



The United Counties of Leeds and Grenville

Resolution No. CC- 047 - 2026

Date: March 19, 2026

Moved by Jeff Shaver

Seconded by Roger Haley

THAT Council receive and accept the 2025 Drinking Water System Annual Report for Maple View Lodge, as presented to the Maple View Lodge Committee of Management at its meeting March 5, 2026; and

THAT the report be made accessible to the public.

Carried Defeated Deferred

Handwritten signature of Corinna Smith-Gatcke in blue ink.

Corinna Smith-Gatcke, Warden

Maple View Lodge Drinking Water System

Waterworks # 260016302
System Category – Small Municipal Non Residential

2025 Annual Report

Prepared For: United Counties of Leeds & Grenville

Reporting Period of January 1st – December 31st ,2025

Issued: February 27, 2026

Revision: 1

Operating Authority:



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

Table of Contents

Revision History	1
Report Availability	1
Compliance Report Card	1
System Process Description	1
Treatment Chemicals used during the reporting year:	1
Summary of Non-Compliance	2
Adverse Water Quality Incidents.....	2
Non-Compliance	2
Non-Compliance Identified in a Ministry Inspection:.....	2
Flows	2
Treated Water Total Monthly Flow (m3).....	2
Treated Water Average/Max Daily Flow (m3/d).....	3
Regulatory Sample Results Summary	3
Microbiological Testing.....	3
Operational Testing	3
Inorganic Parameters	3
Schedule 15 Sampling:	4
Organic Parameters	5
Additional Legislated Samples	6
Major Maintenance Summary	6

Revision History

Date	Revision #	Revision Notes
February 18, 2026	0	Annual Report Issued
February 27, 20026	1	Sodium Results

Report Availability

This system does **not** serve more than 10,000 residences and the annual reports will be available free of charge by request to The United Counties of Leeds and Grenville located at 25 Central Ave. W., Suite 100, Brockville, ON K6V 4N6. Notification is provided by posting on notification board.

There are no other water systems connected to this building.

Compliance Report Card

Compliance Event	# of Events
Ministry of Environment Inspections	0
Ministry of Labour Inspections	0
AWQI's/BWA	0
Non-Compliance	0
Community Complaints	0
Spills	0
Watermain Breaks	0

System Process Description

Raw water is supplied by 2 wells. One acting as the primary and the other as a backup. Water passes through a water softener, iron filter, 2- 5 micron sediment filters and 2-Hallett UV systems.

Treatment Chemicals used during the reporting year:

Chemical Name	Use	Supplier
Sodium chloride	Water softener pellets	Windsor

Summary of Non-Compliance

Adverse Water Quality Incidents

Date	AWQI #	Location	Problem	Details	Legislation	Corrective Action Taken
None to Report.						

Non-Compliance

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
None to Report.				

