

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

March 2025

Prepared by: Veolia Water

INTRODUCTION

The following report summarizes operational data, maintenance activities and compliance issues identified during the month of **March 2025**.

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 **206,743** cubic meters, with an average daily flow of **6,669** cubic meters.

The Walkerton WWTP received **1,147 m³** of leachate from the Walkerton-Hanover Landfill for the month of March.

Treated Flows:

The treated flows were **213,898** cubic meters, with an average daily flow of **6,899** cubic meters.

****Flows for the month of March were increased due to increased precipitation and snow melt.***

Required Analysis as per ECA

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

Repairs and Maintenance Details:

| Date | Description |
|-----------------|---|
| March 3 | Unclogged Raw Sewage Pump #1 |
| | Unclogged RAS Pump #1 |
| | Split Raw Sewage Pump #1 to access wear rings |
| | Flushed supernatant line |
| March 4 | Took apart supernatant plumbing due to blockage |
| | Assisted Wellington Replacing valves/check valves for RASP #2. NOTE: two check valves and two knife valves. |
| March 5 | Bi-weekly generator test run. |
| | Assisted Wellington replacement, one more knife gate valve |
| | Unclogged Raw Sewage Pump #1 |
| | Removed debris from wear rings / reassembled and brought raw sewage pump #1 online |
| March 6 | Unclogged Raw Sewage Pumps #1, 2, and 3 |
| | Replaced sensor sleeve and two lamps on Bank 1B |
| | Unclogged Raw Sewage Pump #1 |
| March 7 | Unclogged Raw Sewage Pump #1 |
| | Unclogged North Grit Pipe |
| March 10 | Tightened packing on Primary #1 Air Valve |
| March 11 | Unclogged Raw Sludge Pump #1 |
| March 12 | Unclogged Raw Sewage Pump #2 |
| | Unclogged RASP #1 |
| | Replaced two lamps in spare UV Bank |
| March 13 | Unclogged Raw Sewage Pump #1 |
| March 14 | Unclogged Raw Sludge Pump #1 |
| March 17 | Hays onsite wiring new 3" Trash Pump |
| | Hays also troubleshooting voltage issues with Raw Sewage Pumps during high flows over the weekend |
| | Unclogged Raw Sludge Pump #1 |
| March 18 | Flushed Primary #1 Raw Sludge Line |
| | Unclogged Raw Sludge Pump #1 |
| | Removed algae from each UV module |
| March 19 | Unclogged Sludge Recirculation Pump (required removing pipes) |
| | Filled Carriage #4 gearbox with oil. Secured cap with gear clamps |

| | |
|-----------------|---|
| March 20 | Diverted flow into empty tanks during MCC shut down test and UV generator wiring |
| March 21 | Unclogged Sludge Recirculation Pump |
| | Tighten packing on Raw Sludge Pump #2 |
| | Unclogged North Grit Pipe |
| March 24 | Unclogged sludge recirculation pump |
| | Diverted flow into empty tanks during MCC plant shut down |
| March 25 | Pumping out Primary #1 due to improper Raw Sludge Pumping |
| | Pumping out tanks with diverted flow from shut down |
| | Troubleshooting issue with Raw Sludge Pump Control Panel |
| March 26 | Continuing with Primary #1 cleanout |
| | Hays onsite to replace fuse in Raw Sludge- Control Panel and worked in new GF1 outlet for DO Sensor |
| March 27 | Continuing with Primary #1 cleanout - pailed out sand/grit |
| | Tighten tension sprocket - primary #1 Sludge - Hopper |
| | Hays onsite to replace relay in Raw Sludge-Control Panel |
| | Installed Gasket/new belts on sludge recirculation pump |
| March 28 | Bi-weekly generator test run. |
| March 30 | Unclogged Raw Sludge Pump #1 |
| March 31 | Flushed Supernatant Line with Effluent Pump |
| | Unclogged RAS Pump #1 |
| | Unclogged Raw Sewage Pump #1 |
| | Unclogged Raw Sludge Pump #1 |

Regulatory

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

Collection System Maintenance/Services:

March throughout - Temporary generator still installed at Fischer Dairy.

No new items to report

WATER SYSTEMS

DWQMS:

There are no items to report for this month.

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

March 11 - Completed 15.1 Alkalinity sampling

No regulatory issues to report.

Maintenance/Services Performed.

| Date | Description |
|----------------|---------------------------------|
| March 5 | Monthly Generator Test Run |
| March 5 | Calibrated Turbidity Analyzer |
| March 5 | Cleaned Chlorine Injector Point |

Chepstow:

Regulatory

March 11 - Completed 15.1 Alkalinity sampling

No regulatory issues to report.

Maintenance/Services Performed

| Date | Description |
|-----------------|--|
| March 10 | UV #2 lamp burnt out - Replaced lamp, restarted and ok. |
| March 12 | Cleaned Chlorine Analyzer |
| March 12 | Monthly Generator Test Run |
| March 12 | Calibrated Turbidity Analyzer |
| March 12 | Cleaned Chlorine Injection Point |
| March 12 | Completed UV Reference Sensor Check |
| March 27 | Hays replaced broken outdoor light at the Chepstow Pumphouse |

Walkerton WaterRegulatory**March 11** - Completed 15.1 Alkalinity sampling

No regulatory issues to report.

Maintenance/Services Performed

| Date | Description |
|----------------|--|
| March 3 | Watermain break at 15 Ridout St |
| March 3 | Walker West Booster Station - Monthly Generator Test Run |
| March 3 | South Tower - Monthly Generator Test Run |
| March 4 | North Tower - Monthly Generator Test Run |
| March 5 | Pumphouse - Calibrated Turbidity Analyzer |
| March 5 | Pumphouse - Completed UV Reference Sensor Check |
| March 5 | Pumphouse - Monthly Generator Test Run |
| | |

Current Licences and Permits Expires

| Walkerton Drinking Water System | | | |
|--|------------------|-------------------|---------------|
| Licence/Permit | Number | Expiry | Limit |
| Permit to Take Water Well #1 | P-300-8305755137 | December 10, 2034 | 7,139,520 L/d |
| Municipal Drinking Water Licence | 081-103 #3 | July 21, 2026 | 7,139 m3/day |
| Drinking Water Works Permit | 081-203 #3 | July 21, 2026 | |

| Chepstow Drinking Water System | | | |
|---------------------------------------|---------------|----------------|--------------|
| Licence/Permit | Number | Expiry | Limit |
| Permit to Take Water Well #1 | 1248-CDESUX | April 27, 2032 | 216000 L/d |
| Municipal Drinking Water Licence | 081-101 #3 | July 21, 2026 | 228 m3/day |
| Drinking Water Works Permit | 081-201 #3 | July 21, 2026 | |

| Lake Rosalind Drinking Water System | | | |
|--|------------------|---------------|---|
| Licence/Permit | Number | Expiry | Limit |
| Permit to Take Water Well #1, Well#3 | P-300-1273535550 | July 31, 2034 | 30,240 L/d (Well #1) 110,592 L/d (Well #3) |
| Municipal Drinking Water Licence | 081-102 #3 | July 21, 2026 | 115m3/day |
| Drinking Water Works Permit | 081-202 #3 | July 21, 2026 | |