
LISTOWEL DRINKING WATER SYSTEM

2025 ANNUAL
SUMMARY REPORT

Municipality of North Perth



Introduction

The treatment and delivery of potable water in Ontario is regulated by the Ministry of the Environment, Conservation and Parks (MECP) under the Safe Drinking Water Act. On June 1, 2003, O. Reg. 170/03 came into effect which prescribes requirements for owners and operators of municipal drinking water systems.

O. Reg. 170/03 requires the owner to produce an Annual Report, under Schedule 11. The Report must include the following:

- A description of the drinking water system including a list of the water treatment chemicals used;
- A summary of any adverse test results or observations and corrective actions;
- A summary of all required test results;
- A description of any major expenses incurred to install, repair or replace equipment.

Every time an Annual Report is prepared the owner of the system shall ensure that effective steps are taken to advise users of water from the system that copies of the report are available, without charge, and how a copy may be obtained.

The Regulation also requires the owner to produce a Summary Report as indicated in Schedule 22.

- The report must list the requirements of the Act, its Regulations, the system's Drinking Water Works Permit, Municipal Drinking Water Licence, and any orders the system failed to meet during the reporting period. The report must also specify the duration of the failure, and for each failure referred to, describe the measures that were taken to correct the failure.
- To enable the Owner to assess the rated capacity of their system to meet existing and future planned water uses, the following information is also required in the report.
 - A summary of the quantities and flow rates of water supplied during the reporting period, including the monthly average and maximum daily flows;
 - A comparison of the summary to the rated capacity and flow rates approved in the system's Permit To Take Water, Drinking Water Works Permit and Municipal Drinking Water Licence.



Part 1 - ANNUAL REPORT (as required by O. Reg. 170/03, Section 11)

Drinking-Water System Number:	220000512
Drinking-Water System Name:	Listowel Drinking Water System
Drinking-Water System Owner:	Municipality of North Perth
Drinking-Water System Category:	Large Municipal Residential
Municipal Drinking Water Licence:	091-103 (Issue #6)
Drinking Water Works Permit:	091-203 (Issue #5)
Permit to Take Water;	P-300-5141584896
Period being reported:	January 1 to December 31, 2025

Complete if your Category is Large Municipal Residential or Small Municipal Residential	Complete for all other Categories
<i>Does your Drinking-Water System serve more than 10,000 people?</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>Number of Designated Facilities served: 0</i>
<i>Is your annual report available to the public at no charge on a web site on the Internet?</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<i>Did you provide a copy of your annual report to all Designated Facilities you serve?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</i> Municipal Office and Municipality of North Perth Website	<i>Number of Interested Authorities you report to: 0</i> <i>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:	
Drinking Water System Name	Drinking Water System Number
N/A	



Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?
N/A

Indicate how you notified system users that your annual report is available and is free of charge.		
<input checked="" type="checkbox"/> Public access/notice via the web	<input checked="" type="checkbox"/> Public access/notice via Government Office	<input type="checkbox"/> Public access/notice via a newspaper
<input checked="" type="checkbox"/> Public access/notice via Public Request	<input type="checkbox"/> Public access/notice via a Public Library	<input type="checkbox"/> Public access/notice via Other Method _____

Describe your Drinking Water System

The Listowel Drinking Water System is owned and operated by the Municipality of North Perth and provides a potable water supply to the residents of Listowel.

The Listowel Drinking Water System consists of three (3) ground water wells automatically controlled by a Supervisory Control and Data Acquisition (SCADA) system. System pressure is maintained by an elevated water tower at 580 Main St. West, with a maximum capacity of 3182m³. Predetermined water level set points automatically start and stop the well pumps. Two chemical feed pumps at each well also start automatically adding sodium hypochlorite and sodium silicate to the water.

