

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

May 2021

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **May 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 **May** the total influent flow was **87,634** cubic meters, with an average daily flow of **2,827** cubic meters.

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

Treated Flows:

The treated flows were **88,428** cubic meters, with an average daily flow of **2,852** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- May 3 - test run WWTP and SPS generators
- May 6 - Unclogged raw sewage pump # 1, # 2, #3. Set Ferric pump #1 to 100
- May 7 - Turned off raw sludge valves for primary # 1 & #2
- May 10 - Manually pumped Raw sludge from primary clarifiers #1 and #2. Lowered holding tank decant pump. Ferric chloride delivered. Cleaned wet well screen.
- May 11 - Pumped out primary clarifier #3. Reprimed primary # 1 and #2 for primary sludge pump. North grit channel airlift not lifting, backwash. South grit airlift lifts water but not full volume.
- May 13- Pumping out grit tank. Set ferric pump # 2 to 60. Price Schonstrom on-site to install secondary clarifier 1 and 2 scum trough. Air and water can be flushed through pipe but no grit lift up pipe. Changed ferric pump # 1 hose size to #3.
- May 14 - Filled secondary clarifier sludge tank for # 1 and # 2 to test the new seal on the airline.
- May 17 - Reset boiler biogas dig LGPS 3" WC and boiler started. Started filling secondary clarifier #1 & #2. Replaced secondary clarifier # 1 power switch. Pumped out grit tank.
- May 18 - Cleaned out rags from the grit tank, filled and returned to service. Raked bar screen.
- May 20 - Unclogged raw sewage pump # 1 and # 3.
- May 25 - Found ferric pump # 2 not pumping. The fan on the pump had failed and the pump had overheated.
- May 27 - Shut off sludge pump to digester to allow secondary digester to settle as supernatant is black.
- May 28 - Transfer from secondary digester to storage.
- May 31 - Stated sludge storage tank mixers for sludge samples.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

May 4- Repaired the sewer service at 10 William Street. Had been damaged since the Fibre Optic Installation.

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

May 12- Monthly test run of generator

May 12- Calibrated turbidity analyzer

May 12- Cleaned the chlorine injection point

May 17- Hach Service tech was on site to service the turbidity analyzer

Chepstow:

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

May 7- Replaced faulty battery charger with a new unit.

May 11- Monthly test run of generator

May 11- Calibrated turbidity analyzer

May 11- Cleaned the chlorine injection point

May 11- Completed monthly UV reference sensor checks.

May 11- Completed monthly UVT testing

May 19- Completed Spring water main flushing

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

May 10- Monthly test run of North Booster Station Generator.

May 10- Monthly test run of South Booster Station Generator.

May 12- Monthly test run of Well 7 and 9 Generator

May 12- Completed reference sensor check for UV system.

May 12- Calibrated Turbidity analyzer

May 18- Changed out the tubing for the chlorine gas system at Well 7&9.