

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

October 2022

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **October 2022**.

WASTEWATER SYSTEM

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 **79,768** cubic meters, with an average daily flow of **2,658** cubic meters.

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

Treated Flows:

The treated flows were **87,573** cubic meters, with an average daily flow of **2,919** cubic meters. Algae buildup in the flume of the effluent flow measuring device continues to cause false high effluent flow readings. Veolia continues to work on correcting this issue. UPDATE: This should improve in November.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are available in the Hach WIMS database.

Repairs and Maintenance Details:

Oct 4 - Sample sludge storage tank. Canadian Crane on-site to lift in a new floating aerator. RKS on-site to wire floating aerators. New aerator is not working as it is sitting too high in the water. Moved older floating aerator to non-lead position, 2A, which runs off an old timer (2 minutes and 10 seconds off and 1 minute and 30 seconds on) not SCADA.

Oct 5 - Floating aerator 2A has burnt out contact switch. Started filling final #3 with effluent. Started to empty cone of digester #2.

Oct 6 - Continue pumping out digester #2 and filling final #3. Unclogged raw sewage pump #1 and #3. RKS on-site to wire floating aeration mixer 2A to 2B to bypass melted contactor switch in 2A.

Oct 7 - Georgian bay fire and safety on-site to check fire extinguishers

Oct 13 - Set RAS #3 pump and valve to normal and remove LOTO. Unclogged raw sewage pump #2. Test run generator.

Oct 15 - Unclogged raw sewage pump #1.

Oct 20 - Turn on mixers in a sludge holding tank. Fosters on site to Vac heavy sludge out of digester #2. Unclogged raw sewage pump #3.

Oct 21 - Refit access cover to digester #2

Oct 24 - Grit chamber south air lifter not lifting. Back flushing south lifter. Sludge hauler onsite today. Ferric work started today by BGL. Ferric transferred into temporary storage and set up temporary feed.

Oct 27 - Reset boiler. Switch fuel from auto to LP. Unclogged raw sewage pump #1. Unclogged raw sewage pump #3 and found a 4 inch long 1.5 diameter PVC pipe in the pump.

Oct 28 - Shut off recirculating pump, suspect no sludge flowing possible blocked pump or choked pipe also shut off boiler. GFL onsite to remove ferric sludge subcontracted by BGL.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

No new items to report.

Fischer Dairy Subdivision Deficiencies

The Developer and their Engineer have several issues to address.

- They have completed some drainage and grading work in an attempt to address the issue of water leaking into the pipe gallery of the building. Some improvement has been noted, but it will take some time to determine whether or not this issue has been fully addressed.
- The Raw Sewage Pumps continue to clog quite regularly. New pumps have now been ordered and the manufacturer is confident that this will correct the issue.

WATER SYSTEMS**DWQMS:**

No new item

Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available upon request.

Consumer Requests and Actions Completed:

All requests have been faxed to the Municipal Office

Lake Rosalind:**Regulatory**

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

October 5- Calibrated NTU analyzer

October 5- Monthly test run of generator

October 5- Calibrated NTU analyzer

October 5- Cleaned chlorine analyzer injector point

October 11- Completed quarterly sampling

October 13/17/24/26 - Calibrated Cl2 analyzer

Chepstow:**Regulatory**

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

October 19/24/26- Calibrated chlorine analyzer

October 19- Monthly test run of generator

October 19- Calibrated turbidity analyzer

October 19- Cleaned the chlorine injection point

October 19- Completed reference sensor checks for UV systems.

Walkerton Water**Regulatory**

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

October 4- Monthly test run of South Booster Station Generator.

October 4- Monthly test run of North Booster Station Generator.

October 5- Replaced battery backup for the North Booster Station SCADA PAK

October 5/6- Observed two live taps in the new JDR Subdivision

October 4- Monthly test run of WalkerWest Booster Station Generator.

October 6- Calibrated the turbidity analyzer.

October 6- Monthly test run of Well 7/9 Generator.

October 6- Completed reference sensor checks for UV systems.

October 11- Completed quarterly sampling.

October 18- Repaired a service leak on a 1" line in the Eastridge Park

October 26- Replaced broken valve box in Eastridge