

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

September 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **September 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 **September** the total influent flow was **73,218** cubic meters, with an average daily flow of **2,441** cubic meters.

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

Treated Flows:

The treated flows were **73,012** cubic meters, with an average daily flow of **2,434** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- Sept 3- Keytech on site to inspect the boiler, drained the boiler expansion tank
- Sept 4- Added molyfilm to the boiler, changed the oil in aeration tank 3 fixed mixer gearbox
- Sept 5- Cleaned the dissolved oxygen probe, Price Schonstrom on site to rebuild the cross collectors in primary clarifiers 1&2, Unclogged raw sewage pump 3
- Sept 6- Reset the flare stack, flushed the raw sludge lines, ICS on site to investigate the blower 1 ramping issue (RKS will have to investigate, not a SCADA issue)
- Sept 9- Brockton Asbestos inspection completed
- Sept 10- RKS electric on site to inspect blower 1 VFD (the suspect it needs replaced but, will investigate further), installed new safety railings in front of final clarifiers 3&4, Fosters sewer services on site to flush the digester decant line, they also vacuumed out the grit channel and scum pit by final clarifier #3, Replaced a broken electrical lockout switch for primary clarifier #2
- September 11- Reset the flare stack, tested the chlorine gas alarm and replaced the indicator light
- September 12- re-siphoned final clarifier #4 floating carriage
- Sept 13- Calibrated the pH meter, changed the oil in blower #1, received ferric
- Sept 16- Test ran the generator, took final clarifier #3 out of service for cleaning and inspection, reset the flare stack multiple times, found a gas leak in the digester building (resolved the issue)
- Sept 17- Replaced leaking tubing on ferric pump #2, ALARM- power outage
- Sept 18- Took final clarifier #4 out of service for cleaning and inspection, reset the flare stack and digester gas flow meter, unclogged raw sewage pump #3
- Sept 19- ALARM- low chlorine, Organix matters on site hauling holding tank sludge
- Sept 20- Flushed the raw sludge lines, reset the flare stack and digester gas flow meter, Fire Prevention Officer Chris Wells and WPI Safety on site to look at the asbestos around the plant
- Sept 23- Changed the oil in the air compressors, calibrated the pH meter, repaired a broken anchor cable for floating mixer 1A, completed annual step screen maintenance, rebuilt the leaking gas drip traps in the digester building
- Sept 24- Price Schonstrom on site to replace the wear ring in raw sewage pump 1
- Sept 25- Organix Matters on site hauling holding tank sludge
- Sept 26- Installed the rebuilt cross collector gearbox for primary clarifier 1
- Sept 27- Organix Matters on site hauling holding tank sludge, RKS on site to wire the rebuilt cross collector gearbox for primary clarifier 1
- Sept 30- Organix Matters on site hauling holding tank sludge

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

September 9-13 - Foster's Sewer Services completed annual Sewer Flushing.

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

September 6 - Completed seasonal flushing of the Lake Rosalind Distribution System

September 10 - Monthly test run of Generator.

Chepstow:

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

September 17 - Monthly test run of Generator.

September 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

September 2 - Repaired a water main break behind the Works Department Shop on Wallace St.

September 4 - Completed reference sensor check for UV system.

September 5 - Monthly test run of North Booster Station Generator.

September 6 - Monthly test run of South Booster Station Generator.

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

September 24 - Well 7 was removed from service due to issues with the controller circuit board.