

## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

July 2023

Prepared by: Veolia Water

#### INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **July 2023**.

#### WASTEWATER SYSTEM

##### Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **July** the total influent flow was **83,202** cubic meters, with an average daily flow of **2,683** cubic meters.

**229.5** cubic meters of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

##### Treated Flows:

The treated flows were **87,469** cubic meters, with an average daily flow of **2,821** cubic meters.

##### Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are available in the Hach WIMS database.

### Repairs and Maintenance Details:

**July 4** - Got syphons working for final #3 clarifiers to remove sludge. Final clarifier #4 carriage not working, removed cover and reset, ok - retaped "stopper" disc and will monitor.

**July 5** - Put aeration tank #2 into service. Took final clarifier #3 offline and began pumping down. Pumped down wet well. Worked on raw sewage pump #3 as it would not run after pumping down wet well.

**July 6** - Pumped out aeration tanks # 3 and #4. Secondary clarifier #4 carriage not working, reset pumper source multiple times to get working - called Hayes Electric to investigate. Glen Hayes was unable to find the issue, switched the timer for final #3 to see if that helped. Glen also checked raw sewage pump #3 VFD - believes a blockage is causing the issue. Could not find a blockage, may have to take the top end off next week. Price Schonstrom onsite to change piping and install new valves on Grit Air Lift System.

**July 7** - Pumping out secondary clarifier #3. Pumping out aeration tank#4 into aeration tank #2.

**July 10** - Started emptying aeration tank #4 and secondary clarifier #3. Attempted to run Raw Sewage Pump #3, but still not working. RAS #3 flow meter not registering flow. RAS #2 also not pumping. Floorsavers onsite to start concrete work.

**July 11** - RAS #3 flow meter still not registering flow, except at high pump speed.

**July 12** - Took raw sewage pump #3 apart. Floorsavers onsite to complete work.

**July 13** - Pumping out aeration tank #4. Secondary clarifier #4 carriage was stuck on the south end again. Unclogged raw sewage pump #2, unable to remove rags jammed in wear ring. Martin Energy Group was onsite to install New Methane sensor and replaired digester valve. Pumped down wet well.

**July 15** - Final clarifier #3 was filling from sludge trough, shut drain. Hopper was full of sludge and flow meter registering zero flow "empty pipe".

**July 17** - Raw sewage pump #1 mechanical seal leak has flooded the floor. Raw sewage Drywell sump pump frequently stops when in auto. Started pumping out aeration tank #3.

**July 18** - Began cleaning final clarifier #3.

**July 19** - Hays Electric onsite to complete work on raw sewage pump #3 and put new timer in final clarifier #4 and old timer was put back into final clarifier #3.

**July 21** - Made several attempts on getting the drywell sump pump working, nothing worked. Troys onsite to try and get sump pump to work.

**July 22** - Final clarifier #4 was stuck on the north end, reset and manually pushed to get working again.

**July 23** - Troys onsite again to look at drywell sump pump. Took existing sump pump out of the sump.

**July 25** - Hays Electric onsite to disconnect raw sewage pump #1. Put secondary clarifier #3 online. Took primary clarifier #4 offline.

**July 31** - Price Schonstrom onsite to hoist RSP#1 out of drywell basement for repairs.

Regulatory

Walkerton Wastewater Annual/Monthly Report figures are available in the Hach WIMS database.

Collection System Maintenance/Services:

**July 27** - 207 Joseph St Sewer Camera

**July 27** - Yonge St Construction Sewer Camera

Fischer Dairy Subdivision Deficiencies

**July 19** - Camera main in Fischer Dairy to find extra flow #31 Fischer Dairy

The following issue is ongoing:

- During the replacement of the Pumps the electrician noticed some code deficiencies with the initial electrical installation.

**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.

**Consumer Requests and Actions Completed:**

All requests have been faxed to the Municipal Office

**Lake Rosalind:**

Regulatory

**July 11** - Quarterly samples taken

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

**July 1** - High lift pump failure resulted in a loss of pressure in the distribution system. Restored pressure and flushed.

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

**July 13**- Calibrated turbidity analyzer

**July 13**- Cleaned chlorine analyzer injector point

**July 13**- Cleaned chlorine pump head

**Chepstow:**

Regulatory

**July 11** - Quarterly samples taken

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

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

**July 13** - Calibrated turbidity analyzer

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

**July 13** - Completed reference sensor checks for UV systems.

**July 13** - Completed Monthly UV Transmittance reading

**Walkerton Water**

Regulatory

**July 11** - Quarterly samples taken

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

**July 5** - Monthly test run of North & South Tower generators

**July 5** - Monthly test run of Walker West generator

**July 6** - Monthly test run of Well #7/#9 generator

**July 6** - Calibrated NTU analyzer

**July 6** - Completed monthly UV Reference Sensor checks

**July 5/6** - Moorefield - Yonge St. Phase 2 temporary water line sampling on Yonge St. construction (results clear)

**July 6/7** - Completed extra sampling for the new Bruce Rd. #2 Transmission line connection (results clear)

**July 12** - Bruce Rd. #2 tie-ins completed - samples taken (results clear)

**July 19** - H2Flow onsite for UV Service

**July 26** - Fixed curb stop leak at 5 Sepp Crt. and 15 Second St.

**July 27/28** - Moorefield - Yonge St. Phase 3 temporary water line sample (results clear)