

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

November 2020

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **November 2020**.

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 **84,974** cubic meters, with an average daily flow of **2,832** cubic meters.

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

Treated Flows:

The treated flows were **86,586** cubic meters, with an average daily flow of **2,886** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- November 4- RKS on site to connect the North East holding tank mixer - started emptying the south contact tank for inspection
- November 5- RKS on site to install the new online gas monitoring system - ALARM (power bump)
- November 6- Reset the blower, gas compressor and aeration mixer 4 - unclogged raw sewage pumps 2&3 - B.M. Ross on site to inspect the south contact tank - put the south contact tank back into service
- November 8- ALARM (low chlorine)
- November 9- Removed an air lock from return activated sludge pump 1
- November 12- Gas Logics on site to fix the digester gas flow meters - Hetek on site to calibrate the gas monitors
- November 13- Replaced all of the mixer anchor clips in aeration tank 1 - repaired 2 broken diffusers in aeration tank 1
- November 16- Unclogged the digester decant line - put aeration tank 1 back online - greased all of the raw sludge valves - put final clarifiers 3&4 online
- November 17- Unclogged raw sewage pumps 1&3 - reset the SCADA - test ran the bio-gas generator
- November 19- Price Schonstrom on site to install the South West holding tank mixer - replaced the belts on the raw sludge pump 1 and the sludge circulating pump
- November 20- Price Schonstrom on site to install new walkway grating in between aeration tanks 1&2
- November 21- Adjusted the sprocket on final 4 floating carriage
- November 25- Cleaned the boiler pilot light lens - RKS on site to rewire the raw sludge valve actuators to eliminate the unreliable indicator switches

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

Fisher Dairy Sewage Pumping Station

November Update: Steve Cobean was informed Nov 17 that the leak in the basement still needs to be repaired

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 10 - Monthly test run of generator.

November 10- RKS connected a temporary standby generator

November 10 - Calibrated turbidity analyzer

November 10- Cleaned the chlorine injection point

November 10- Took well 3 offline and Lotowater started the repair work

November 15- Power Outage

November 16- Lotowater completed the well work

November 16- Freiburgers removed the generator radiator and sent it away to have a new one built

November 17- Flushed well 3 and took a sample

November 19- Well 3 back in service

November 20- Freiburgers installed the new radiator for the standby generator

November 23- RKS reconnected the standby generator after the radiator was replaced

November 25- Replaced the electrolyte in the chlorine analyzer

Chepstow:**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

November 13- RKS Electric installed a Surge Protection device to protect the various electronics in the building.

November 15- Power Outage

November 18 - Monthly test run of Generator.

November 18 - Calibrated turbidity analyzer

November 18 - Completed monthly UV reference sensor checks.

November 18- Cleaned the UV sensor and sleeves

November 18- Completed monthly UVT testing

Walkerton Water

Regulatory

A MECP Inspection completed October 22. We are awaiting the results of the inspection

Consumer Requests and Actions Completed:

All requests have been faxed to the Municipal Office

Maintenance/Services Performed

November 11- Monthly test run of Well 7 and 9 Generator

November 11- Completed reference sensor check for UV system.

November 11- Monthly test run of North Booster Station Generator.

November 11- Monthly test run of South Booster Station Generator.

November 11- Calibrated Turbidity analyzer