

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

December 2023

Prepared by: Veolia Water

INTRODUCTION

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

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 **93,374** cubic meters, with an average daily flow of **3,008** cubic meters.

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

Treated Flows:

The treated flows were **105,665** cubic meters, with an average daily flow of **3,408** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

December 5 - Unclogged raw sewage pump #3

December 6 - Brought primary clarifier #1 online. Tightened the packing on transfer valves, and raw sewage pump #2.

December 7 - Unclogged sludge recirculation pump.

December 8 - Unclogged raw sewage pump #2 and sludge recirculation pump.

December 12 - Test run generator at WWTP.

December 15 - Replaced boiler room air compressor motor pulley.

December 18 - Hays onsite to wire up headwork building sump-pump and looking at the ferric meter. Troys onsite looking at heating issue (motor) put sump pump piping together and test ran pump. Installed new drain on washroom sink.

December 19 - Unclogged raw sewage pump #1 and RAS Pump #1 and #3.

December 20 - Hays onsite working on ferric meter.

December 21 - Unclogged raw sewage pump #3.

December 22 - The automatic step screen suffered a failure, and had to be removed from service

December 27 - Test run generator at the WWTP. Unclogged raw sewage pump #2 and #3.

Regulatory

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

Collection System Maintenance/Services:

December 12 - Test run generator at Fischer Dairy sewage pumping station.

December 13 - Hawkins cleaned out the Fischer Dairy Wet well

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

December 22 - MOE Inspection of the Drinking Water System was completed.

Maintenance/Services Performed

December 13 - Monthly test run of generator

December 13 - Calibrated turbidity analyzer

December 13 - Cleaned chlorine analyzer injector point

December 13 - Cleaned chlorine pump head

Chepstow:

Regulatory

December 22 - MOE Inspection of the Drinking Water System was completed.

Maintenance/Services Performed

December 12- Cleaned Chlorine analyzer

December 12 - Monthly test run of generator

December 12 - Calibrated turbidity analyzer

December 12 - Cleaned the chlorine injection point

December 12 - Completed reference sensor checks for UV systems.

December 12 - Completed Monthly UV Transmittance reading

Walkerton Water

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

December 12 - Monthly test run of Walker West Generator

December 12 - Monthly test run of Well #7/#9 generator

December 13 - Monthly test run of South Tower Generator

December 13 - Attempted to start the North Booster generator, but it would not start. Sommers onsite to replace batteries, ok now.

December 14 - Monthly test run of North Tower Generator

December 14 - Water shut off at 414 Cayley St. for repair

December 15 - Water shut off at 709 Maple St. for repair

December 19 - Jockey Pump failed to start at South Tower. Reset, ok.