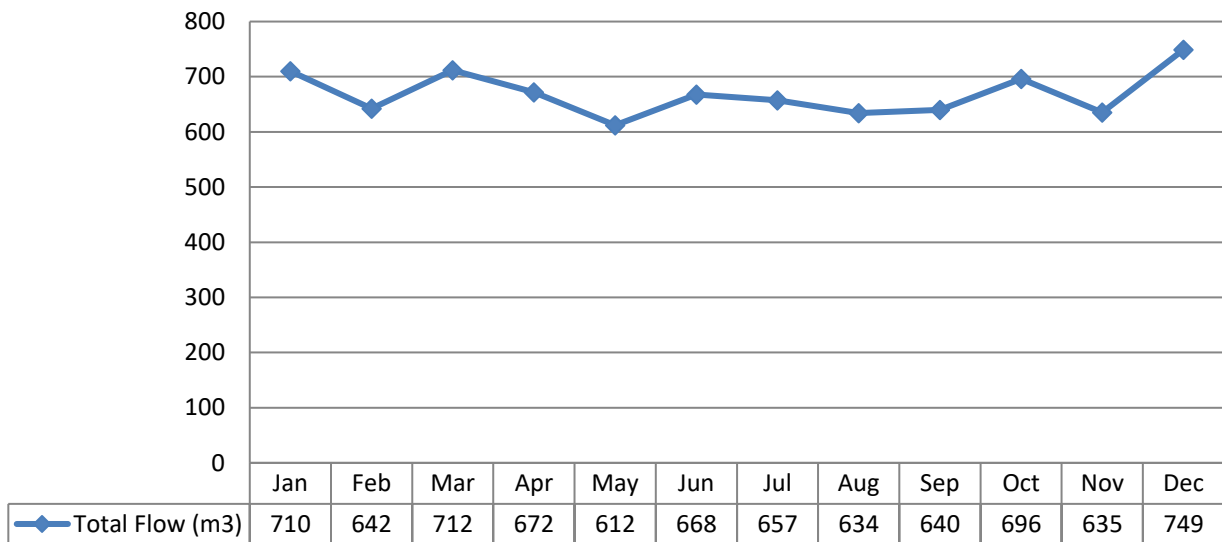
Non-Compliance Identified in a Ministry Inspection:

Legislation	requirement(s) system failed to meet	duration of the failure (i.e. date(s))	Corrective Action	Status
None to Report.				

Flows

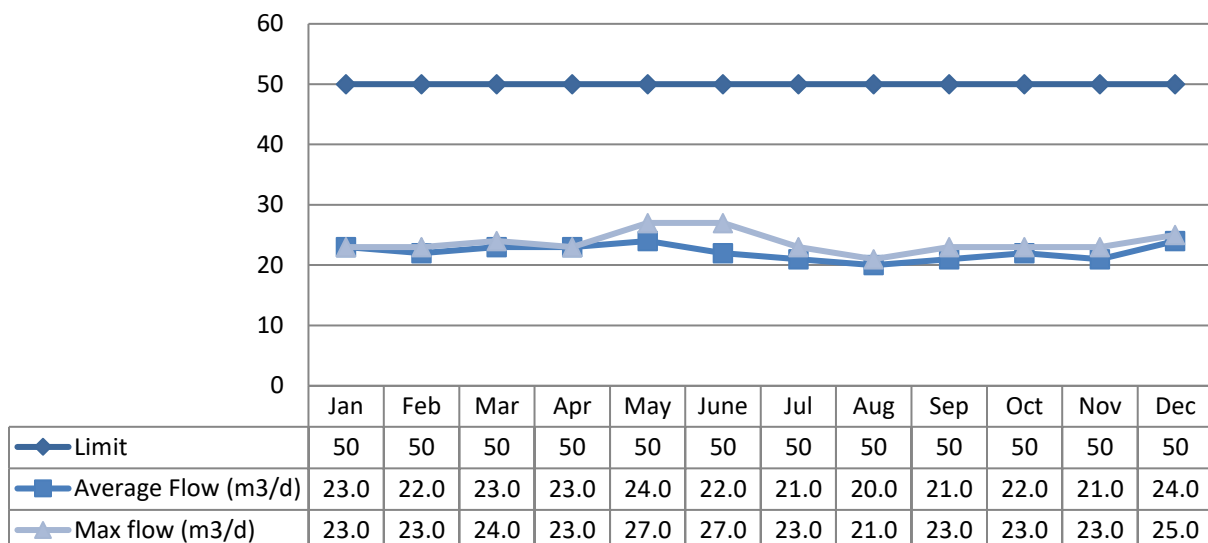
The Maple View Lodge Drinking Water System is operating on average under half the rated capacity. This facility does not require a Permit to Take Water as flows are below 50 m³/d. If flow begins to approach this volume a permit will be applied for.