The first chemical added is sodium hypochlorite (liquid chlorine). It is used to kill any disease-causing organisms (disinfect) that may be present in the water. It is important to add enough of this chemical to maintain a free chlorine residual throughout the water distribution system. A chlorine analyzer ensures sufficient residual is maintained in the water entering the distribution. The second chemical added is sodium silicate. It is used as a sequestering agent to prevent iron from oxidizing thereby minimizing the rust formation in the water.

List all water treatment chemicals used over this reporting period

- Liquid Chlorine 12% - NSF certified
- Sodium Silicate - NSF certified



Please provide a brief description and a breakdown of monetary expenses incurred

- Master Servicing Plan was completed and a Class EA commenced for the Listowel and Atwood Water Systems with a budget allocation of \$200,000

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Corrective Action Date	Corrective Action
N/A				

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period

	Number of Samples	Range of E. Coli Results (Min-Max)	Range of Total Coliform Results (Min-Max)	Number of HPC Samples	Range of HPC Results (Min-Max)
Well 4 - Raw	53	0-0	0-0	N/A	N/A
Well 5 - Raw	53	0-0	0-0	N/A	N/A
Well 6 - Raw	53	0-0	0-0	N/A	N/A
Well 4 - Treated	53	0-0	0-0	53	0-4
Well 5 - Treated	53	0-0	0-0	53	0-22
Well 6 Treated	53	0-0	0-0	53	0-1
Distribution 1 - Davidson Ave North	53	0-0	0-0	53	0-12
Distribution 2 - Palace End Blow Off	53	0-0	0-0	53	0-6



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Distribution 3 - Listowel Fire Hall	53	0-0	0-0	53	0-18
Distribution 4 - Community Garden	53	0-0	0-0	53	0-14
Distribution 5 - Scott St. West Blow Off	53	0-0	0-0	53	0-8

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report			
	Number of Samples	Range of Results (Min-Max)	Units
Well 4 -Raw Turbidity – grab sample	12	0.13 – 0.34	NTU
Well 5 – Raw Turbidity – grab sample	12	0.18 – 0.38	NTU
Well 6 – Raw Turbidity – grab sample	12	0.14 – 0.49	NTU
Well 4 - Free Chlorine Residual – continuous monitor at well house	8,760	0.00* - 1.68	mg/L
Well 5 - Free Chlorine Residual – continuous monitor at well house	8,760	0.00* - 1.71	mg/L
Well 6 - Free Chlorine Residual – continuous monitor at well house	8,760	0.00* - 2.10	mg/L
Free Chlorine Residual – grab samples in distribution system	468	0.52 – 1.08	mg/L

*Value due to operational maintenance



Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument				
Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure
N/A				

Additional water information
N/A

Inorganic Testing – Well 4

Summary of Inorganic parameters tested during this reporting period or the most recent sample results				
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Aug 12/24	ND	µg/L	No
Arsenic – Q1	Feb 10/25	6.2	µg/L	No
Arsenic – Q2	May 12/25	5.9	µg/L	No
Arsenic – Q3	Aug 11/25	6.2	µg/L	No
Arsenic – Q4	Nov 10/25	6.1	µg/L	No
Barium	Aug 12/24	65	µg/L	No
Boron	Aug 12/24	ND	µg/L	No
Cadmium	Aug 12/24	ND	µg/L	No
Chromium	Aug 12/24	ND	µg/L	No
Mercury	Aug 12/24	ND	µg/L	No
Selenium	Aug 12/24	ND	µg/L	No
Sodium	Aug 15/23	16.9	mg/L	No
Uranium	Aug 12/24	ND	µg/L	No
Fluoride	Aug 15/23	0.939	mg/L	No
Nitrite – Q1	Feb 10/25	ND	mg/L	No
Nitrite – Q2	May 12/25	ND	mg/L	No
Nitrite – Q3	Aug 11/25	ND	mg/L	No
Nitrite – Q4	Nov 10/25	ND	mg/L	No
Nitrate – Q1	Feb 10/25	ND	mg/L	No



