



DWQMS Report to Owner

March 18, 2026

Executive Summary

A requirement of the Ontario Drinking Water Quality Management Standard is to complete an annual management review of the Drinking Water Quality Management System. The results of this review are to be conveyed to Top Management and the Owner - Township of Johnson.

The management review meeting held February 4, 2026 and was attended by PUC's Water Operations Director, WTO Supervisors and the Manager of QMS and Compliance.

Executive Summary

- a) Incidents of regulatory non-compliance
- b) Incidents of adverse drinking water tests
- c) Deviations from critical control point limits and response actions
- d) Efficacy of the risk assessment process
- e) Results of audits (internal and external)
- f) Results of relevant emergency response testing
- g) Operational performance
- h) Raw water supply and drinking water quality trends
- i) Follow-up action items from previous management reviews
- j) Status of management action items identified between reviews
- k) Changes that could affect the QMS
- l) Summary of consumer feedback
- m) Resources needed to maintain the QMS
- n) Results of the infrastructure review
- o) Operational Plan currency, content and updates
- p) Summary of staff suggestions
- q) New Business – Other issues that impact on the quality management system
- r) Date of Next Meeting

Compliance to Provincial Regulations

Annual MECP Inspection

- Completed on July 11th, 2025 with MECP Inspector Kristy Mitchell
 - Inspection revealed 0 non-compliances and 0 Best Practice recommendations

Adverse Water Quality Incidents

- Three adverse events occurred in 2025
 - March 26th – TC Distribution Sample
 - September 22nd – Loss of distribution pressure (scheduled valve replacement)
 - November 20th – Loss of distribution pressure (generator failure)

Conformance with our Operational Plan

Internal Audits (PUC)

- 0 non-conformances, 3 Opportunities for improvement

External Audit (12-month Surveillance Audit - SAI Global)

- 0 non-conformances, 0 Opportunities for improvement

Conformance with our Operational Plan

External Audit – 3-year Re-Accreditation Audit (SAI Global)

- 0 non-conformances, 1 Opportunities for improvement

SAI GLOBAL

CERTIFICATE OF ACCREDITATION

Certificate Number: 0238637
File No.: 2023-137312
Issue Date: 16 Feb 2025
Original Certification Date: 27 Feb 2013
Certification Effective Date: 26 Sep 2025

This is to certify that the following operating authority:

PUC Services Inc.
The Township of Johnson
399 Kensington Rd, Desbarats, Ontario, P0R 1E0, Canada

operates a **Drinking Water System** on behalf of

The Township of Johnson
399 Kensington Rd, Desbarats, Ontario, P0R 1E0, Canada

which conforms with the requirements of:

**DRINKING WATER QUALITY MANAGEMENT STANDARD
VERSION 2-2017**

for the following scope of accreditation:

Drinking Water Treatment & Distribution; Full Scope

Including:

Desbarats Water Treatment Plant

Mark Thomas
Executive Vice President
Assurance, Sustainability, AgriWorld & Food

QMI-SAI Canada Ltd.
20 Carlson Court, Suite 200
Toronto, Ontario M9W 7K6 Canada

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Difficulties Encountered

- Soda ash injector plugged
- SCADA/PLC comms losses
- Generator failure
- Distribution system leaks
- Filter turbidity meter – pressure changes causing turbidity spikes

Deviations of Critical Control Limits

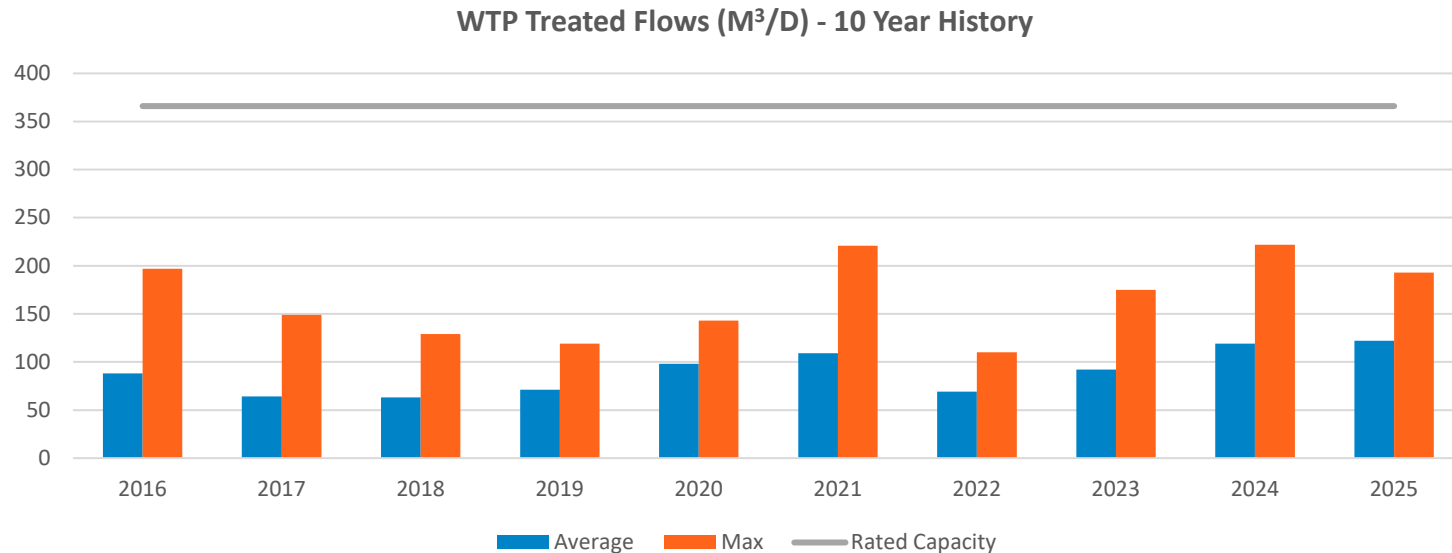
- Treated chlorine residual <0.80 mg/L (11 events - lowest residual of 0.42mg/L)
- Filter Turbidity >1.0 NTU (15 events)

Recurring or Outstanding Past Issues

- Backflow Prevention Policy
- Intake inspection
- Distribution spare parts and supply
- WTP Spare parts
- Establish a leak detection program
- Condition assessment & long-term plan for transmission main

DWS Stabilities:

- No significant changes with raw water characteristics
- All sample results meet or exceed Ontario Drinking Water Quality Standards
- Raw and treated water flows – comparable to previous years
 - 2025 max daily flow was 35.3% of the PTTW and 52.7% of the rated capacity limit



2026 Capital Recommendations:

- Critical Spare Parts (Chemical Injectors, Pump Rebuild Kits, Chemical Mixer)
- Chemical Shed Completion
- Transmission Line Rehabilitation/Replacement
- SCADA Terminal Upgrade
- Raw Water Flow Meter
- Raw Water Valve
- Intake Inspection
- Highlift Header Replacement



Questions?