

## **MUNICIPALITY OF BROCKTON**

### **MONTHLY REPORT**

**August 2021**

Prepared by: Veolia Water

#### **INTRODUCTION**

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **August 2021**.

#### **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 **75,184** cubic meters, with an average daily flow of **2,425** cubic meters.

No leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill. (Haulage has been switched to Hanover for the coming months)

##### **Treated Flows:**

The treated flows were **74,717** cubic meters, with an average daily flow of **2,410** cubic meters.

##### **Required Analysis as per ECA**

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

### Repairs and Maintenance Details:

**August 3** - Raw sewage pump 1 when switched to lead pump would not run at a speed greater than 30 Hz (no flow). After cycling off and then back on, the pump operated as intended. Test Generator.

**August 4** - Ferric pump #2 set to 70. Reconnect ferric pump # 1 from the boiler.

**August 5** - Unclogged raw sewage pump # 2. Rotated and moved trip bars for final #4 also zip tied floater for final #4 scan squeegee.

**August 11** - Power-out reset gas compressor and floating aerator 1B. Set the ferric pump to 60 from 70.

**August 12** - Unclogged raw sewage # 1 & #2. Install new stainless steel cable for floating carriage in final # 4.

**August 23** - Reset Digester Gas Flowmeter, now appears to be running normally. Lowered boiler set point from 210 to 190 due to high heat exchanges/digest temps.

**August 24** - Primary pump #1 not pumping, flush line. Switch ferric pump to # 1 at 50. Grease air valves # 1,2,3.

### Regulatory

There were no Regulatory issues for this reporting period.

### Collection System Maintenance/Services:

**August 1**- Completed an emergency sewer service repair at 219 Jackson St.

### Fischer Dairy Sewage Pumping Station

**August 24**- Met with Steve Cobean (Cobide), Bruce Potter (BM Ross), and Gregg Furtney at the Sewage Pumping Station to review the list of deficiencies. Cobide agreed to work to correct the deficiencies with the leaking basement, and generator code issues.

***Outstanding Items:*** Steve Cobean was informed Nov 17/20, Dec 14/20, & April 18/21 that the leak in the basement still needs to be repaired.

## **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**

**August 11-** Monthly test run of generator

**August 11-** Calibrated turbidity analyzer

**August 11-** Cleaned the chlorine injection point

**August 31-** Completed flushing of the Distribution System

**Chepstow:****Regulatory**

**August 11-** After a brief power outage, the UV system failed to restart properly. This caused the well to run without UV disinfection for approximately 4 minutes. Chlorine disinfection was not affected, and occurred throughout this occurrence. After additional testing it was determined that the UV lockout (which does not allow the well to run if the UV system is not working properly) was not working properly. On August 25th a new lockout device was installed, and tested. No further action was required from the MOECP or the Health Unit.

**Maintenance/Services Performed**

**August 10-** Monthly test run of generator

**August 10-** Calibrated turbidity analyzer

**August 10-** Cleaned the chlorine injection point

**August 10-** Completed monthly UV reference sensor checks.

**August 10-** Completed monthly UVT testing

**August 25-** RKS Electric installed a new UV lockout device.

**Walkerton Water****Regulatory**

**August 12-** Received a distribution sample result of 19 Total Coliforms in Walkerton. Resampled the location, as well as, upstream and downstream locations. All results came back clear of bacteriological contamination. No further action was required from the MOECP or the Health Unit.

**Consumer Requests and Actions Completed:**

All requests have been faxed to the Municipal Office

**Maintenance/Services Performed**

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

**August 11-** Completed reference sensor check for UV system.

**August 11-** Calibrated Turbidity analyzer

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

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

**August 26-** Repaired a water service at 12 Circle Drive that was damaged during a sewer repair.