

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

September 2020

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **September 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 **September** the total influent flow was **72,431** cubic meters, with an average daily flow of **2,414** cubic meters.

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

Treated Flows:

The treated flows were **69,377** cubic meters, with an average daily flow of **2,312** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- September 1- Disassembled blower 1 to replace a leaking shaft lip seal
- September 2- Unclogged raw sewage pump 2
- September 4- Fixed a leaking oil fitting on the sludge circulating pump
- September 8- Test ran the bio-gas generator
- September 9- Greased the effluent pump
- September 10- Unclogged raw sewage pump 3
- September 14- Replaced a section of steel walkway grating with new aluminum grating, made new flow gates for final clarifiers 1&2
- September 15- Organix Matters hauling holding tank sludge
- September 17- Unclogged raw sewage pump 1, reset the SCADA in the drywell, Organix Matters hauling holding tank sludge
- September 21- Greased blower 2 and all three raw sludge valves
- September 22- RKS disconnected the holding tank mixers and tested the truck loading pump, installed a new hot water heater
- September 23- RKS wired in the new hot water heater, replaced the lip seal in blower 1 and started putting it back together
- September 24- Unclogged raw sewage pumps 2&3
- September 28- Gas Logics installed a new digester waste gas meter and probe, ICS calibrated the flowmeters, put aeration tanks 3&4, calibrated the pH meter
- September 29- Replaced the 2" decant line in the holding tank

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

Fisher Dairy Sewage Pumping Station

September Update: *A site visit on September 3rd involving the pump supplier helped identify that the pumps were wired incorrectly. This was causing the pumps to run backwards. Since this was corrected there have been far fewer issues with the station. There was however still one pump failure in September that was caused by a blockage. There also have been pump failure alarms in early October. Another item that remains outstanding is a leak in the basement of the building. Although the station performance has improved Veolia's recommendation would be to hold off on assuming this station*

- September 1&2- Pump 2 still offline
- September 3- Contractor site meeting - Established the pumps were wired incorrectly and running backwards (Flushed the system once the pumps were re-wired)
- September 4- HEC vacuumed out and cleaned the station
- September 28- Pump 2 Failed- Unclogged the pump and put it back online

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**

A MECP Inspection was completed August 19.

September Update: The Inspection report was received with a 100% Compliance Rating.

Maintenance/Services Performed

September 9- Replaced the curb stop at house #417

September 16 - Monthly test run of generator.

September 16 - Calibrated NTU analyzer

Chepstow:**Regulatory**

A MECP Inspection completed September 21. We are awaiting the results of the inspection.

Maintenance/Services Performed

September 15 - New well pump and piping were installed. A video inspection was completed of the well.

September 16 - Sampled from the well after rehabilitation work was completed.

September 16 - Monthly test run of Generator.

September 16 - Calibrated NTU analyzer

September 16 - Completed monthly UV reference sensor checks.

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 1 - Monthly test run of Well 7 and 9 Generator

September 1 - Completed reference sensor check for UV system.

September 1- Calibrated NTU analyzer

September 2- Replaced the UVT Bulb

September 2- George St. water main break

September 2 - Monthly test run of North Booster Station Generator.

September 2 - Monthly test run of South Booster Station Generator.

September 4 - ICS Instrumentation calibrated the flowmeters for the Wells 7&9 and the North Booster Station

September 8- Rebuilt a chlorine gas head

September 9- Well 7&9 UV 2 sensor failure (replaced sensor)

September 9- Repaired a service leak on Durham St. E (711)

September 20- Repaired a leak on the temporary water line at 22 McGivern St.

September 25- Well 7&9 UV 2 sensor failure