

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

January 2023

Prepared by: Veolia Water

INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **January** the total influent flow was **120,063** cubic meters, with an average daily flow of **3,873** cubic meters.

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

Treated Flows:

The treated flows were **122,880** cubic meters, with an average daily flow of **3,964** cubic meters.

Required Analysis as per ECA

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

Repairs and Maintenance Details:

Jan 4 - Started filling final #4 after cleaning out sludge. UV minor alarm for Bank B and alarm clears on its own - Alarm is due to an issue with the UV intensity sensor.

Jan 5 - Reset flare stack. DS Electrical on site to fit the thermostat to the ferric tank heat system. HEC onsite to install snow guards on the roof over the UV channel. Final #4 online. Set Boiler to Natural Gas from auto to see if it prevents the boiler from shutting off.

Jan 9 - Gas Logics onsite found a water trap plugged and inoperable (handle would move but no water would drain. After repair the boiler would operate normally. Test run generator and started on the second crank. Note low battery warning and schedule maintenance check up. Clean blower #1 air filter and test run blower #2.

Jan 11 - Received new dumpster from Miller Waste.

Jan 12 - Supernatant line not draining at "T" or manhole, so flushed line. Trojan on-site to troubleshoot UV system. Found defective UV sensor and cylinder for wiper. Hays electric and Ideal onsite to check out raw sewage pump 3 VFD, while doing wet well. Unclogged Raw sewage pump #1 and #2. Henry from Roland on site to look at the generator and batteries, found batteries in need of replacement. Raw sewage pump 3 VFD shutting off due to current overload on VFD and not displaying error message.

Jan 13 - Turned primary valves #1 on as sludge depths were 12" and 16"

Jan 17 - Flushed Digester supernatant line.

Jan 18 - Changed out batteries in generator and tested generator.

Jan 19 - Supernatant line blocked between sample "T" and digester #2, so flushed the line.

Jan 23 - Replaced battery in carbon monoxide alarm for generator room. Unclogged raw sewage pump 3. Cleaned clarifies weirs and UV weirs.

Jan 26 - Changed oil in raw sludge pump 1 and oil in blower 2. Greased blower 2 and test ran.

Jan 31 - Trojan onsite to repair wiper cylinder and UV sensor on Bank B. During the repair frozen gel in wipers caused the wiper to be damaged and break sleeves. Trojan technician to return to site tomorrow to complete repairs.

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:

January 25 - Brockton 36 Month Risk Assessment was conducted

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

January 10- Completed quarterly samples

Maintenance/Services Performed

January 10,12- Calibrated chlorine analyzer

January 12- Monthly test run of generator

January 12- Calibrated turbidity analyzer

January 12- Cleaned chlorine analyzer injector point

January 12- Cleaned chlorine pump head

Chepstow:

Regulatory

January 10- Completed quarterly samples

Maintenance/Services Performed

January 5,16, 24- Calibrated chlorine analyzer

January 17- Monthly test run of generator

January 17- Calibrated turbidity analyzer

January 17- Cleaned the chlorine injection point

January 17- Completed reference sensor checks for UV systems.

January 17- Completed Monthly UV Transmittance reading

Walkerton Water

Regulatory

January 10- Completed quarterly samples

January 13- MECP Inspection at Well 7&9

Maintenance/Services Performed

January 3- Monthly test run of South Booster Station Generator.

January 3- Monthly test run of North Booster Station Generator.

January 3- Monthly test run of Walk West Booster Station Generator.

January 4- Calibrated the turbidity analyzer.

January 4- Monthly test run of Well 7/9 Generator.

January 4- Replace vent line for chlorine heads.

January 12- Hays Electric at the South Tower to work on VFD for the Mixer

January 18- H2Flow Service UV's