

Laurentian Park Drinking Water System

Waterworks # 260090012
System Category – Small Municipal Residential

Annual Water Report

Prepared For: Champlain Township

Reporting Period of January 1st – December 31st 2025

Issued: February 26, 2026

Revision: 0

Operating Authority:



This report has been prepared to satisfy the annual reporting requirements in O.Reg 170/03 Section 11 and Schedule 22

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Report Availability

This system does not serve more than 10,000 residence and the annual reports will be available to residents on the Champlain Township website.

Compliance Report Card

Compliance Event	# of Events
Ministry of Environment Inspections	1 – Inspection completed on September 5, 2025 <ul style="list-style-type: none"> 1 non-compliances identified – 89.01%
Ministry of Labour Inspections	0
QEMS External Audit	External audit completed <ul style="list-style-type: none"> 4 Opportunities for Improvement (OFI)'s identified 1 Minor Non-Conformity
AWQI's/BWA	0
Non-Compliance	1 Non-Compliance during MECP annual inspection
Community Complaints	0
Spills	0
Watermain Breaks	0

System Process Description

Treatment & Distribution

Laurentian Park water distribution system is a stand alone distribution system, receiving treated water from the Hawkesbury Water Treatment Distribution System.

The system consists of the following: watermains and hydrants on Laval Place, Cedres Street, Ascension Street, Maple Street, and Orchard Road.

The transmission line operates under Drinking Water License Number 174-103 & Drinking Water Works Permit Number 174-203.

Treatment Chemicals used during the reporting year:

Chemical Name	Use	Supplier
N/A		

Summary of Non-Compliance

Adverse Water Quality Incidents

Date	AWQI #	Location	Problem	Legislation	Corrective Action Taken
There were no Adverse Water Quality Incidents identified.					

Non-Compliance

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
There were no Non-Compliances identified.				

Non-Compliance Identified in a Ministry Inspection:

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
O. Reg. 170/03 Schedule 7-2.(5)	Secondary disinfectant residual was not tested as required for the small municipal residential distribution system.	A single occurrence	PCT Created a SOP for Laurentian Park Chlorine Residual	Completed

Flows

There is no flow meter for this system. Total flows, for billing purposes, are taken from household meters.

Regulatory Sample Results Summary

Microbiological Testing

	No. of Samples Collected	Range of E.Coli Results		Range of Total Coliform Results		No. of Samples Collected	Range of HPC Results	
		Min	Max	Min	Max		Min	Max
Distribution Water	52	0	0	0	0	52	2	4

Operational Testing

	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Free Chlorine Residual, DW Field (mg/L) - DW	122	0.14	1.01

Schedule 15 Sampling:

The Schedule 15 Sampling is required under O.Reg 170/03. This system is under reduced sampling. No plumbing samples were collected.

Distribution System	Number of Sampling Points	Number of Samples	Range of Results		MAC (mg/L)	Number of Exceedances
			Minimum	Maximum		
Alkalinity (mg/L)	1	2	23	34	N/A	N/A
pH	1	2	6.8	7.8	N/A	N/A
Lead (mg/L)	1	2	0.00002	0.00003	0.01	No

Organic Parameters

These parameters were tested quarterly as a requirement under O.Reg 170/03.

	Most Recent Sample Date (yyyy/mm/dd)	4Q Running Average	MAC	Number of Exceedances	
				MAC	1/2 MAC
Distribution Water					
Trihalomethane: Total (ug/L) Annual Average	2026/01/05	74.5	100	No	Yes
Haloacetic Acids: Total (ug/L) Annual Average	2026/01/05	43.53	80	No	Yes

MAC = Maximum Allowable Concentration as per O.Reg 169/03

BDL = Below the laboratory detection level

Additional Legislated Samples

There was no additional sampling required.

Major Maintenance Summary**Distribution Maintenance**

Date	Location Reference	Details
May 27, 2025	Distribution	Hydrant Inspection/Service (6m)
November 24, 2025	Distribution	Hydrant Inspection/Service (6m)