MUNICIPALITY OF BROCKTON

MONTHLY REPORT

June 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of June 2019.

WASTEWATER SYSTEM

Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available on 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 112,814 cubic meters, with an average daily flow of 3,761 cubic meters.

No leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

Treated Flows:

The treated flows were 111,626 cubic meters, with an average daily flow of 3,721 cubic meters.

**Required Analysis as per ECA**

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS
Repairs and Maintenance Details:

- June 3- Completed monthly safety inspections, inspected blower 1
- June 4- Finished cleaning out aeration tank 3, ran the bio-gas generator, replaced 2 cracked ball valves on the grit air lift tubes with gate valves, tested the low bio-gas pressure alarms, changed the oil in blower #1
- June 7- Finished cleaning aeration tank #4
- June 10- Completed air compressor maintenance, tested and inspected the digester roof overflow, inspected blower #1, took final clarifiers 1&2 offline and started pumping them down, replaced a cracked ball valve on the effluent system
- June 11- Dewar electric on site to adjust some parameters on the new variable frequency drive for raw sewage pump #2
- June 12- RKS electric on site to work on the lighting for the control building, changed the oil in the gearboxes for final clarifiers 1&2, inspected the digester gas piping for leaks
- June 20- Cleaned the Dissolved Oxygen analyzer, ICS on site to calibrate the raw sewage flowmeter
- June 21- Calibrated the pH meter, tested the chlorine gas alarm
- June 24- Changed the oil in the air compressor, greased all 3 raw sludge valves, changed the oil in primary clarifiers 1,2 and 3 cross collector gearboxes, put the bio-gas generator online, flushed the raw sludge lines
- June 25- Changed the oil in the gearbox for the chain and flight for primary clarifier 3
- June 26- Unclogged the South grit tube
- June 27- Flushed the raw sludge lines

Regulatory
There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:
No issues for the reporting period.

WATER SYSTEMS

DWQMS:
No new items to report

Operational Parameters:
All Results have been entered into the Hach WIMS database, and are available on request.
Lake Rosalind:

**Regulatory**
There were no Regulatory issues for this reporting period.

**Maintenance/Services Performed**
June 12 - Monthly test run of Generator.
June 24 - ICS Instrumentation completed annual flowmeter verifications

Chepstow:

**Regulatory**
There were no Regulatory issues for this reporting period.

**Maintenance/Services Performed**
June 12 - Monthly test run of Generator.
June 12 - Completed monthly UV reference sensor check. Also switched duty UV units.
June 24 - ICS Instrumentation completed annual flowmeter verifications

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 3 - Completed reference sensor check for UV system.
June 4 - Monthly test run of South Booster Station Generator.
June 4 - Monthly test run of North Booster Station Generator.
June 6 - Repaired a water main break in front of 708 Durham Street.
June 10 - A contractor was called in to repair the block heater for the North Booster Station
June 11 - Lotowater completed Well 9 repair work.
June 12 - Monthly test run of Well 7 and 9 Generator.
June 12 - A faulty contactor was replaced for UV 2. This was covered under warranty, as it had recently been replaced.
June 24 - ICS Instrumentation completed the flowmeter verifications for Well 7 and Well 9
June 25 - Dewars Electric were on site to install the replacement VFD for one of the 100 HP Booster Pumps. During the visit a wire was crossed which caused damaged the VFD for the Jockey Pump and a SCADA input card. Dewars Electric replaced both items at their cost.