

## **MUNICIPALITY OF BROCKTON**

### **MONTHLY REPORT**

**April 2025**

Prepared by: Veolia Water

#### **INTRODUCTION**

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

#### **WASTEWATER SYSTEM**

##### **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 **164,633** cubic meters, with an average daily flow of **5,487** cubic meters.

The Walkerton WWTP received **837 m<sup>3</sup>** of leachate from the Walkerton-Hanover Landfill for the month of April.

##### **Treated Flows:**

The treated flows were **154,559** cubic meters, with an average daily flow of **5,151** 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>April 1</b>	Troubleshooted the DO probe to read more accurately.
	Changed burnt out light bulbs
	Unclogged raw sewage pump #1
<b>April 2</b>	Unclogged raw sewage pump #2
<b>April 3</b>	Raked bar screen in wet-well
	Unclogged raw sewage pump #1
	Flushed supernatant line
<b>April 4</b>	Unclogged return activated sludge pump (RASP) #1
	Unclogged raw sewage pump #1
<b>April 7</b>	Completed sludge transfer from secondary digester to sludge holding tanks
<b>April 8</b>	Unclogged raw sewage pump #1
<b>April 10</b>	Pumped out water from final clarifier #3
<b>April 11</b>	Turned down boiler temperature from 190 to 185
	Unclogged raw sewage pump #1
<b>April 14</b>	Unclogged raw sewage pump #3
<b>April 16</b>	Completed bi-weekly generator test run
	Unclogged raw sewage pump #3
<b>April 17</b>	Pumped water out of scum pit into grit tank
	Turned down boiler temperature from 185 to 180
	Unclogged raw sewage pump #1
<b>April 21</b>	Removed rags from RASP #1
<b>April 22</b>	Unclogged raw sewage pump #2
<b>April 23</b>	Lifted top of raw sewage pump #2 to remove rags in mechanical seals
<b>April 24</b>	Unclogged raw sewage pump #1, twice
	Unclogged south air grit pipe
<b>April 25</b>	Started decanting out of sludge holding tank
<b>April 28</b>	Unclogged RAS pump #1
<b>April 29</b>	Unclogged raw sewage pump #3
<b>April 30</b>	Completed bi-weekly generator test run
	Unclogged raw sewage pump #1

Regulatory

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

Collection System Maintenance/Services:

**April 9** - Completed repair of Fischer Dairy generator

**April 17** - Temporary generator was picked up at Fischer Dairy.

**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>April 9</b>	Monthly Generator Test Run
<b>April 9</b>	Calibrated Turbidity Analyzer
<b>April 9</b>	Cleaned Chlorine Injector Point
<b>April 15</b>	Quarterly samples were collected (Nitrate, Nitrite, HAA, THM)

**Chepstow:**Regulatory

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
<b>April 2</b>	Cleaned Chlorine Analyzer
<b>April 2</b>	Monthly Generator Test Run

<b>April 2</b>	Calibrated Turbidity Analyzer
<b>April 2</b>	Cleaned Chlorine Injection Point
<b>April 2</b>	Completed UV Reference Sensor Check
<b>April 15</b>	Quarterly samples were collected (Nitrate, Nitrite, HAA, THM)
<b>April 17</b>	UV#2 Failure. Replaced #3 lamp on #2 UV

## **Walkerton Water**

### **Regulatory**

**March 11** - Completed 15.1 Alkalinity sampling

No regulatory issues to report.

### **Maintenance/Services Performed**

Date	Description
<b>April 1</b>	Walker West Booster Station - Monthly Generator Test Run
<b>April 1</b>	South Tower - Monthly Generator Test Run
<b>April 1</b>	North Tower - Monthly Generator Test Run
<b>April 2</b>	Pumphouse - Calibrated Turbidity Analyzer
<b>April 2</b>	Pumphouse - Completed UV Reference Sensor Check
<b>April 2</b>	Pumphouse - Monthly Generator Test Run
<b>April 3</b>	A flow test was conducted in Eastridge for future Apartment Building
<b>April 15</b>	Quarterly samples were collected (Nitrate, Nitrite, HAA, THM)

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