logics on site to look at the flare stack (they found a broken ignitor), flushed the raw sludge line
- Oct 7- Organix Matters hauling sludge
- Oct 8- Finished hauling sludge and also finished cleaning the holding tank, started replacing some of the broken air diffusers in the holding tank
- Oct 9- Calibrated the pH meter, test ran the generator, took Return Activated Sludge pump #3 out of service to have the mechanical seal investigated again
- Oct 10- Reset the boiler, RKS electric on site to relocate the receptacle in the step screen room and also to install new receptacles by aeration tanks 3&4, cleaned and flushed the North air header and diffusers in the holding tank
- Oct 11- tested to chlorine gas alarm, greased primary clarifier #2
- Oct 15- Finished flushing and cleaning the remaining air headers and diffusers in the holding tank
- Oct 16- Greased primary clarifier #3, greased the fixed mixers for aeration tanks 3&4, Troy's plumbing and heating on site to install a hot water line in the step screen room
- Oct 17- Fabricated and installed a new gate so that final clarifiers 3&4 can be isolated at the same time
- Oct 18- Floating mixer 2B stopped working
- Oct 21- Greased blower #2, Greased all 4 final clarifiers
- Oct 22- Replaced a broken check valve on the south airline in the holding tank
- Oct 23- Metro pumps on site to replace the mechanical seal in Return Activated Sludge pump #3, finished installing the new gate seals for final clarifiers 3&4, resolved the electrical issue with floating mixer 2B, greased floating mixer 2B and also replaced 2 anchor clips
- Oct 25- ALARM- No flow/low flow
- Oct 28- Price Schonstrom on site to finish installing the new wear ring in Raw Sewage pump #1, Hetek on site to calibrate the gas monitors
- Oct 29- Raw Sewage pump #1 started leaking from the mechanical seal, Price Schonstrom on site to investigate/quote the mechanical seal for Raw Sewage pump #1, Hays electric on site to quote a new variable frequency drive for Blower #1, changed the oil in the gear boxes for the floating carriages in final clarifiers 3&4
- Oct 31- Put aeration tanks 3&4 online, Price Schonstrom installed the new sprocket and tensioner for the cross collector in primary clarifier #1, unclogged Raw Sewage pump #2

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

October 31 - Fosters flushed the sewer line in front of 4 Colbourne Street due to a blockage.

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

October 9 - Monthly test run of Generator.

Chepstow:**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

October 10 - Monthly test run of Generator.

October 10 - Completed monthly UV reference sensor check.

October 22 - Repaired a leak in the PVC piping above the well head.

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

October 1 - Completed reference sensor check for UV system.

October 6 - Repaired a water main break on Bruce Road 4 near Sideroad 5.

October 8 - Monthly test run of North Booster Station Generator.

October 8 - Monthly test run of South Booster Station Generator.

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

October 18 - South Tower was emptied and the repaired mixer was installed.

October 21 - Repaired a water service leak in front of 105 Colbourne St. North

October 31 - After receiving sample results the South Tower was returned to service.