

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

November 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **November 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 **November** the total influent flow was **100,422** cubic meters, with an average daily flow of **3,347** cubic meters.

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

Treated Flows:

The treated flows were **100,810** cubic meters, with an average daily flow of **3,394** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- Nov 1- Greased Raw Sludge pump 2 and Return Activated Sludge Pump 1
- Nov 4- Calibrated the pH meter
- Nov 5- Cleaned the dissolved oxygen probe, greased all 3 raw sewage pumps, flushed the raw sludge lines, changed the waterline filter in the boiler
- Nov 11- Greased the effluent pump, finished pumping down and cleaning aeration tank 2, repaired multiple broken air diffusers in aeration tank 2, replaced all of the anchor clips on floating mixer 2B
- Nov 12- Changed the reagents in the chlorine analyzer, removed Return Activated Sludge pump 3 so it can be sent back to metro pumps to have the defective seal they installed replaced
- Nov 13- Put primary clarifiers 1&2 into service, also put final clarifiers 3&4 into service
- Nov 14- Hays electric on site installing the new variable frequency drive for blower 1
- Nov 15- Hays electric on site to finish installing the variable frequency drive for blower 1, emptied and cleaned the return activated sludge distribution box a removed a blockage from the outlet pipe, unclogged the North side grit air lift tube
- Nov 16- ALARM- No flow
- Nov 18- Calibrated the pH meter, Hays electric on site to adjust some parameters on the variable frequency drive for blower 1, took primary clarifier 3 offline, unclogged raw sludge pump 1, flushed the raw sludge lines
- Nov 19- Flushed both grit air lift tubes with effluent water, flushed the digester decant lines, finished pumping down and cleaning primary clarifier 3
- Nov 20- Took apart the piping for both grit air lift tubes and cleaned them, took primary clarifier 2 offline and removed the chain/flight gearbox and took sent it to be rebuilt
- Nov 21- Replaced some blocked tubing in the CL-17 chlorine analyzer, Fosters on site to remove the grit from aeration tank 2
- Nov 25- Put primary clarifier 3 online, also put aeration tank 2 online, flushed the lines in the chlorine analyzer
- Nov 26- Asbestos inspection completed, cleaned the intake filter for blower 2
- Nov 27- Flushed the raw sludge lines using effluent water

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

November 13 - Monthly test run of Generator.

Chepstow:**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

November 12 - Monthly test run of Generator.

November 12 - Completed monthly UV reference sensor checks.

November 27 - Repaired a leak on the pumphouse piping following the filters.

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

November 5 - The repaired Controller for Well 7's pump motor was installed.

November 13 - Completed reference sensor check for UV system.

November 14 - Monthly test run of North Booster Station Generator.

November 14 - Monthly test run of South Booster Station Generator.

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