

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

May 2025

Prepared by: Veolia Water

INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **May** the total influent flow was **99,261** cubic meters, with an average daily flow of **3,202** cubic meters.

The Walkerton WWTP received **0 m³** of leachate from the Walkerton-Hanover Landfill for the month of May.

Treated Flows:

The treated flows were **94,488** cubic meters, with an average daily flow of **3,048** 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
May 1	Transferred sludge from digester to holding tank
May 5	Unclogged raw sludge pump #1
May 6	Unclogged RAS pump #1
May 8	Hach technician serviced DO probe
May 9	Unclogged raw sewage pump #2
May 11	Unclogged raw sludge pump #1
May 13	Unclogged grit pipe
May 14	Filled aeration #2 & brought online
May 15	Unclogged grit pipe
	Pumped down the wet well
	Test ran generator
	Hays wired up aeration #2 floating aerators
	Unclogged raw sewage pumps #1&3
May 16	Unclogged raw sludge pump #1
	Unclogged grit pipe
May 20	Flushed supernatant line
May 21	Flushed supernatant line
	Unclogged raw sewage pump #1
	Unclogged raw sludge pump #2
	Raked wet well bar screen
May 22	Transferred sludge from digester to holding tank
	Pumped down the wet well
	Unclogged raw sewage pump #1
	Greased effluent pump, aerators 3&4, primary clarifiers, secondary clarifiers, & primary air valves
May 23	Pumped Molyfilm into the boiler & fixed tubing connection
	Unclogged raw sludge pump #1
	Cleaned supernatant line plastic piping
	Flushed supernatant line
	Re-Installed and test ran ferric pump #1
May 26	Unclogged raw sewage pump #1
	Unclogged RAS pump #1

May 27	Unclogged raw sludge Pump #1
	Tightened final clarifier west siphon tube flange due to leakage
May 28	New Blower commissioning and test run
May 29	Test ran generator
	Unclogged raw sludge pump #1
May 30	Unclogged raw sludge pump #1
	Performed maintenance on UV bank #2, brought online and in lead
	Unclogged RAS pumps #1&3

Regulatory

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

Collection System Maintenance/Services:

May 16 - Sewer blockage at 4 Elgin St

May 21/30 - 4 Elgin St blockage repair - Schmidts onsite

May 22 - 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
May 7	Monthly Generator Test Run
	Calibrated Turbidity Analyzer
	Cleaned Chlorine Injector Point
	Changed cap and electrolyte on chlorine probe at all booster stations
	Hach Technician calibrated handheld analyzers (colorimeter & turbidimeter)
May 14	Replaced Magmeter for Well #3
May 27	AMS onsite to complete annual Flow Meter calibrations
May 28	Installed new chlorine pump

Chepstow:**Regulatory**

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
May 7	Hach Technician calibrated handheld analyzers (colorimeter & turbidimeter)
May 13	Cleaned Chlorine Analyzer
	Monthly Generator Test Run
	Calibrated Turbidity Analyzer
	Cleaned Chlorine Injection Point
	Completed UV Reference Sensor Check
	Changed cap and electrolyte on chlorine probe at all booster stations
May 21	Completed seasonal distribution flushing
May 27	AMS onsite to complete annual Flow Meter calibrations

Walkerton Water**Regulatory**

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
May 5	Pumphouse - Calibrated Turbidity Analyzer
	Pumphouse - Completed UV Reference Sensor Check
	Pumphouse - Monthly Generator Test Run
	Pumphouse - Changed cap and electrolyte on chlorine probe
May 6	Walker West Booster Station - Monthly Generator Test Run
	South Tower - Monthly Generator Test Run
	North Tower - Monthly Generator Test Run
	Changed cap and electrolyte on chlorine probe at all booster stations
	Completed 1st Sampling for new Apartment on Eastridge
May 7	Hach Technician calibrated handheld analyzers (colorimeter & turbidimeter)
	Hach Technician performed maintenance on Online NTU Analyzers
	Completed 2nd Sampling for new Apartment on Eastridge
May 12	New 6" service tie-in for Apartments on Eastridge
May 27	AMS onsite to complete annual Flow Meter calibrations
May 31	Pump failure - Received no inlet flow alarm. Pumps stopped working without tripping VFD's. Turned all three raw sewage pumps into the off position then back into auto. Pumps started working normal.

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	

<i>Chepstow Drinking Water System</i>			
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	

<i>Lake Rosalind Drinking Water System</i>			
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	

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