



MUNICIPALITY OF BROCKTON

MONTHLY REPORT

November 2018

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **November 2018**.

WASTEWATER SYSTEM

Operational Parameters:

All Results have been entered into the Hach WIMS database, and are available on request.

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **November** the total influent flow was **106,468** cubic meters, with an average daily flow of **3,549** cubic meters.

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

Treated Flows:

The treated flows were **106,183** cubic meters, with an average daily flow of **3,539** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

Nov 1- Microage on site to fix the internet/network issues for the SCADA system
Nov 2- Calibrated the Chlorine Analyzer (CL17)
Nov 5- Calibrated the pH meter, tested the chlorine gas alarm system, cleaned the D.O. probe, continued to clean out aeration tank 1
Nov 7- Hetek calibrated all on site gas monitors
Nov 8- Completed annual exhaust fan inspections, reset SCADA
Nov 12- Unclogged the Return Activated Sludge line for final clarifier 1, calibrated the Chlorine Analyzer
Nov 13- Finished cleaning aeration tank 1, replaced 1 air diffuser and greased the floating mixers in aeration tank 1, replaced all of the stainless steel clips on both mixers in aeration tank 1
Nov 14- Put aeration tank 1 online, replaced the anchor clips on floating mixer 2B, put final clarifiers 3&4 online
Nov 15- Greased blower 2
Nov 16- RKS on site to troubleshoot issue with floating carriage #3, oiled the North pulley on final clarifier #3
Nov 19- Took the grit chamber offline
Nov 20- Price Schonstrom on site to replace a section of air line and a valve for the grit air lift tubes, put the grit chamber online
Nov 21- Changed the reagents in the Chlorine Analyzer, Generator alarmed and shut down, Rolan inc on site to fix the issue with the generator, RKS on site to adjust the overload settings on the speed control for floating carriage #3,
Nov 23- Greased Raw sewage pump #3
Nov 27- Price Schonstrom installed Raw Sludge Pump #2 and Return Activated Sludge Pump #1, put primary clarifiers 1 and 2 online, put Return Activated Sludge pump #1 online, took Return Activated Sludge pump #2 offline,
Nov 28- Changed the oil in Raw Sludge pump #1 and Return Activated Sludge pump #2, flushed the raw sludge piping
Nov 30- Put raw sludge valves 1&2 online, installed the new cooling water line for Raw Sludge pump #2, flushed the raw sludge lines

Regulatory

There were no Regulatory issues for this reporting period.

Collection System Maintenance/Services:

No issues for the reporting period.

WATER SYSTEMS

DWQMS:

No new items to report.

Lake Rosalind:**Operational Parameters:**

All Results have been entered into the Hach WIMS database, and are available on request.

Regulatory

November (throughout) - Dealt with the Health Unit in regards to exceeding the Maximum Allowable Concentration for sodium in the treated water. A letter has been sent to the users to notify them of the exceedance. Notifying the users is required every 5 years and was last completed in 2013.

Maintenance/Services Performed

November 14 - Monthly test run of Generator.

November 28-30 - Lotowater was on site testing Well 1 and 3. As part of this work a new well pump was installed, and a video inspection was completed on Well 3.

Chepstow:**Operational Parameters:**

All Results have been entered into the Hach WIMS database, and are available on request.

Regulatory

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

November 1 - ICS Instrumentation was on site to finish SCADA scaling work on UV unit #1

November 13 - Monthly test run of Generator.

November 13 - Completed monthly UV reference sensor check.

Walkerton Water**Operational Parameters:**

All Results have been entered into the Hach WIMS database, and are available on request.

Regulatory

There were no Regulatory issues for this reporting period.

Consumer Requests and Actions Completed:

All requests have been faxed to the Municipal Office

Maintenance/Services Performed

November 1 - Completed reference sensor check for UV system

November 12 - Monthly test run of South Booster Station Generator.

November 12 - Monthly test run of North Booster Station Generator.

November 14 - Monthly test run of Well 7 and 9 Generator.

November 24 - Landmark finished South Standpipe work that will take place in 2018. They will return in the Spring of 2019 to complete the remaining work.