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Nitrate – Q2	May 12/25	ND	mg/L	No
Nitrate – Q3	Aug 11/25	ND	mg/L	No
Nitrate – Q4	Nov 10/25	ND	mg/L	No

ND = Not detected

Inorganic Testing – Well 5

Summary of Inorganic parameters tested during this reporting period or the most recent sample results				
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Aug 12/24	ND	µg/L	No
Arsenic	Aug 12/24	5.0	µg/L	No
Barium	Aug 12/24	72	µg/L	No
Boron	Aug 12/24	50	µg/L	No
Cadmium	Aug 12/24	ND	µg/L	No
Chromium	Aug 12/24	ND	µg/L	No
Mercury	Aug 12/24	ND	µg/L	No
Selenium	Aug 12/24	ND	µg/L	No
Sodium	Aug 15/23	18.3	mg/L	No
Uranium	Aug 12/24	ND	µg/L	No
Fluoride	Aug 15/23	0.944	mg/L	No
Nitrite – Q1	Feb 10/25	ND	mg/L	No
Nitrite – Q2	May 12/25	ND	mg/L	No
Nitrite – Q3	Aug 11/25	ND	mg/L	No
Nitrite – Q4	Nov 10/25	ND	mg/L	No
Nitrate – Q1	Feb 10/25	ND	mg/L	No
Nitrate – Q2	May 12/25	ND	mg/L	No
Nitrate – Q3	Aug 11/25	ND	mg/L	No
Nitrate – Q4	Nov 10/25	ND	mg/L	No

ND = Not detected



Inorganic Testing – Well 6

Summary of Inorganic parameters tested during this reporting period or the most recent sample results				
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Aug 12/24	ND	µg/L	No
Arsenic	Aug 12/24	3.6	µg/L	No
Barium	Aug 12/24	95	µg/L	No
Boron	Aug 12/24	60	µg/L	No
Cadmium	Aug 12/24	ND	µg/L	No
Chromium	Aug 12/24	ND	µg/L	No
Mercury	Aug 12/24	ND	µg/L	No
Selenium	Aug 12/24	ND	µg/L	No
Sodium	Aug 15/23	18.4	mg/L	No
Uranium	Aug 12/24	ND	µg/L	No
Fluoride	Aug 15/23	1.30	mg/L	No
Nitrite – Q1	Feb 10/25	ND	mg/L	No
Nitrite – Q2	May 12/25	ND	mg/L	No
Nitrite – Q3	Aug 11/25	ND	mg/L	No
Nitrite – Q4	Nov 10/25	ND	mg/L	No
Nitrate – Q1	Feb 10/25	ND	mg/L	No
Nitrate – Q2	May 12/25	ND	mg/L	No
Nitrate – Q3	Aug 11/25	ND	mg/L	No
Nitrate – Q4	Nov 10/25	ND	mg/L	No

ND = Not detected



Lead Testing Results

Summary of Lead Results during this reporting period (Winter: Dec 15 – April 15; Summer: June 15 - Oct 15)					
Sampling Period	Location	pH	Alkalinity (mg/L)	Lead (ug/L)	Exceedance
Feb 10/25	Distribution – Palace St. E Blow Off	7.80	229	N/A	No
Feb 10/25	Distribution – Community Garden Blow Off	7.80	236	N/A	No
Feb 10/25	Distribution – 715 Scott St. E Blow Off	7.90	234	N/A	No
Feb 10/25	Distribution – 875 Davidson N. Blow Off	8.00	226	N/A	No
Aug 11/25	Distribution – Palace St. E Blow Off	7.70	227	N/A	No
Aug 11/25	Distribution – Community Garden Blow Off	7.70	246	N/A	No
Aug 11/25	Distribution – 715 Scott St. E Blow Off	7.80	231	N/A	No
Aug 11/25	Distribution – 875 Davidson N. Blow Off	7.60	228	N/A	No

