

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

October 2020

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **October 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 **October** the total influent flow was **79,230** cubic meters, with an average daily flow of **2,555** cubic meters.

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

Treated Flows:

The treated flows were **81,382** cubic meters, with an average daily flow of **2,625** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- October 1- Added molyfilm (descaler) to the boiler
- October 2- Unclogged raw sludge pump 1 - pumped down the scum pit
- October 5- Changed the oil in the air compressor
- October 6- Unclogged the North grit air lift tube
- October 9- Re-packed raw sludge valve #2
- October 13- Received a load of ferric - replaced a tension pin on the gas line drain trap in the basement - greased primary clarifier 3 and aeration tanks 3&4 - calibrated the pH meter
- October 15- Unclogged the North grit air lift tube
- October 16- Al Reichs installed a new driveway around the holding tank
- October 19- Test ran the generator - greased final clarifier 1 - unclogged the North grit air lift tube
- October 20- Fosters on site to vacuum out the scum pit, primary clarifier 3 and final clarifier 4 - Fosters also flushed the digester decant lines
- October 21- Replaced an air relief on the heater in the chlorine room - replaced the belts on the gas compressor
- October 22- Replaced the battery in the battery backup for the control building SCADA pack
- October 23- Resolved an issue with the indicator switch for raw sludge valve #2 - flushed the raw sludge lines - ALARM (Power Outage)
- October 26- Unclogged the digester decant line - calibrated the pH meter - greased the raw sludge and raw sewage pumps - changed the boiler waterline filter
- October 27- Took aeration tank 3 offline for cleaning/inspection

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

October 19,20 - Fosters flushing sewer mains

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*

- October 3 - Received 3 separate pump 1 failure alarms
- October 23- Power outage

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

October 7 - Monthly test run of generator.

October 7 - Calibrated turbidity analyzer

October 7- Cleaned the injection point and pump head

Chepstow:

Regulatory

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

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

Maintenance/Services Performed

October 14 - Monthly test run of Generator.

October 14 - Calibrated turbidity analyzer

October 14 - Completed monthly UV reference sensor checks.

October 14- Cleaned the chlorine injection point

October 14- Completed monthly UVT testing

October 15- Troy's Plumbing Inspected the backflow preventer

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

October 5- During construction on McGivern Street a water service pulled out of the existing water main. KSE made the repair while the main was repaired under reduced water pressure. Veolia was on site to observe the repair.

October 6 - Monthly test run of Well 7 and 9 Generator

October 6 - Completed reference sensor check for UV system.

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

October 5 - Monthly test run of South Booster Station Generator.

October 6 - Calibrated Turbidity analyzer

October 22- Sampled McGivern St. (1st set)

October 22- Well 7/9 MECP Inspection

October 23- Sampled McGivern St. (2nd set)

October 23 - Well 7/9 power outage

October 25- Low tower alarm (SCADA pack issue)

October 26- New water main sample results for McGivern St. came back all clear

October 27- Completed Drinking Water Source Protection Samples

October 28- McGivern St. Hospital water main tie in

October 29- Final water main tie ins completed for new main on McGivern Street were completed