

MUNICIPALITY OF BROCKTON

MONTHLY REPORT

January 2025

Prepared by: Veolia Water

INTRODUCTION

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

WASTEWATER SYSTEM

Influent Flows:

The influent flows are determined by the raw flow meter in the wet well. For the month of **January** the total influent flow was **93,206** cubic meters, with an average daily flow of **3,006** cubic meters.

There was no leachate received at the Walkerton WWTP from the Walkerton-Hanover Landfill for the month of January.

Treated Flows:

The treated flows were **90,118** cubic meters, with an average daily flow of **2,907** 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
January 2	Unclogged Raw Sewage Pumps (RSP) #1 & #3
January 3	Unclogged Raw Sludge Pump #1
January 6	Calibrated pH meter
January 7	Unclogged Raw Sludge Pump #1 Bi-weekly generator run under load
January 8	Spilt Raw Sewage Pump #2 to remove debris from wear ring. Replaced boiler filter with new
January 9	Raked Headworks Bar Screen Test ran RASP #2 after completed core replacement
January 10	Unclogged sludge recirculating pump
January 11	Replaced belts on sludge recirculating pump with new
January 12	Unclogged sludge recirculating pump
January 13	Unclogged raw sludge pump #1 Monthly Fischer Dairy generator run under load
January 14	Unclogged sludge recirculating pump, twice
January 15	Greased Raw Sludge Pump #2
January 16	Unclogged Raw Sewage Pumps #1 and #3 Changed oil in Blower #1 Make valve extension for ferric 4" valve
January 17	Unclogged raw sludge pump #1
January 21	Chipped ice from Final #1 and #2 sprockets Unclogged Sludge Recirculating Pump Unclogged Raw Sludge Pump #1
January 22	Thawed out drip trap in office basement with heater Flushed supernate line with effluent pump Chipped ice from final #1 and #2 sprockets Chipped ice from air grit system Removed frost from effluent flow sensor
January 23	Biweekly generator run under load (gas valves frozen), switch generator to run on natural gas only. Unclogged Raw Sewage pump #3
January 24	Unclogged Raw Sludge Pump #1
January 27	Unclogged RASP#1 Unclogged Raw Sludge Pump #1
January 28	Installed heat trace on gas line on digester roof Replaced light bulbs in digester building

January 29	Unclogged Raw Sewage Pump #2
January 30	Repaired 2" hard hose Unclogged Raw Sewage Pump #1 I.T. installed Google Chrome on Lap-top

Regulatory

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

Collection System Maintenance/Services:

No new items to report

WATER SYSTEMS

DWQMS:

January 28 - Surveillance DWQMS was conducted by Paul Cartlidge from Intertek SAI Global. There were no non-conformances issued during this audit. 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

January 22 - The MECP Inspection conducted by Matt Shannon was finalized and submitted for the 2024 year. No non-conformances or recommendations were issued. No regulatory issues to report.

Maintenance/Services Performed.

Date	Description
January 8	Monthly Generator Test Run
January 8	Calibrated Turbidity Analyzer
January 8	Cleaned Chlorine Injector Point
January 8	Changed chlorine pump
January 21	Completed Quarterly Sampling

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Chepstow:

Regulatory

January 23 - The MECP Inspection conducted by Matt Shannon was finalized and submitted for the 2024 year. No non-conformances or recommendations were issued.

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
January 08/10	Replaced old chlorine pumps for new ones
January 14	Attempted monthly generator run, generator failed, called Sommers to repair
January 15	Cleaned Chlorine Analyzer
January 15	Monthly Generator Test Run
January 15	Calibrated Turbidity Analyzer
January 15	Cleaned Chlorine Injection Point
January 15	Completed UV Reference Sensor Check
January 21	Completed Quarterly Sampling

Walkerton Water

Regulatory

No regulatory issues to report.

Maintenance/Services Performed

Date	Description
January 7	Pumphouse - Calibrated Turbidity Analyzer
January 7	Pumphouse - Completed UV Reference Sensor Check
January 7	Pumphouse - Monthly Generator Test Run
January 7	Walker West Booster Station - Monthly Generator Test Run
January 9	South Tower - Monthly Generator Test Run
January 13	North Tower - Monthly Generator Test Run
January 21	Completed Quarterly Sampling
January 27	Trojan onsite for semi-annual UV Maintenance

January 29	Installed new Turbidity de-bubblier
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Current Licences and Permits Expires

Walkerton Drinking Water System			
Licence/Permit	Number	Expiry	Limit
Permit to Take Water Well #1	P-300-83057551 37	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	