Listowel qualified for reduced Lead sampling in 2025

Organic Testing – Well 4

Summary of Organic parameters tested during this reporting period or the most recent sample results				
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	Aug 12/24	ND	µg/L	No



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Summary of Organic parameters tested during this reporting period or the most recent sample results				
Atrazine + N-dealkylated metabolites	Aug 12/24	ND	µg/L	No
Azinphos-methyl	Aug 12/24	ND	µg/L	No
Benzene	Aug 12/24	ND	µg/L	No
Benzo(a)pyrene	Aug 12/24	ND	µg/L	No
Bromoxynil	Aug 12/24	ND	µg/L	No
Carbaryl	Aug 12/24	ND	µg/L	No
Carbofuran	Aug 12/24	ND	µg/L	No
Carbon Tetrachloride	Aug 12/24	ND	µg/L	No
Chlorpyrifos	Aug 12/24	ND	µg/L	No
Diazinon	Aug 12/24	ND	µg/L	No
Dicamba	Aug 12/24	ND	µg/L	No
1,2-Dichlorobenzene	Aug 12/24	ND	µg/L	No
1,4-Dichlorobenzene	Aug 12/24	ND	µg/L	No
1,2-Dichloroethane	Aug 12/24	ND	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Aug 12/24	ND	µg/L	No
Dichloromethane	Aug 12/24	ND	µg/L	No
2-4 Dichlorophenol	Aug 12/24	ND	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Aug 12/24	ND	µg/L	No
Diclofop-methyl	Aug 12/24	ND	µg/L	No
Dimethoate	Aug 12/24	ND	µg/L	No
Diquat	Aug 12/24	ND	µg/L	No
Diuron	Aug 12/24	ND	µg/L	No
Glyphosate	Aug 12/24	ND	µg/L	No
HAA (running annual average)	2025	5.76	µg/L	No
Malathion	Aug 12/24	ND	µg/L	No
Metolachlor	Aug 12/24	ND	µg/L	No
Metribuzin	Aug 12/24	ND	µg/L	No
Monochlorobenzene	Aug 12/24	ND	µg/L	No
Paraquat	Aug 12/24	ND	µg/L	No
Pentachlorophenol	Aug 12/24	ND	µg/L	No
Phorate	Aug 12/24	ND	µg/L	No
Picloram	Aug 12/24	ND	µg/L	No
Polychlorinated Biphenyls(PCB)	Aug 12/24	ND	µg/L	No
Prometryne	Aug 12/24	ND	µg/L	No
Simazine	Aug 12/24	ND	µg/L	No
THM (running annual average)	2025	10.18	µg/L	No



Summary of Organic parameters tested during this reporting period or the most recent sample results				
Terbufos	Aug 12/24	ND	µg/L	No
Tetrachloroethylene	Aug 12/24	ND	µg/L	No
2,3,4,6-Tetrachlorophenol	Aug 12/24	ND	µg/L	No
Triallate	Aug 12/24	ND	µg/L	No
Trichloroethylene	Aug 12/24	ND	µg/L	No
2,4,6-Trichlorophenol	Aug 12/24	ND	µg/L	No
Trifluralin	Aug 12/24	ND	µg/L	No
Vinyl Chloride	Aug 12/24	ND	µg/L	No
2 methyl-4-chlorophenoxyacetic acid (MCPA) Reported as MCPA on analysis	Aug 12/24	ND	µg/L	No

