

## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

March 2024

Prepared by: Veolia Water

#### INTRODUCTION

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

#### WASTEWATER SYSTEM

##### Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **March** the total influent flow was **112,730** cubic meters, with an average daily flow of **3,636** cubic meters.

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

##### Treated Flows:

The treated flows were **120,946** cubic meters, with an average daily flow of **3,901** cubic meters.

##### Required Analysis as per ECA

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

### Repairs and Maintenance Details:

- March 1** - Doug Schaus from Schaus Sanitation took one load of seed sludge to the Kincardine leachate plant.
- March 5** - Unclogged Raw Sewage Pump #1.
- March 6** - Replaced 1 ½" brass valve on effluent system.
- March 7** - Unclogged Raw Sewage Pumps #2 and #3. Removed and prepped on skid to send to Gorman Rupp Pumps for rebuild.
- March 11** - Unclogged Return Activated Sewage (RAS) Pump #1. Troubleshooting effluent sampler issues.
- March 12** - Generator test run complete. Cleaned DO Probe. Completed UV Bank A maintenance (grease acti-gel).
- March 13** - Replaced building heat pump with new pump. Fixed and adjusted basement air compressor pressure switch. Calibrated ferric level sensor. Removed step screen from channel.
- March 14** - Unclogged Raw Sewage Pumps #1 and #3. Continued work on effluent sampler.
- March 15** - Unclogged air lift grit pipe.
- March 18** - Ran 18 m3 of Belgrave sludge through the plant.
- March 20** - Unclogged Raw Sewage Pump #1. Unclogged RAS Pumps #1 and #3. Greased primary air valves. Finished effluent sampler repair.
- March 21** - Unclogged Raw Sewage Pump #1. Calibrated pH meter.
- March 22** - Generator test run. Unclogged Raw Sewage Pump #2.
- March 26** - Generator Test run. Repairing Boiler Room Pumps #2 and #3.
- March 27** - 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:

**March 21/22** - The Onsite portion of the DWQMS Re-Accreditation audit was completed. There were no non-conformances noted for the audit. A copy of the audit report is attached.

#### 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

**March 6** - Monthly test run of generator

**March 6** - Calibrated turbidity analyzer

**March 6** - Cleaned chlorine analyzer injector point

**March 6** - Cleaned chlorine pump head

**Chepstow:**

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

**March 13** - Cleaned Chlorine analyzer

**March 13** - Monthly test run of generator

**March 13** - Calibrated turbidity analyzer

**March 13** - Cleaned the chlorine injection point

**March 13** - Completed reference sensor checks for UV systems.

**March 13** - Completed Monthly UV Transmittance reading

**Walkerton Water**

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

**March 4** - Monthly test run of Walker West Generator

**March 4** - Monthly test run of South Tower Generator

**March 4** - Monthly test run of North Tower Generator

**March 5** - Monthly test run of Well #7/#9 generator

**March 5** - Completed UV Reference Sensor check for Well 7/9

**March 5** - Replaced duty sensor on UV #1 for lamps #1 and #4

**March 5** - Completed flow test with Miller Fire Prevention on Shortt St

**March 11** - UV Transmittance analyzer failed at Well 7/9

**March 12** - Hays Electric onsite at Well 7/9 to troubleshoot optiview on the UV Transmittance Analyzer

**March 19** - Hays Electric at Well 7/9 to fix the optiview on the UV Transmittance Analyzer

**March 26** - Replaced North Tower chlorine analyzer probe with chlorine analyzer probe from Lake Rosalind as it had gone bad.

**March 28** - Repaired broken hydrant on Eastridge Rd by Luxury Woodworking