

## MUNICIPALITY OF BROCKTON

### MONTHLY REPORT

December 2025

Prepared by: Veolia Water

#### INTRODUCTION

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

#### WASTEWATER SYSTEM

##### Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **December**, the total influent flow was **105,833** cubic meters, with an average daily flow of **3,414** cubic meters.

The Walkerton WWTP received **1,255 m<sup>3</sup>** of leachate from the Walkerton-Hanover Landfill for the month of December.

##### Treated Flows:

The treated flows were **101,007** cubic meters, with an average daily flow of **3,258** cubic meters.

##### Required Analysis as per ECA

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

Repairs and Maintenance Details:

Date	Description
<b>December Throughout</b>	- Pumped down scum pit
<b>December 3</b>	<ul style="list-style-type: none"> <li>- Unclogged raw sludge pump #1</li> <li>- Unclogged RAS pump #1</li> <li>- Unclogged raw sewage pump #1</li> <li>- Improved siphon on final clarifier #4</li> </ul>
<b>December 4</b>	- Pumped down wetwell
<b>December 5</b>	<ul style="list-style-type: none"> <li>- Unclogged raw sludge pump #1</li> <li>- Manually pumped from all three primaries</li> <li>- Plugged in heat trace on digester roof for gas lines</li> <li>- Unclogged raw sludge pump #1 again due to clogging from extra pumping</li> </ul>
<b>December 7</b>	- Turned all raw sludge pumping off due to the roof level indicator being maxed out, still room in the digester.
<b>December 9</b>	<ul style="list-style-type: none"> <li>- Turned raw sludge pumping back on as roof level coming back to normal levels</li> <li>- Unclogged raw sludge pump #1</li> <li>- Unclogged raw sewage pump #3</li> <li>- Manually pumping out primaries due to thick sludge levels</li> <li>- Test ran the generator, the generator did not return to hydro on transfer. Hays Electric came to look at the generator. Determined problem to be a broken switch on the hydro pole. Westario came and repaired the switch. Power was restored.</li> <li>- Unclogged raw sludge pump #1 again due to clogging from extra pumping</li> <li>- The boiler was leaking from underneath, contacted Gaslogics, they are coming to look at boiler</li> </ul>
<b>December 11</b>	<ul style="list-style-type: none"> <li>- Final clarifier not working properly, took the clarifier offline.</li> <li>- Gaslogics inspected the boiler, replaced a valve switch. Boiler now working on digester gas</li> </ul>
<b>December 12</b>	<ul style="list-style-type: none"> <li>- Turned on heater for blower room water trap</li> <li>- Unclogged raw sludge pump #1</li> <li>- Unclogged RAS pump #1</li> <li>- Turned raw sludge pumping on to primary #1</li> </ul>
<b>December 14</b>	<ul style="list-style-type: none"> <li>- Final clarifier #4 clutch tripped. Carriage stuck on weirs due to the weight of snow. Shoveled off the carriage. Now working normal</li> <li>- Final #4 clutch tripped again</li> </ul>
<b>December 16</b>	<ul style="list-style-type: none"> <li>- Manually pumping sludge from primary clarifiers #2 &amp; #3</li> <li>- Transferred sludge from secondary digester to sludge holding tank</li> <li>- Continued pumping out final clarifier #3, replaced hoses due to freezing</li> <li>- Unclogged raw sludge pump #1</li> </ul>
<b>December 17</b>	<ul style="list-style-type: none"> <li>- Boiler not running, switched from digester gas to natural gas</li> <li>- Unclogged sludge recirculating pump</li> </ul>