*ND = Not detected

Organic Testing – Well 5

Summary of Organic parameters tested during this reporting period or the most recent sample results				
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	Aug 12/24	ND	µg/L	No
Atrazine + N-dealkylated metabolites	Aug 12/24	ND	µg/L	No
Azinphos-methyl	Aug 12/24	ND	µg/L	No
Benzene	Aug 12/24	ND	µg/L	No
Benzo(a)pyrene	Aug 12/24	ND	µg/L	No
Bromoxynil	Aug 12/24	ND	µg/L	No
Carbaryl	Aug 12/24	ND	µg/L	No
Carbofuran	Aug 12/24	ND	µg/L	No
Carbon Tetrachloride	Aug 12/24	ND	µg/L	No
Chlorpyrifos	Aug 12/24	ND	µg/L	No
Diazinon	Aug 12/24	ND	µg/L	No
Dicamba	Aug 12/24	ND	µg/L	No
1,2-Dichlorobenzene	Aug 12/24	ND	µg/L	No
1,4-Dichlorobenzene	Aug 12/24	ND	µg/L	No
1,2-Dichloroethane	Aug 12/24	ND	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Aug 12/24	ND	µg/L	No
Dichloromethane	Aug 12/24	ND	µg/L	No
2-4 Dichlorophenol	Aug 12/24	ND	µg/L	No



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Summary of Organic parameters tested during this reporting period or the most recent sample results				
2,4-Dichlorophenoxy acetic acid (2,4-D)	Aug 12/24	ND	µg/L	No
Diclofop-methyl	Aug 12/24	ND	µg/L	No
Dimethoate	Aug 12/24	ND	µg/L	No
Diquat	Aug 12/24	ND	µg/L	No
Diuron	Aug 12/24	ND	µg/L	No
Glyphosate	Aug 12/24	ND	µg/L	No
HAA (running annual average)	2025	5.76	µg/L	No
Malathion	Aug 12/24	ND	µg/L	No
Metolachlor	Aug 12/24	ND	µg/L	No
Metribuzin	Aug 12/24	ND	µg/L	No
Monochlorobenzene	Aug 12/24	ND	µg/L	No
Paraquat	Aug 12/24	ND	µg/L	No
Pentachlorophenol	Aug 12/24	ND	µg/L	No
Phorate	Aug 12/24	ND	µg/L	No
Picloram	Aug 12/24	ND	µg/L	No
Polychlorinated Biphenyls(PCB)	Aug 12/24	ND	µg/L	No
Prometryne	Aug 12/24	ND	µg/L	No
Simazine	Aug 12/24	ND	µg/L	No
THM (running annual average)	2025	10.18	µg/L	No
Terbufos	Aug 12/24	ND	µg/L	No
Tetrachloroethylene	Aug 12/24	ND	µg/L	No
2,3,4,6-Tetrachlorophenol	Aug 12/24	ND	µg/L	No
Triallate	Aug 12/24	ND	µg/L	No
Trichloroethylene	Aug 12/24	ND	µg/L	No
2,4,6-Trichlorophenol	Aug 12/24	ND	µg/L	No
Trifluralin	Aug 12/24	ND	µg/L	No
Vinyl Chloride	Aug 12/24	ND	µg/L	No
2 methyl-4-chlorophenoxyacetic acid (MCPA) Reported as MCPA on analysis	Aug 12/24	ND	µg/L	No