Treated Water Total Monthly Flow (m³)



Treated Water Average/Max Daily Flow (m3/d)

*PTTW needed if more than 50m3



Regulatory Sample Results Summary

Microbiological Testing

	No. of Samples Collected	Range of E.Coli Results		Range of Total Coliform Results		Range of HPC Results	
		Min	Max	Min	Max	Min	Max
Raw Water	48	0	0	0	0		
Distribution Water	14	0	0	0	0	0	80

Operational Testing

	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Turbidity, In-House (NTU) – RW Well 1	12	0.39	0.70
Turbidity, In-House (NTU) – RW Well 2	12	0.67	0.88

Inorganic Parameters

These parameters are tested as a requirement under 170/03. Sodium and Fluoride are required to be tested every 5 years. Nitrate and Nitrite are tested quarterly as required under 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly.

- MAC = Maximum Allowable Concentration as per O.Reg 169/03
- MDL = Method Detection Limit

Treated Water	Sample Date (yyyy/mm/dd)	Sample Result	MAC	No. of Exceedances	
				MAC	1/2 MAC
Antimony: Sb (ug/L) - TW	2022/04/12	< MDL 0.5	6.0	No	No
Arsenic: As (ug/L) - TW	2022/04/12	< MDL 1	25.0	No	No
Barium: Ba (ug/L) - TW	2022/04/12	< MDL 10	1000.0	No	No
Boron: B (ug/L) - TW	2022/04/12	100	5000.0	No	No
Cadmium: Cd (ug/L) - TW	2022/04/12	< MDL 0.1	5.0	No	No
Chromium: Cr (ug/L) - TW	2022/04/12	< MDL 1	50.0	No	No
Mercury: Hg (ug/L) - TW	2022/04/12	< MDL 0.1	1.0	No	No
Selenium: Se (ug/L) - TW	2022/04/12	< MDL 1	50.0	No	No
Uranium: U (ug/L) - TW	2022/04/12	1.0	20.0	No	No
Additional Inorganics					
Fluoride (mg/L) - TW	2023/10/10	0.2	1.5	No	No
Nitrate : (mg/L) - TW	2025/01/13	2.39	10	No	No
Nitrate : (mg/L) - TW	2025/04/08	3.85	10	No	No
Nitrate : (mg/L) - TW	2025/07/08	4.26	10	No	No
Nitrate : (mg/L) - TW	2025/10/07	3.82	10	No	No
Nitrite : (mg/L) - TW	2025/01/13	< MDL 0.05	1	No	No
Nitrite : (mg/L) - TW	2025/04/08	< MDL 0.05	1	No	No
Nitrite : (mg/L) - TW	2025/07/08	< MDL 0.05	1	No	No
Nitrite : (mg/L) - TW	2025/10/07	< MDL 0.05	1	No	No
Sodium / Na (mg/L) - TW	2023/10/17	6.2	20*	Yes	Yes

*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified mg/L when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.

Schedule 15 Sampling:

The Schedule 15 Sampling is required under O.Reg 170/03. This system is under reduced sampling. Samples were collected in February 2022, the next set of samples due in February 2025.

Distribution System	Number of Sampling Points	Number of Samples	Result	MAC (ug/L)	Number of Exceedances
Lead (ug/l)	1	1	0.00009	10.0	None

Organic Parameters

These parameters are tested every 60 months as a requirement under O.Reg 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly.

