

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

July 2022

Prepared by: Veolia Water

INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **July** the total influent flow was **84,692** cubic meters, with an average daily flow of **2,732** cubic meters.

Treated Flows:

The treated flows were **102,684** cubic meters, with an average daily flow of **3,312** 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.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

July 4 - Start to clean out aeration tank # 1

July 6 - Unclogged raw sewage pump #3. Fitted last pipe to air valve #2 on a raw sludge system.

July 7 - Pump down grit chamber and Foster vac out grit in chamber and grit channel also scum pit and aeration #1.

July 8 - Change water filter on boiler. Cleaned weirs on final 1,2,3 &4. Clean UV banks.

July 12 - Unclogged raw sewage pump #2. Reset flare stack (Raining). Grease raw sludge pump #2 and RAS Pump #1 & #3. Grease effluent pump and raw sewage pump #2 and #3.

July 14 - Completed repair work to fiberglass floating aerator in aeration tank #1.

July 15 - RKS installed two new 20 amp outlets, hooked up primary #2 sludge valve and moved aeration tank 1B outside breaker. Pumping out primary #2

July 19 - Started cleaning aeration #3 & #4.

July 20 - Adjusted RAS pump #3 speed to 36 Hz from 34 Hz. TSS low so shut off wasting.

July 21 - Clean wet well and unclogged sewage pump #3. Cleaned weirs 1,2,3,&4 and UV.

July 23 - Primary clarifier # 1 flight & chain not moving. Isolated primary 1.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

July 18- Schmidt's Paving repaired a sewer service at 121 Durham Street West.

July 25- Schmidt's Paving repaired a sewer service at 4 Elgin Street.

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. Despite Veolia adding some screening ahead of the pumps this continues to occur at an unacceptable frequency. Cobide, The Municipality, and Xylem (pump supplier) met on site July 7th, 2022. Xylem is going to propose potential alternative pump options, to lessen the impact of the wipes that are clogging the pumps.

July 7- Unclogged Sewage Pump #2

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.

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

July 6- Monthly test run of generator

July 6- Calibrated turbidity analyzer

July 6- Cleaned the chlorine injection point

July 12- The SCADA was switched from dial up to internet based communications

Chepstow:

Regulatory

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

July 11- Monthly test run of generator

July 11- Calibrated turbidity analyzer

July 11- Cleaned the chlorine injection point

July 25- An issue occurred with the battery back-up system for the Chepstow SCADA system. This caused some trending data to be lost. MECP inspector Rhonda Shannon was notified. All critical alarms were working during this event.

Walkerton Water

Regulatory

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

July 4- Observed water main lowering in East Ridge Business Park

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

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

July 5- Monthly test run of Well 7 and 9 Generator.

July 5- Completed reference sensor checks for UV systems.

July 5- Calibrated the turbidity analyzer.

July 6- Veolia observed 6 live taps for water services in the East Ridge Business Park

July 11,12- Completed sampling of new water services in East Ridge Business Park

July 13,14- Completed sampling of new water main in Walker West Subdivision

July 18- Observed tie ins for services in East Ridge Business Park

July 20- H2Flow completed semi-annual UV service

July 22- Observed additional service tie ins for the East Ridge Business Park.

July 27- An issue occurred with the DC power supply for Well 7&9. Replaced the power supply.
July 27- Veolia observed an In Line Valve tap in the East Ridge Business Park