

## **MUNICIPALITY OF BROCKTON**

### **MONTHLY REPORT**

**January 2020**

Prepared by: Veolia Water

#### **INTRODUCTION**

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **January 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 **January** the total influent flow was **143,501** cubic meters, with an average daily flow of **4,629** cubic meters.

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

##### Treated Flows:

The treated flows were **140,585** cubic meters, with an average daily flow of **4,535** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

- Jan 6- Took primary clarifier 1 offline for maintenance (broken chain), replaced a leaking gasket on the discharge line for blower 2, cleaned and greased the step screen
- Jan 7- Fixed the broken chain in primary clarifier #1
- Jan 8- Installed new wear strips for the flights in primary clarifier #1, installed the rebuilt air compressor electric motor on the boiler room air compressor
- Jan 9- Test ran the generator, serviced and replaced the tubing on both ferric pumps
- Jan 10- Flushed the raw sludge line, unclogged raw sewage pump 3
- Jan 11- Adjusted flows into all tanks to compensate for high flows
- Jan 13- Unclogged raw sewage pump #3 and raw sludge pump #1, calibrated the pH meter, changed the air filter in the dry well furnace, added coolant to the generator, changed the oil in blower 1
- Jan 15- Greased primary clarifier #1, replaced a broken tension pin in a digester gas moisture trap, built and installed new air diffusers for the pre primary channel, installed the new drive sprocket for primary 2 flights
- Jan 20- Flushed the raw sludge lines, changed the oil in blower 2 and greased it
- Jan 21- Tightened some leaking fittings on the boiler, ICS on site to install the new step screen milltronics
- Jan 22- Adjusted the proximity switch on the step screen, put primary clarifiers 1&2 online, Rolan Inc. on site to fix multiple issues with the generator, tightened the flight drive chain on primary clarifier 2
- Jan 28- Changed the oil in return activated sludge pump 2, greased return activated sludge pump 1 and raw sludge pump 2, Price Schonstrom on site to align the motor for return activated sludge pump 3,
- Jan 30- Finished fixing the chain and sprocket in primary clarifier 1, Rolan Inc. completed some generator programming
- Jan 31- Replaced the leaking heat pump for the control building, adjusted multiple fittings on the generator coolant lines

### Regulatory

There were no Regulatory issues for this reporting period.

### Collection System Maintenance/Services:

January 7 - Foster's Sewer Services flushed sewers that were identified during the Zoom Camera Inspections as being "high priority for cleaning".

## **WATER SYSTEMS**

### **DWQMS:**

January 15 - The 36 Month Risk Assessment Review of the water systems was performed by Veolia and Brockton.

January 22 - The annual External Audit of the DWQMS was completed by SAI Global. No non-conformances were noted. A copy of the report is attached.

**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**

January 8 - Monthly test run of Generator.

**Chepstow:****Regulatory**

January 23 - A MECP Inspection of the site occurred. We are awaiting the final Inspection Report

There were no Regulatory issues for this reporting period.

**Maintenance/Services Performed**

January 6 - The block heater for the Generator Failed. Freiburger Truck and Trailer came on site and repaired the unit.

January 7 - Monthly test run of Generator.

January 7 - Completed monthly UV reference sensor checks.

**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**

January 2 - Completed reference sensor check for UV system.

January 7 - Monthly test run of North Booster Station Generator.

January 8 - Monthly test run of South Booster Station Generator.

January 14 - Monthly test run of Well 7 and 9 Generator.

January 21 - A watermain break was repaired on the main transmission line from the Well on Bruce Road 2.

January 22 - The semi-annual Servicing of the UV Reactors was completed by H2Flow.