

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

April 2019

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **April 2019**.

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 **April** the total influent flow was **183,326** cubic meters, with an average daily flow of **6,111** cubic meters.

256.5 m³ of leachate was received at the Walkerton WWTP from the Walkerton-Hanover Landfill.

Treated Flows:

The treated flows were **181,537** cubic meters, with an average daily flow of **6,051** cubic meters.

Required Analysis as per ECA

Walkerton Wastewater Annual/Monthly Report figures are in Hach WIMS

Repairs and Maintenance Details:

- April 1- Digester decant line plugged again, switched duty ferric pump, set up the temporary digester decant system, rebuild gas chlorine head #1 because of a leak
- April 2- TSSA on site to inspect the flare stack upgrades, removed Return Activated Sludge pump #3 and prepped it for shipping,
- April 3- Removed the final seized gate from final clarifier #3
- April 4- Rolan inc on site to service the bio-gas generator, Acu-tec on site to test and inspect the lifting devices and harnesses
- April 5- **ALARM**- Low chlorine- issue with chlorinator head #2 (needs rebuilt), flushed all 3 raw sludge lines
- April 10- Calibrated the chlorine analyzer
- April 11- Greased primary clarifier #2, BM Ross on site to inspect the primary digester roof
- April 15- Greased primary clarifier #3, rebuilt a chlorinator head
- April 16- **ALARM**- generator failed
- April 17- **ALARM**- inlet no flow due to an issue with Raw Sewage Pump #2's Variable Frequency Drive, repaired an air leak on the suction flange for blower #2, Rolan Inc on site to investigate the generator issue
- April 22- Calibrated the pH meter, greased all final clarifiers, tested chlorine gas alarm system, cleaned the dissolved oxygen probe
- April 23- Switched ferric pump duty, replaced a chlorinator head with a rebuilt one
- April 24- Unclogged the digester decant line
- April 25- Flushed all raw sludge lines, changed the reagents in the chlorine analyzer, replaced a leaking fitting on the chlorine gas injection water line, the chlorine analyzer stopped working (replaced it with a spare), **ALARM**- high chlorine (calibrated the analyzer)
- April 26- **ALARM**- Raw sewage pump 2 failure, replaced a leaking fitting on the gas chlorine system, adjusted raw sewage pump 2 variable frequency drive setpoints after a discussion with Dewar electric
- April 27- **ALARM**- High chlorine
- April 29- Installed a new inlet gate on final clarifier #3, re-built a gas chlorinator head to have as a spare
- April 30- Took primary clarifiers 1&2 offline for inspection and to prepare for the upcoming cross collector overhaul, adjusted the start/stop proximity switch on the step screen, Installed a new inlet gate on final clarifier #3

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

There were no Regulatory issues for this reporting period.

Maintenance/Services Performed

April 10 - Monthly test run of Generator.

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

April 5 - Changed cap and electrolyte for Chlorine Analyzer.

April 10 - Monthly test run of Generator.

April 10 - Completed monthly UV reference sensor check. Also cleaned UV sensors.

April 24 - Completed Spring water main flushing.

Walkerton WaterOperational 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

April 3 - Completed reference sensor check for UV system.

April 3 - Changed cap and electrolyte for Chlorine Analyzers

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

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

April 5 - Monthly test run of Well 7 and 9 Generator.