*ND = Not detected



Organic Testing – Well 6

Summary of Organic parameters tested during this reporting period or the most recent sample results				
Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	Aug 12/24	ND	µg/L	No
Atrazine + N-dealkylated metabolites	Aug 12/24	ND	µg/L	No
Azinphos-methyl	Aug 12/24	ND	µg/L	No
Benzene	Aug 12/24	ND	µg/L	No
Benzo(a)pyrene	Aug 12/24	ND	µg/L	No
Bromoxynil	Aug 12/24	ND	µg/L	No
Carbaryl	Aug 12/24	ND	µg/L	No
Carbofuran	Aug 12/24	ND	µg/L	No
Carbon Tetrachloride	Aug 12/24	ND	µg/L	No
Chlorpyrifos	Aug 12/24	ND	µg/L	No
Diazinon	Aug 12/24	ND	µg/L	No
Dicamba	Aug 12/24	ND	µg/L	No
1,2-Dichlorobenzene	Aug 12/24	ND	µg/L	No
1,4-Dichlorobenzene	Aug 12/24	ND	µg/L	No
1,2-Dichloroethane	Aug 12/24	ND	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	Aug 12/24	ND	µg/L	No
Dichloromethane	Aug 12/24	ND	µg/L	No
2-4 Dichlorophenol	Aug 12/24	ND	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	Aug 12/24	ND	µg/L	No
Diclofop-methyl	Aug 12/24	ND	µg/L	No
Dimethoate	Aug 12/24	ND	µg/L	No
Diquat	Aug 12/24	ND	µg/L	No
Diuron	Aug 12/24	ND	µg/L	No
Glyphosate	Aug 12/24	ND	µg/L	No
HAA (running annual average)	2025	5.76	µg/L	No
Malathion	Aug 12/24	ND	µg/L	No
Metolachlor	Aug 12/24	ND	µg/L	No
Metribuzin	Aug 12/24	ND	µg/L	No
Monochlorobenzene	Aug 12/24	ND	µg/L	No
Paraquat	Aug 12/24	ND	µg/L	No
Pentachlorophenol	Aug 12/24	ND	µg/L	No
Phorate	Aug 12/24	ND	µg/L	No
Picloram	Aug 12/24	ND	µg/L	No



Summary of Organic parameters tested during this reporting period or the most recent sample results				
Polychlorinated Biphenyls(PCB)	Aug 12/24	ND	µg/L	No
Prometryne	Aug 12/24	ND	µg/L	No
Simazine	Aug 12/24	ND	µg/L	No
THM (running annual average)	2025	10.18	µg/L	No
Terbufos	Aug 12/24	ND	µg/L	No
Tetrachloroethylene	Aug 12/24	ND	µg/L	No
2,3,4,6-Tetrachlorophenol	Aug 12/24	ND	µg/L	No
Triallate	Aug 12/24	ND	µg/L	No
Trichloroethylene	Aug 12/24	ND	µg/L	No
2,4,6-Trichlorophenol	Aug 12/24	ND	µg/L	No
Trifluralin	Aug 12/24	ND	µg/L	No
Vinyl Chloride	Aug 12/24	ND	µg/L	No
2 methyl-4-chlorophenoxyacetic acid (MCPA) Reported as MCPA on analysis	Aug 12/24	ND	µg/L	No

*ND = Not detected

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.				
Parameter	Sample Date	Result Value	Unit of Measure	ODWS Standard
Fluoride – Well 4	Aug 15/23	0.939	mg/L	1.5
Fluoride – Well 5	Aug 15/23	0.944	mg/L	1.5
Fluoride – Well 6	Aug 15/23	1.30	mg/L	1.5
Arsenic – Q1 – Well 4	Feb 10/25	6.2	µg/L	10
Arsenic – Q2 – Well 4	May 12/25	5.9	µg/L	10
Arsenic – Q3 – Well 4	Aug 11/25	6.2	µg/L	10
Arsenic – Q4 – Well 4	Nov 10/25	6.1	µg/L	10

Note: Fluoride is naturally occurring in the Listowel Drinking Water Supply. For more information on fluoride visit Huron Perth Public Health Unit at:

<https://www.hpph.ca/health-topics/water/>



Part 2 – SUMMARY REPORT (as required by O. Reg. 170/03, Schedule 22)

Non-Compliance with Legislations, Regulations, Approvals & Orders

The Listowel Drinking Water System is governed by, and must operate in accordance with, the following Acts and Regulations:

- Safe Drinking Water Act 2002;
 - O. Reg 128/04 – Certification of Drinking Water System Operators
 - O. Reg 170/03 – Drinking Water Systems
 - O. Reg 169/03 – Ontario Drinking Water Quality Standards
- Environmental Protection Act, where applicable;
- Clean Water Act, where applicable;
- Municipal Drinking Water License - 091-103 Issue #6;
- Drinking Water Works Permit - 091-203 Issue #5;
- Permit to Take Water – P-300-5141584896

During this period, the Facility was operated in full compliance with the Act, the regulations and the Facility’s license and permit save and except for the following:

Requirement	Duration of Failure	Measures to Correct the Failure
There were no non-compliances in 2025.		



