

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

August 2022

Prepared by: Veolia Water

INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **August** the total influent flow was **91,976** cubic meters, with an average daily flow of **2,967** cubic meters.

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

Treated Flows:

The treated flows were **104,246** cubic meters, with an average daily flow of **3,363** 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:

August 2 - Took final clarifier #3 out of service.

August 3 - Moved floating carriage to end of final # 3 to pump out the tank. Pumped out liquid from primary #2. Shut off primary sludge valve #1 & turn #3 to auto.

August 4 - Tested generator. Reset flare stack. Unclogged raw sewage pump #3.
August 8 - Took final # 4 off line for cleaning. Change oil in the recirculating pump.
August 9 - Grease air valves on raw sludge valves.
August 11 - Unclogged raw sewage pump # 3. Cleaned secondary #1 & #2 weir also UV weir with UV banks.
August 12 - Final #1 & #2 syphon tubes blocked. Unblocked syphon tubes.
August 16 - Test run generator. Caulking on roof generator.
August 17 - free up air valve #2 as it was seized, started to fill primary #2.
August 18 - Found ferric pump #1 off and set to zero, reset to on at 60. Basement floor drains back-up. Unclogged raw sewage pump #2 before and after cleaning wet well. Rebuild air valve. Fosters flushed out blockage in manhole #1.
August 19 - Put primary #2 online. Adjust splitter in primary feed channel in raw channel to favor primary #1 & #2.
August 21 - Call-in for low DO and high flow. Reset flare stack.
August 23 - Unclogged raw sludge pump #1.
August 25 - Unclogged raw sewage pump # 3. Clean wet well. Clean UV weir.
August 26 - Reset flare stack. Clean final #1 & #2. Clean UV weir and UV banks.
August 31 - Flushed supernatant line.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

August 17- Schmidt's Paving repaired a sewer service at 8 Campbell Street
August 26- Schmidt's Paving repaired a sewer service at 126 Victoria 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.
- Cobide is working with Xylem to source the alternative pump.

August 11, 22, 29 - 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

August 10- Monthly test run of generator

August 10- Calibrated turbidity analyzer

August 10- Cleaned the chlorine injection point

August 18- Replaced curb box for 417 Lake Rosalind Road 4

August 23- Completed seasonal distribution system flushing

Chepstow:

Regulatory

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

August 10- Monthly test run of generator

August 10- Calibrated turbidity analyzer

August 10- Cleaned the chlorine injection point

August 10- Completed reference sensor checks for UV systems.

Walkerton Water

Regulatory

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

August 3- Observed Valve addition at the end of Ontario Road for East Ridge Phase 1 project

August 10- Monthly test run of Well 7 and 9 Generator.

August 10- Completed reference sensor checks for UV systems.

August 10 - Calibrated the turbidity analyzer.

August 10,15,17 - Worked with BM Ross to complete additional flow tests in the Walker West Subdivision

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

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

August 24 to 26- Completed sampling of new water main in East Ridge Phase 1