

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

August 2020

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **August 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 **August** the total influent flow was **80,257** cubic meters, with an average daily flow of **2,589** cubic meters.

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

Treated Flows:

The treated flows were **77,307** cubic meters, with an average daily flow of **2,494** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- August 2- Reset the flare stack
- August 3- Reset the flare stack
- August 4- Added oil to blower 1 - cleaned the dissolved oxygen probe
- August 6- Completed monthly test run of the bio-gas generator
- August 10- Added oil to blower 1
- August 17- Cleaned blower 2 air filter - put primary clarifier 2 online - completed semi annual exhaust fan inspections - changed the oil in the sludge circulating pump - calibrated the pH meter
- August 19- Replaced a cracked gate valve on the effluent reuse system
- August 20- Replaced a broken limit switch on primary clarifier 2 sludge valve - unclogged raw sewage pump 2
- August 24- Switched the pump tubing in the effluent sampler and cleaned the pump rollers
- August 25- BIICO Insurance on site to complete an inspection
- August 26- Organix Matters on site to haul sludge - Unclogged raw sewage pumps 1&3
- August 28- Organix Matters on site to haul sludge
- August 31- Calibrated the pH meter

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

Fisher Dairy Sewage Pumping Station

On April 7th Wellington Construction was on site to investigate issues at Fisher Dairy Sewage Pumping Station. Both pumps were pulled, inspected, and appeared to be operating normally. It was communicated to Cobide Engineering that a pump failure alarm should exist to inform staff of an issue. This alarm has since been installed, and multiple pump failures have occurred since. Infiltration in the basement was shown to Wellington and we are awaiting a resolution to this issue. Veolia recommends that this station not be fully assumed by the Municipality until all issues have been resolved.

August update: A site meeting has been scheduled for September 3rd with the engineering firm and the pump supplier in an effort to resolve the outstanding issues.

August 2- High Level Alarm- Pump would not run
August 14- RKS on site to investigate pump failure
August 16- Pump #1 Failure
August 23- Pump #1 Failure
August 26- High Level Alarm- Pump would not run

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

MOECC Inspection completed August 19. We are awaiting the results of the inspection.

Maintenance/Services Performed

August 12 - Monthly test run of generator.

August 12 - Calibrated NTU analyzer

August 14 - ICS Instrumentation completed the annual flowmeter verifications.

August 20- Complete seasonal water main flushing

Chepstow:

Regulatory

There were no Regulatory issues for this reporting period..

Maintenance/Services Performed

August 3- ALARM- UV Fault

August 12 - Monthly test run of Generator.

August 12 - Calibrated NTU analyzer

August 17 - Completed monthly UV reference sensor checks.

August 21 - ALARM - Low well flow rate. Observed several well cycles, and contacted a well technician. Work with the well technician is ongoing to assess next steps.

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

August 4,5- Sampled the temporary water line for McGivern St. construction

August 10- KSE had the water main froze and then cut a capped it so the hospital doesn't lose water during McGivern St. construction

August 11 - Monthly test run of Well 7 and 9 Generator

August 11 - Completed reference sensor check for UV system.

August 11- Calibrated NTU analyzer

August 12 - Monthly test run of North Booster Station Generator.

August 12 - Monthly test run of South Booster Station Generator.

August 13 - Water main break on George St.

August 24,25 - Sampled the new water main for the Crawford St. development