

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

May 2023

Prepared by: Veolia Water

INTRODUCTION

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

WASTEWATER SYSTEM

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 **109,680** cubic meters, with an average daily flow of **3,538** cubic meters.

Leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill throughout the month.

Treated Flows:

The treated flows were **112,125** cubic meters, with an average daily flow of **3,616** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

- May 1** - Greased primary clarifier 1&2 and final clarifier 1&2 scum trough. Greased aerator 3&4.
- May 2** - Schaus Sanitation hauled 5 loads of seed to Hanover WWTP. Hetek on-site to calibrate gas monitors. Greased primary clarifier #3 motor and final 1&2 manual disconnect.
- May 3** - Test run generator. Turn building heat back on for the generator room. Schaus Sanitation hauled 3 loads of seed to Hanover WWTP. Unclogged raw sewage pump 3. Clean wet well.
- May 4** - Effluent sample clogged with algae. Clean out clog. Turned primary 1 valve back to auto.
- May 8** - Flushed supernatant line. Unclogged raw sewage pump 1. Shut off the heat in the drywell. Shut off office heat circulating pump and building recirc pump thermostat. Set ferric to 70 from 90.
- May 9** - Test run generator. Cleaned final weirs 1,2,3,4. Clean basket at brewery tank.
- May 10** - Completed samples for SGS labs. Cleaned UV bank B, and changed acti-clean gel also greased in hydraulics thread screw.
- May 11** - Effluent sampler clogged. Flushed sampler with dilute acid and water. Greased and removed rust on pulley wheels and level screw for UV crane. Cleaned Bank 1A #1 modules and greased.
- May 12** - Removed debris from final 1 siphon tube. Greased hydraulic motor and changed acti-clean gel in UV 1 bank 1A module 3.
- May 15** - Removed rags jammed in the center of the impeller of the circulating pump. Change oil and checked belts on Blower 1. Cleaned UV wiper in Bank 1A module 2&3.
- May 16** - Martin Energy group started working on BioGas Generator rebuild.
- May 17** - Raked wet well. Set ferric chloride pump 1 to 50 from 60. Test run temporary generator.
- May 18** - Martin Energy group completed work and returned the generator to service. Test ran Generator.
- May 23** - Turned on sludge storage mixer for samples. Running blower 2 and RAS 2 pump 2 for the day. Completed bi-weekly samples for SGS labs.
- May 24** - Shut off flow and valve for sludge and air for primary 3 to empty and clean. Transferring sludge from digester 2 to storage. Completed sludge storage samples for SGS labs. Return digester gas to blower for generator, still leaks so shut off.
- May 26** - Cleaning out primary clarifier #3.
- May 29** - Hays electric disconnect floating aerator 2A &2B for tank emptying and cleaning. Running blower 2 and RAS 2 pump 2 for the day. Removed a log of rags at the bottom of the steps screen which caused flow to enter the bypass screen. Shut off flow to aeration 2 and start emptying. Found hole in aeration 1 diffuser pipe second from the end. Shut off the diffuser.
- May 30** - Flush recirculating sludge line with raw sludge pump 2. Checked auto oil & air filter, checked exhaust fan belts, and switched to ferric pump 2. Scum removal from final 2. Raked bar screen and pumped out wet well. Installed piping to hose out wet well without entering.
- May 31** - Unclogged raw sewage pump 1 & 2. Remove scum from primary 1 & 2. Pumped down scum pit.

Regulatory

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

Collection System Maintenance/Services:

May 31 - Sewer backup at the St. Teresa of Calcutta School, Fosters flushed the line to clear the blockage.

Fischer Dairy Subdivision Deficiencies

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.
- New Raw Sewage pumps were installed on November 30th, and there have not been any clogging issues so far. Veolia will monitor this to ensure that this corrects the issues.

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

May 3- Monthly test run of generator

May 3- Calibrated turbidity analyzer

May 3- Cleaned chlorine analyzer injector point

May 3- Cleaned chlorine pump head

May 26- Water turn on for Jeff Sponge (Lake Rosalind Rd)

Chepstow:**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

May 9- Monthly test run of generator

May 9- Calibrated turbidity analyzer

May 9- Cleaned the chlorine injection point

May 9- Completed reference sensor checks for UV systems.

May 9- Completed Monthly UV Transmittance reading

May 17- Completed spring watermain flushing of the system

May 31 - Completed curb stop replacement at 46 John St for leaky shut off.

Walkerton Water**Regulatory**

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

May 1 - Observed tie-ins at the new Eastridge Condos

May 2 - Monthly test run of North & South generator

May 2 - Monthly test run of Well #7/#9 generator

May 3 - Monthly test run of Walker West generator

May 25 - Hach repaired NTU Analyzer

May 26 - Fixed scaling for NTU Analyzer