

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

April 2024

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INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **April** the total influent flow was **123,899** cubic meters, with an average daily flow of **4,130** cubic meters.

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

Treated Flows:

The treated flows were **128,104** cubic meters, with an average daily flow of **4,270** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

April 1 - Completed annual valve turning

April 4 - Unclogged Raw Sewage Pump #3

April 5 - Unclogged Raw Sewage Pump #1

April 8 - Flushed supernatant line due to supernatant line due to clogging

April 9 - Completed sludge transfer from secondary digester to holding tank. Burnt wire in electrical panel for aerator 2. Disconnected and disabled floating aerator 2B.

April 10 - Changed oil and filter for UV hydraulic system

April 11 - Unclogged Raw Sewage Sludge Pump #1 and #2.

April 12 - Unclogged Raw Sewage Pump #1

April 15 - Unclogged Raw Sewage Pump #2.

April 16 - Cleaned filter for Blower #2

April 17 - Unclogged Raw Sewage Pump #3

April 18 - Unclogged Raw Sewage Pump #1 and #2

April 22 - Flushed siphon tubes for carriage #3 due to high sludge levels.

April 25 - Received Raw Sludge pump ground fault alarm. Switched Pump duties. Unclogged Raw Sewage Pump #2 and #3. Unclogged Raw Sludge Pump #1. Unclogged and hosed down brewery tank and line.

April 30 - Unclogged Raw Sewage Pump #1. Added 4L of inhibitor into the boiler. Changed boiler filter.

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

April 3 - Monthly test run of generator

April 3 - Calibrated turbidity analyzer

April 3 - Cleaned chlorine analyzer injector point

April 3 - Cleaned chlorine pump head

April 9 - Flow meter verifications

Chepstow:

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

April 2 - UV failure due to power outage

April 9 - Flow meter verifications

April 17 - Cleaned Chlorine analyzer

April 17 - Monthly test run of generator

April 17 - Calibrated turbidity analyzer

April 17 - Cleaned the chlorine injection point

April 17 - Completed reference sensor checks for UV systems.

April 17 - Completed Monthly UV Transmittance reading

April 18 - Chlorine pump #2 failure. Operator cleaned flow sensor and returned to service

April 22 - UV# 2 Solenoid failure resulted in a loss of system pressure, flushed the system following the repair

April 25 - Backflow verification by Troy's Plumbing and Heating.

Walkerton Water

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

April 1 - Monthly test run of South Tower Generator

April 1 - Monthly test run of North Tower Generator

April 2 - Monthly test run of Walker West Generator

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

April 2 - Completed UV Reference Sensor check for Well 7/9

April 2 - Repaired curb stop at 405 Yonge St.

April 3 - Calibrated UVT Optiview at Well #7/9

April 9 - Flow meter verifications

April 17 - Replaced UVT Optiview bulb