

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

January 2021

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **January 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 **January** the total influent flow was **93,836** cubic meters, with an average daily flow of **3,027** cubic meters.

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

Treated Flows:

The treated flows were **94,072** cubic meters, with an average daily flow of **3,034** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- **January 4-** Changed the oil in the air compressor - test ran the generator
- **January 5-** Tightened the tubing fittings on the boiler
- **January 7-** Unclogged raw sewage pump 1
- **January 11-** Greased the raw sludge air valves - cleaned the dissolved oxygen probe
- **January 12-** RKS and Price Schonstrom on site to disconnect raw sewage pump 2 (mechanical seal replacement)
- **Jan 13-** Retro fitted the North side top sprockets in primary 3 to run without the shaft moving
- **Jan 15-** Price Schonstrom & RKS on site to re-install raw sewage pump 2 - BM Ross on site to work on the UV project
- **Jan 18-** Put primary clarifier 3 online - changed the oil in blower 2 - greased all three raw sewage pumps - calibrated the pH meter
- **Jan 20-** Unclogged raw sewage pump 3 - tightened the tubing on the North side of the boiler
- **Jan 22-** Flushed the south grit tube - reset the flare stack
- **Jan 25-** Reset the flare stack - flushed the digester supernatant line - changed the oil in RAS pump 2 - changed the tubing in both ferric pumps
- **Jan 27-** Unclogged raw sewage pump 2 - replaced the belts on raw sludge pump 2
- **Jan 28-** Reset the boiler - replaced the belts on blower 1
- **Jan 29-** Adjusted the proximity switch on the step screen - found a crack in ferric pump 2 (put the spare pump online & ordered a replacement head)

Note: Contacted Gas Logics February 1st after having multiple flare stack failures.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

Fisher Dairy Sewage Pumping Station

Outstanding Items: Steve Cobeau was informed Nov 17 & Dec 14 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

January 8- Monthly test run of generator

January 8- Calibrated turbidity analyzer

January 8- Cleaned the chlorine injection point

Chepstow:**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

January 13- Monthly test run of generator

January 13- Calibrated turbidity analyzer

January 13- Cleaned the chlorine injection point

January 13- Completed monthly UV reference sensor checks.

January 13- Completed monthly UVT testing

January 25- Calibrated the 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

January 5- Monthly test run of Well 7 and 9 Generator

January 5- Completed reference sensor check for UV system.

January 5- Calibrated Turbidity analyzer

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

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

January 6- Replaced the variable frequency drive for the South standpipe mixer

January 14- Repaired a water main break across from the post office

January 20- H2Flow serviced the UV's at Well 7/9

January 29- Calibrated the Well 7/9 chlorine analyzer