

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

June 2023

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INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **June** the total influent flow was **80,385** cubic meters, with an average daily flow of **2,677** cubic meters.

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

Treated Flows:

The treated flows were **82,539** cubic meters, with an average daily flow of **2,751** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

June 2 - Test run generator to check louver function, both operated normally. Hays installed new electrical disconnect for final clarifier 4.

June 6 - Pumped down primary scum pit.

June 7 - Cleaned out aeration #2, found 9 broken diffuser heads. Flushed each header with air.

June 9 - Raked and hosed wet well and pumped down. Switched to raw sewage pump #1 from pump #3. Worked on modifications to hose setup for Wet Well. Unclogged raw sewage pumps #1 and #3.

June 12 - Test run generator. Cleaned weirs 2,3,4. Initiated UV wipe and checked HSC. Cleaned level sensor for UV.

June 14 - Fosters onsite to vac out both scum pits, primary 3 inlet, grit channel, grit tank, aeration 2, and flushed supernatant line.

June 15 - Pumped down Wet Well with sprayer running. Switched Raw Sewage duty to #3 after testing pumps. Cleaned out and unclogged raw sewage pump 2.

June 16 - Replaced 8 broken diffusers in aeration tank #2 and greased electric motors.

June 20 - Turned on mixers and air diffusers to mix sludge storage tanks for samples.

June 21 - Pumped down Wet Well and hosed with spray system. Started filling aeration 2.

June 26 - Unclogged raw sewage pump #3. Installed new grating. Cleaned out scum of secondary 1&2. Cleaned effluent weirs.

June 27 - Reset flare stack. Primary 2 flight and chain broken. Isolated primary 2 inlet flow. Completed UV channel and contact tank cleaning.

June 29 - Final 3 north siphon will not pull sludge and will not provide a vacuum when one is applied. Pipe is clogged, the tank will need to be emptied. Pumped down Wet Well and sprayed with the automatic system. Hays Electric onsite to reconnect floating aeration 2B&2A.

June 30 - Completed unclogging Raw Sewage Pump #1. Turned on small amount of air to Aeration #2 to prevent the tank from going septic (tank still offline). Lowered RAS pump #3 speed from 36 Hz to 30 Hz due to low level in hopper caused by slow siphoning on floating carriage for Final Clarifier #3.

Regulatory

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

Collection System Maintenance/Services:

June 13 - Foster's cameraing Yonge St. North/Queen St.

June 30 - 21 Peter St Sewer Camera

Fischer Dairy Subdivision Deficiencies

June 14 - Foster's at Fischer Dairy to clean Wet Well

The following issues are ongoing:

- Some drainage and grading work was completed to address the issue of water leaking into the pipe gallery of the building. Unfortunately this has not resolved the issue.
- 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

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

June 7- Monthly test run of generator

June 7- Calibrated turbidity analyzer

June 7- Cleaned chlorine analyzer injector point

June 7- Cleaned chlorine pump head

Chepstow:

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

June 7- Calibrated cl2 analyzer

June 8- Monthly test run of generator

June 8- Calibrated turbidity analyzer

June 8- Cleaned the chlorine injection point

June 8- Completed reference sensor checks for UV systems.

June 8- Completed Monthly UV Transmittance reading

Walkerton Water**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

June 7 - Monthly test run of North & South Tower generators

June 7 - Monthly test run of Walker West generator

June 8 - Monthly test run of Well #7/#9 generator

June 5 - Yonge St. & Campbell St. Cut & Cap Observation

June 8 - High Level alarm at the North Booster Station - SCADA levels may have been accidentally altered, operations normal

June 8/9 - Bacti sampling for temporary watermain on Yonge St.

June 13 - Hetek onsite to before maintenance on chlorinator

June 19 - New chlorine head installed. Added 1.2 kg of chlorine to weight of bottle because of changing bottle

June 21 - Fire hydrant work with Clow at Works Shop

June 28 - Misco at North Tower prepping tower work