

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

June 2020

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **June 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 **June** the total influent flow was **90,027** cubic meters, with an average daily flow of **3,000** cubic meters.

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

Treated Flows:

The treated flows were **86,219** cubic meters, with an average daily flow of **2,874** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- June 1- Enbridge gas on site to develop a site plan to replace the gas meter at the main control building - BuiltWright fencing on site to quote the fence and gate repairs
- June 3- RKS electric on site to troubleshoot the flare stack breaker - Acu-tec on site to inspect the lifting devices - flushed raw sludge line 3 - greased the raw sludge valves - cleaned the online dissolved oxygen probe
- June 8- Price Schonstrom on site to install a new gate valve and check valve on the discharge line for return activated sludge pump 1
- June 9- Ferric pump 2 stopped working, took it offline and ordered parts - adjusted the stopping block for final 4 floating carriage - installed a new chlorine analyzer feed pump in the south contact tank - RKS electric replaced the breaker for the flare stack
- June 10- Unclogged raw sewage pump 1
- June 11- Unclogged raw sewage pump 1 - test ran the generator
- June 12- Reset the boiler and the flare stack - unclogged raw sludge line
- June 16- Completed annual toxicity sampling
- June 18- Unclogged raw sewage pump 2 - reset the SCADA - cleaned the air filters for blower 1 - changed the oil in raw sludge pump 1
- June 22- Set up a temporary secondary digester decant line
- June 23- Took the grit chamber offline for cleaning
- June 24- Unclogged the south side grit tube and finished cleaning and inspecting the grit chamber then put it back online - unclogged raw sewage pumps 2&3 - unclogged raw sludge pump 1
- June 25- Changed the oil in the drive gear boxes for primary clarifier 1
- June 26- Reset the flare stack - changed the oil in the drive gear boxes for primary clarifiers 2&3
- June 30- Calibrated the pH meter

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

June 12 - After receiving odor complaints in the downtown area, a sewer blockage was located on Peter Street in front of Larry Fritz's Animal Products. Foster's Sewer Service was called to the site and cleared the Blockage.

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.

The following alarms were received in June:

June 10- Pump 2 failure - reset pump and returned to service.

June 15-29 Pump 2 would not pump, a very small blockage was removed from the pump and it is now operational.

June 27- Pump 1 failure - reset pump and returned to service.

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

June 10 - Monthly test run of generator.

June 15- Fixed a discharge leak on the chlorine pump

Chepstow:

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

June 9 - Monthly test run of Generator.

June 9 - Completed monthly UV reference sensor checks.

June 9- Replaced a section of piping at the chlorine injection point

June 8- Replaced one set of filters

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

June 1 - Completed reference sensor check for UV system.

June 2 - Monthly test run of North Booster Station Generator.

June 2 - Monthly test run of South Booster Station Generator.

June 3 - Monthly test run of Well 7 and 9 Generator (Generator faulted, Freiburgers resolved the issue)

June 11- North Tower low level alarm (SCADA Communication issues)

June 19- Old generator removed from Well 7 and 9

June 25- Replaced a water main valve at the corner of Durham and Elm St.

June 30- Emergency water main repair on the Bruce Rd. 2 water main