

## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

April 2021

Prepared by: Veolia Water

#### INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **April 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 **April** the total influent flow was **104,254** cubic meters, with an average daily flow of **3,475** cubic meters.

**378 m<sup>3</sup>** of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

##### Treated Flows:

The treated flows were **106,309** cubic meters, with an average daily flow of **3,543** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

**April 1** - Pumping out final Clarifier # 1 and # 2 for cleaning

**April 5** - Monthly test run of generator at WWTP and SPS

**April 7** - Cleaned out final clarifier # 1 and # 2. Found chlorine level low effluent pump tripped GFI.

**April 8** - Unclogged raw sewage pump # 1 and # 3

**April 12** - Greased aeration # 3 and # 4 mixer, RAS, RSP #1, RSP #2, RSP #3 and raw sludge pumps. Change boiler recirculating filter. Checked fan belts.

**April 13** - Emptied secondary clarifier # 1 and # 2 sludge hoppers. Clean final # 3 and # 4 clarifier weirs.

**April 15** - Confirmed supernatant line is draining correctly. Unclogged raw sewage pump # 2.

**April 16** - Replaced burnt out lamps and ballast at plant.

**April 17** - Price Schonstrom on-site to begin installation of an air valve for the repair work on a leak in the air line.

**April 19** - Price Schonstrom on-site to install a new airline. Open effluent chlorine system pumps a dead end valve on the system, preventing GFI trips.

**April 20** - Blower # 1 pressure relief valve (PRV) continuously vents air. Blower # 1 shut off and Blower # 2 turn on. Flushed supernatant line.

**April 21** - Price Schonstrom on-site to complete the airline.

**April 22** - Unclogged raw sewage # 3. Raw sewage pump # 1 would not start after clearing the wet well. Reset boiler digester water level trip sensor for 3" boiler and boiler started. Changed out empty chlorine cylinder.

**April 23** - Raw sewage pump # 1 will not turn. Replaced burnt out light in digester. basement. Greased secondary clarifiers.

**April 26** - RKS on-site to install new breaker on aeration mixer # 3. Hays Electric on-site to look at raw sewage # 1. Found no issue with the electric motor. Disconnected coupling from motor to pump. Found motor turns freely, pump does not. Raw sewage # 1 electrically disconnected. Shipped Aerzen blower Pressure Relief Valve to Aerzen.

**April 27**- Temporary fine screen installed in wet well. Price Schonstrom on-site to disassemble raw sewage # 1. Found a rag (t-shirt) jammed between wearing at the bottom of the impeller. Raw sewage # 1 impeller spins freely when disassembled. Raw sewage # 1 operates normally after reassembled. Began pumping supernatant from sludge storage tank.

**April 28** - Replace rollers for ferric chloride pump # 1. Added molyfilm to the boiler.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

No new items to report.

Fisher Dairy Sewage Pumping Station**No new items to report**

**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.

Also sent an email to Steve on April 18th informing that the wet weather flows appear to be very high (triple dry weather flows) for this subdivision.

**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

**April 7-** Monthly test run of generator

**April 7-** Calibrated turbidity analyzer

**April 7-** Cleaned the chlorine injection point

**April 7 -** Replaced cap and electrolyte for Chlorine Analyzer

**Chepstow:**Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

**April 13-** Monthly test run of generator

**April 13-** Calibrated turbidity analyzer

**April 13-** Cleaned the chlorine injection point

**April 13-** Completed monthly UV reference sensor checks.

**April 13-** Completed monthly UVT testing

**April 13 -** Replaced cap and electrolyte for Chlorine Analyzer

## **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

**April 6-** Monthly test run of Well 7 and 9 Generator

**April 6-** Completed reference sensor check for UV system.

**April 6-** Calibrated Turbidity analyzer

**April 6-** Monthly test run of North Booster Station Generator.

**April 6-** Monthly test run of South Booster Station Generator.

**April 7 -** Replaced cap and electrolyte for Well 7 and 9 Chlorine Analyzer

**April 12 -** Replaced cap and electrolyte for North Tower Chlorine Analyzer

**April 12 -** Replaced cap and electrolyte for South Tower Chlorine Analyzer

**April 12, 13 -** Completed New Water main Samples for Walker West Subdivision

**April 20 -** Cedarwell completed tie in of New Water Main for Walker West Subdivision