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	# of Exceedances	
				MAC	1/2 MAC
Treated Water					
Alachlor (ug/L) - TW	2022/04/12	< MDL 0.5	5.0	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW	2022/04/12	< MDL 1	5.0	No	No
Azinphos-methyl (ug/L) - TW	2022/04/12	< MDL 2	20	No	No
Benzene (ug/L) - TW	2022/04/12	< MDL 0.5	1.0	No	No
Benzo(a)pyrene (ug/L) - TW	2022/04/12	< MDL 0.01	0.01	No	No
Bromoxynil (ug/L) - TW	2022/04/12	< MDL 0.5	5.0	No	No
Carbaryl (ug/L) - TW	2022/04/12	< MDL 5	90.0	No	No
Carbofuran (ug/L) - TW	2022/04/12	< MDL 5	90.0	No	No
Carbon Tetrachloride (ug/L) - TW	2022/04/12	< MDL 0.2	2.0	No	No
Chlorpyrifos (ug/L) - TW	2022/04/12	< MDL 1	90.0	No	No
Diazinon (ug/L) - TW	2022/04/12	< MDL 1	20.0	No	No
Dicamba (ug/L) - TW	2022/04/12	< MDL 1	120.0	No	No
1,2-Dichlorobenzene (ug/L) - TW	2022/04/12	< MDL 0.4	200.0	No	No
1,4-Dichlorobenzene (ug/L) - TW	2022/04/12	< MDL 0.4	5.0	No	No
1,2-Dichloroethane (ug/L) - TW	2022/04/12	< MDL 0.2	5.0	No	No
1,1-Dichloroethylene (ug/L) - TW	2022/04/12	< MDL 0.5	14.0	No	No
Dichloromethane (Methylene Chloride) (ug/L) - TW	2022/04/12	< MDL 4	50.0	No	No
2,4-Dichlorophenol (ug/L) - TW	2022/04/12	< MDL 1	900.0	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW	2022/04/12	< MDL 1	100.0	No	No
Diclofop-methyl (ug/L) - TW	2022/04/12	< MDL 0.9	9.0	No	No
Dimethoate (ug/L) - TW	2022/04/12	< MDL 2.5	20.0	No	No
Diquat (ug/L) - TW	2022/04/12	< MDL 5	70.0	No	No
Diuron (ug/L) - TW	2022/04/12	< MDL 10	150.0	No	No
Glyphosate (ug/L) - TW	2022/04/12	< MDL 10	280.0	No	No
Malathion (ug/L) - TW	2022/04/12	< MDL 0.5	190.0	No	No
2-Methyl-4chlorophenoxyacetic Acid (MCPA)	2022/04/12	< MDL 10	50.0	No	No
Metolachlor (ug/L) - TW	2022/04/12	< MDL 1	80.0	No	No
Metribuzin (ug/L) - TW	2022/04/12	< MDL 5	80.0	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW	2022/04/12	< MDL 0.5	10.0	No	No
Paraquat (ug/L) - TW	2022/04/12	< MDL 1	3.0	No	No
PCB (ug/L) - TW	2022/04/12	< MDL 0.1	60.0	No	No
Pentachlorophenol (ug/L) - TW	2022/04/12	< MDL 1	2.0	No	No
Phorate (ug/L) - TW	2022/04/12	< MDL 0.5	190.0	No	No
Picloram (ug/L) - TW	2022/04/12	< MDL 5	1.0	No	No
Prometryne (ug/L) - TW	2022/04/12	< MDL 0.25	10.0	No	No
Simazine (ug/L) - TW	2022/04/12	< MDL 1	1.0	No	No
Terbufos (ug/L) - TW	2022/04/12	< MDL 0.4	10.0	No	No

	Sample Date (yyyy/mm/dd)	Sample Result	MAC	# of Exceedances	
				MAC	1/2 MAC
Tetrachloroethylene (ug/L) - TW	2022/04/12	< MDL 0.3	100.0	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW	2022/04/12	< MDL 1	230.0	No	No
Triallate (ug/L) - TW	2022/04/12	< MDL 1	5.0	No	No
Trichloroethylene (ug/L) - TW	2022/04/12	< MDL 0.3	5.0	No	No
2,4,6-Trichlorophenol (ug/L) - TW	2022/04/12	< MDL 0.7	45.0	No	No
Trifluralin (ug/L) - TW	2022/04/12	< MDL 1	1.0	No	No
Vinyl Chloride (ug/L) - TW	2022/04/12	< MDL 0.2	20.0	No	No

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

Description
- Well repairs