

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

May 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **May 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 **May** the total influent flow was **141,684** cubic meters, with an average daily flow of **4,571** cubic meters.

94.5 cubic meters of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

Treated Flows:

The treated flows were **141,026** cubic meters, with an average daily flow of **4,549** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- May 1- Finished cleaning and inspecting primary clarifiers 1&2, Coldecotts and Price Schonstrom on site to work on quoting the refurbishment for primary clarifiers 1&2 cross collectors, replaced all of the tubing on the CL-17 chlorine analyzer, test ran the bio-gas generator, gardner denver on site to look at blowers 2&3
- May 3- Hetek on site to calibrate the gas monitors, added 24L of coolant to the bio-gas generator
- May 6- Unclogged the digester decant line, calibrated the pH meter
- May 7- Hach service technician on site to inspect the chlorine analyzer, installed a new pressure system on the effluent feed pump for the chlorine analyzer system
- May 8- Chlorine analyzer not working properly (installed the backup analyzer), took the grit chamber out of service and started pumping it down
- May 9- Finished emptying the grit chamber, Fosters sewer services on site to jetter the digester decant piping (it is now back in service), Foster's also vacuumed out the grit chamber/channel and also primary clarifiers 1&2 as well as the scum pit, flushed the digester decant line to ensure all sediment had been removed, reset the flare stack, fixed a leak in one of the chlorine gas chlorinator heads
- May 10- Price Schonstrom on site again to look at pricing the primary clarifier 1&2 cross collector refurbishment, greased all 3 raw sewage pumps, unclogged raw sewage pump #3
- May 13- Greased blower #2
- May 14- Greased raw sludge pump #2 and return activated sludge pump #1, changed the filter in the boiler
- May 16- Keytech on site to inspect the boiler
- May 17- Georgian Bay Fire Safety on site to inspect the fire extinguishers
- May 20- Final clarifier #4 floating carriage stopped working (contacted RKS electric)
- May 21- RKS electric replaced the motor on final clarifier #4 floating carriage also changed the gearbox oil during the motor swap, reset the primary digester gas totalizer
- May 22- Switched the duty ferric pump, reset the PLC in the dry well
- May 23- Unclogged the South grit air lift tube
- May 24- Unclogged raw sewage pump #2, calibrated the pH meter, cleaned the dissolved oxygen probe, tested the chlorine gas alarm system
- May 27- Took aeration tanks 3&4 offline and started pumping them out for inspection, Dan Wright on site to look at the generator to provide a price for the overhaul project
- May 30- Unclogged raw sewage pump #3
- May 31- Changed the oil in raw sludge pump #1, 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

May 15- Monthly test run of Generator.

Chepstow:**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

May 14 - Monthly test run of Generator.

May 14 - Completed monthly UV reference sensor check. Also switched 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

May 1 - Completed reference sensor check for UV system.

May 3 - The motor for Well #9 failed. Repairs are still in progress.

May 13 - Monthly test run of South Booster Station Generator.

May 13 - Monthly test run of North Booster Station Generator.

May 13 - Replaced batteries for North Booster Station Generator.

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