	<ul style="list-style-type: none"> <li>- Chain fell off final clarifier #4, put chain back on</li> <li>- Flushed the digester decant line</li> </ul>
<b>December 18</b>	<ul style="list-style-type: none"> <li>- Test ran RAS pump #2</li> <li>- Test ran floating aerators</li> <li>- Raked the wetwell bar screen</li> <li>- Pumped down the wetwell</li> <li>- Unclogged Raw sewage pump #1</li> <li>- Unclogged raw sewage pump #3</li> <li>- Attempted blower #1 test run, faulted on motor overload. Hays will inspect the issue in the new year</li> <li>- Removed scum from clarifiers</li> </ul>
<b>December 19</b>	<ul style="list-style-type: none"> <li>- Unclogged raw sludge pump #1</li> </ul>
<b>December 22</b>	<ul style="list-style-type: none"> <li>- Called out for a UV critical alarm, the flow sensor was reading inaccurately. Wiped sensor, and removed a panel from the channel to allow steam/condensation to escape. Sensor now working normal</li> <li>- Test ran the generator</li> <li>- Replaced the dry well furnace filter</li> <li>- Unclogged raw sludge pump #1</li> </ul>
<b>December 23</b>	<ul style="list-style-type: none"> <li>- Pumped down the wetwell</li> <li>- Unclogged raw sewage pump #2</li> </ul>
<b>December 24</b>	<ul style="list-style-type: none"> <li>- Unclogged raw sludge pump #1</li> <li>- Improved siphon on final carriage #4</li> </ul>
<b>December 28</b>	<ul style="list-style-type: none"> <li>- Received high inlet flow alarm due to high flows, raked bar screen</li> </ul>
<b>December 29</b>	<ul style="list-style-type: none"> <li>- Unclogged raw sludge pump #1</li> <li>- Unclogged raw sewage pump #3</li> </ul>
<b>December 30</b>	<ul style="list-style-type: none"> <li>- E-stop alarm on generator, reset fault by pulling fuse from power box and putting it back in</li> <li>- Test ran generator</li> <li>- Improved siphon on final #4 carriage</li> </ul>
<b>December 31</b>	<ul style="list-style-type: none"> <li>- Unclogged raw sludge pump #1</li> </ul>

Regulatory

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

Collection System Maintenance/Services:

**December 9** - Completed monthly generator test run at Fischer Dairy SPS.

**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

No regulatory issues to report.

Maintenance/Services Performed.

Date	Description
<b>December 16</b>	<ul style="list-style-type: none"> <li>- Monthly Generator Test Run</li> <li>- Calibrated Turbidity Analyzer</li> <li>- Cleaned Chlorine Injector Point</li> </ul>

**Chepstow:**

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
<b>December 16</b>	<ul style="list-style-type: none"> <li>- Cleaned Chlorine Analyzer</li> <li>- Monthly Generator Test Run</li> <li>- Calibrated Turbidity Analyzer</li> <li>- Cleaned Chlorine Injection Point</li> <li>- Monthly UV reference sensor checks</li> </ul>

**Walkerton Water**Regulatory

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
<b>December 1</b>	- Completed watermain tie-in for the new LiUNA training facility on Creighton Rd.
<b>December 8</b>	<ul style="list-style-type: none"> <li>- South Booster: test run diesel generator</li> <li>- Walker West: Test run diesel generator</li> <li>- Pumphouse: Test run diesel generator</li> <li>- Pumphouse: Calibrate turbidity analyzer</li> <li>- Pumphouse: Monthly UV reference sensor checks</li> <li>- Completed the first bacti samples for the new LiUNA building site</li> <li>- Hetek onsite for chlorine gas monitor inspection</li> </ul>
<b>December 9</b>	- North Booster: Test run diesel generator
<b>December 15</b>	- Watermain repair at the intersection of Yonge St & Bill St & Brown's Ave
<b>December 16</b>	- Watermain repair at Bill St
<b>December 19</b>	- Watermain repair at Pine St

Current Licences and Permits Expires

<b>Walkerton Drinking Water System</b>			
<b>Licence/Permit</b>	<b>Number</b>	<b>Expiry</b>	<b>Limit</b>
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	

<b>Chepstow Drinking Water System</b>			
<b>Licence/Permit</b>	<b>Number</b>	<b>Expiry</b>	<b>Limit</b>
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	

<b>Lake Rosalind Drinking Water System</b>			
<b>Licence/Permit</b>	<b>Number</b>	<b>Expiry</b>	<b>Limit</b>
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	

<b>Walkerton WWTP ECA</b>			
<b>Licence/Permit</b>	<b>Number</b>	<b>Issued</b>	<b>Rated Capacity</b>
Amended Environmental Compliance Approval	8051-BZKQCA	April 30, 2021	7,560 m3/day