

## **MUNICIPALITY OF BROCKTON**

### **MONTHLY REPORT**

**February 2020**

Prepared by: Veolia Water

#### **INTRODUCTION**

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **February 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 **February** the total influent flow was **92,985** cubic meters, with an average daily flow of **3,206** cubic meters.

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

##### Treated Flows:

The treated flows were **93,795** cubic meters, with an average daily flow of **3,234** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- Feb 3- Greased the effluent pump, raw sludge valves and all 3 raw sewage pumps - tested the chlorine gas alarm - changed the waterline filter in the boiler
- Feb 4- Hayes electric on site to clean the contactor for raw sludge pump 2, hook up primary 1&2 cross collectors to timers and to fix the start up issue with raw sewage pump 2 - cleaned the dissolved oxygen probe
- Feb 5- Microage on site to fix an internet issue - added glycol to the reservoir in the control building blower room
- Feb 6- Test ran the generator (generator had issues running, contacted Rolan Inc and will continue to monitor)
- Feb 7- Put primary clarifier 1 online
- Feb 10- Calibrated the pH meter - changed the oil in the sludge circulating pump - installed a new plug valve on the highest digester decant line
- Feb 11- Flushed the digester decant lines - installed a new section of pipe and fittings on the North side sump line in the digester basement
- Feb 12- Gas Logics on site to complete flame arrestor maintenance and to fix the flare stack - flushed the raw sludge lines
- Feb 14- Removed built up ice on the step screen and fixed aeration mixers
- Feb 20- Hayes Electric replaced a bad contactor for raw sludge pump #2
- Feb 21- Rolan Inc on site to fix the newly installed actuating valve delay for the generator temperature control - Keytech on site to inspect the boiler
- Feb 24- Replaced a broken effluent valve by final clarifiers 3&4
- Feb 25- Re-siphoned both floating carriages - Micro age on site to replace the unreliable internet switch - Gas Logics on site to work on the flare stack
- Feb 26- Added 2 pails of molyfilm to the boiler

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 upon request.

**Lake Rosalind:**Regulatory

February 3 - A MECP Inspection of the site occurred. The inspection report was received with a 100% compliance rating.

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

February 6 - Monthly test run of Generator.

**Chepstow:**Regulatory

January 23 - A MECP Inspection of the site occurred. *February Update: The Inspection report was received with a 100% compliance rating.*

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

February 11 - Monthly test run of Generator.

February 11 - Completed monthly UV reference sensor checks.

February 11 - The SCADA system for the site was changed over from phone to internet based communications.

**Walkerton Water**Regulatory

February 12 - A MECP Inspection of the site occurred. We are awaiting the final Inspection Report.

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

February 4 - Completed reference sensor check for UV system.

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

February 5 - Monthly test run of South Booster Station Generator.

February 12 - Monthly test run of Well 7 and 9 Generator.

February 22 - A power outage occurred at the South Booster Station. Westario was contacted as the issue was with a blown switch to the building on the hydro pole.