

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

December 2022

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **December 2022**.

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **December** the total influent flow was **95,180** cubic meters, with an average daily flow of **3,173** cubic meters.

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

Treated Flows:

The treated flows were **98,587** cubic meters, with an average daily flow of **3,286** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

Dec 1 - Cleaned out the grit chamber. Repaired broken molyfilm line. Cleaned the wet well and unclogged raw sewage pump #3. Tim from ICS changed SCADA the inlet alarms to be more specific.

Dec 2 - BGL on-site to fix the vent on the new ferric tank and check the level sensor.

Dec 5 - Test ran the generator. Test ferric pump after tank was filled.

Dec 8 - Unclogged raw sewage pump #1. Cleaned wet well.

Dec 13 - Hays Electric on-site to examine problem with raw sewage pump #3. Problem occurs when the pump is run on hand and will shut off with no error message on VDF.

Dec 14 - Cleaned final weirs. Henri from Trojan on-site to install the new display on the effluent UV system.

Dec 16 - Greased UV bank 1A and 1B. Ran wiper test when done. Bank 1B module #1 wiper not moving, contacted Trojan technical support.

Dec 21 - Flushed supernatant "t". Unassembled and installed covers for water channels on secondary clarifier #1.

Dec 22- Secondary digester level high, flushed supernatant line.

Dec 25- Floating carriages in final #3 stuck under snow. Removed snow and isolated final #3. Supernatant line drains out T but not to manhole, setup temporary drain line.

Dec 27 - Took Final Clarifier #4 out of service. Removed ice from final 1 tensioner gear.

Dec 28 - Unclogged raw sewage pump #1.

Dec 29 - Cleaned wet well and unclogged raw sewage #3. Flushed supernatant line on discharge side "T" out to manhole. Changed the water filter on the boiler.

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

No new items to report.

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

December 15- Monthly test run of generator

December 15- Calibrated turbidity analyzer

December 15- Cleaned chlorine analyzer injector point

December 15- Cleaned chlorine pump head

December 30- Calibrated chlorine analyzer

Chepstow:

Regulatory

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

December 4 - Received High Flow alarm - Clamp broke on top of filter housing, releasing a lot of water. Replaced clamp, and flushed the system

December 13, 19, 29, 30- Calibrated chlorine analyzer

December 13- Monthly test run of generator

December 13- Calibrated turbidity analyzer

December 13- Cleaned the chlorine injection point

December 13- Completed reference sensor checks for UV systems.

December 13- Change #1 Bulb in the #1 UV & test

December 14- Completed Monthly UV Transmittance reading

Walkerton Water

Regulatory

There were no regulatory issues for this reporting period.

Maintenance/Services Performed

December 1- Monthly test run of South Booster Station Generator.

December 1- Monthly test run of North Booster Station Generator.

December 1- Monthly test run of Walk West Booster Station Generator.

December 1 - Omega 2nd tie-in for main under Tim Horton's Bridge

December 12- Calibrated the turbidity analyzer.

December 12- Monthly test run of Well 7/9 Generator.

December 14- Repair 1" copper leak on Ontario St.

December 20 - Rebuilt #2 Cl2 head at well 7/9

December 21 - Hawkins vacuumed curbstop on Rideout St.

December 28 - Repaired a 6 inch water main break in front of 711 Mary St.