

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

February 2024

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **February 2024**.

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **February** the total influent flow was **98,099** cubic meters, with an average daily flow of **3,382** cubic meters.

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

Treated Flows:

The treated flows were **106,473** cubic meters, with an average daily flow of **3,671** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

February 1 - Sludge transfer from secondary digester to the holding tank. Unclogged Raw Sewage Pump #1.

February 2 - Unclogged Raw Sludge Pump #1. Repaired wear strips on primary clarifier #1.

February 5 - Removed debris from air grit pipe.

February 6 - Greased and changed oil on Primary #1 and #3 cross collectors. Changed tube in Ferric Pump #1.

February 7 - Changed oil on Primary Clarifier # 1 & #3 chain/flight gear boxes. Changed oil on Secondary #1 and #2 Cross Collectors and chain/flight gear boxes.

February 8 - Unclogged Raw Sewage Pump #1.

February 9 - Unclogged Raw Sludge Pump #1, RAS Pump #1, RAS Pump #3.

February 14 - Changed oil on Raw Sludge Pump #1 and recirculator pump. Took apart RAS Pump #2 due to water/sludge in oil chambers.

February 15 - Unclogged Raw Sewage Pumps #2 and #3.

February 20 - Thawed out siphon tube for Final #3 Floating Carriage.

February 22 - Unclogged Raw Sewage Pump #1 and #2

February 23 - Unclogged Raw Sewage Pump #1

February 26 - Flushed supernatant line in digester building

February 27 - Did maintenance on UV bank 1B (cleaning/Acti-gel)

February 28 - Did oil change on basement compressor

February 29 - Unclogged Raw Sewage Pump #1

Regulatory

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

Collection System Maintenance/Services:

No new items to report.

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**

No regulatory issues to report.

Maintenance/Services Performed

February 7 - Monthly test run of generator

February 7 - Calibrated turbidity analyzer

February 7 - Cleaned chlorine analyzer injector point

February 7 - Cleaned chlorine pump head

Chepstow:**Regulatory**

No regulatory issues to report.

Maintenance/Services Performed

February 13 - Cleaned Chlorine analyzer

February 13 - Monthly test run of generator

February 13 - Calibrated turbidity analyzer

February 13 - Cleaned the chlorine injection point

February 13 - Completed reference sensor checks for UV systems.

February 13 - Completed Monthly UV Transmittance reading

February 13 - Fixed leak on chlorine board

Walkerton Water**Regulatory**

No regulatory issues to report.

Maintenance/Services Performed

February 6 - Monthly test run of Walker West Generator

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

February 6 - Completed UV Reference Sensor check for Well #7/#9

February 7 - Monthly test run of South Tower Generator

February 7 - Monthly test run of North Tower Generator

February 22 - Fixed curb stop at 5 Mullen Dr.