System Capability

WELL 4						
Month	Average Flow (m³/d)	Maximum Flow (m³/d)	Total Monthly Flow (m³/d)	Maximum Flow Rate (L/min)	System Capacity	Approved Flow Rate
January	805.00	976.00	24941.00	2070.15	3,273.1 m ³ /day	2,273 L/min
February	814.00	1025.00	22799.00	2086.96		
March	871.00	1301.00	26987.00	2095.01		
April	836.00	935.00	25068.00	2086.12		
May	934.00	1461.00	28956.00	1880.89		
June	919.00	1127.00	27574.00	2090.24		
July	936.00	1153.00	29023.00	2092.62		
August	912.00	1135.00	28266.00	2093.74		
September	941.00	1490.00	28216.00	1885.03		
October	898.00	1248.00	27837.00	1890.24		
November	836.00	995.00	25072.00	2085.54		
December	842.00	1040.00	26116.00	2093.89		
Average	787.67		26737.92	2037.54		
Maximum		1490.00	29023.00	2095.01		
% of Capacity	26.85	45.52				



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WELL 5						
Month	Average Flow (m³/d)	Maximum Flow (m³/d)	Total Monthly Flow (m³/d)	Maximum Flow Rate (L/min)	System Capacity	Approved Flow Rate
January	811.00	958.00	25139.00	2067.48	3,273.1 m ³ /day	2,273 L/min
February	816.00	1012.00	22838.00	2107.12		
March	668.00	878.00	21314.00	2090.48		
April	830.00	957.00	24907.00	2095.49		
May	919.00	1381.00	28483.00	1894.04		
June	883.00	1035.00	26500.00	2245.37		
July	903.00	1127.00	27995.00	2072.43		
August	887.00	1074.00	27501.00	2063.68		
September	930.00	1549.00	27896.00	1864.18		
October	884.00	1213.00	27410.00	2034.21		
November	830.00	991.00	24886.00	2065.88		
December	840.00	1031.00	26034.00	2090.31		
Average	850.08		25908.58	2057.56		
Maximum		1549.00	28483.00	2245.37		
% of Capacity	25.97	47.33				



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WELL 6						
Month	Average Flow (m³/d)	Maximum Flow (m³/d)	Total Monthly Flow (m³/d)	Maximum Flow Rate (L/min)	System Capacity	Approved Flow Rate
January	799.00	909.00	24773.00	2047.30	3,273.1 m ³ /day	2,273 L/min
February	814.00	1037.00	22783.00	2067.18		
March	868.00	1289.00	26902.00	2076.95		
April	837.00	936.00	25100.00	2073.49		
May	927.00	1451.00	28751.00	1863.88		
June	898.00	1068.00	26949.00	2215.08		
July	934.00	1148.00	28969.00	2077.03		
August	902.00	1137.00	27953.00	2073.69		
September	944.00	1560.00	28331.00	1861.59		
October	901.00	1248.00	27932.00	2093.41		
November	839.00	1000.00	25165.00	2077.37		
December	851.00	1043.00	26392.00	2068.18		
Average	876.17		26666.67	2049.60		
Maximum		1560.00	28969.00	2215.08		
% of Capacity	26.77	47.65				



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LISTOWEL WELL SUPPLY – ALL WELLS					
Month	Average Flow (m³/d)	Maximum Flow (m³/d)	Total Monthly Flow (m³)	System Capacity	Approved Flow Rate
January	2414.61	2796.00	74853.00	9,819 m ³ /day	Well 4: 2,273 L/min Well 5: 2,273 L/min Well 6: 2,273 L/min
February	2443.57	3074.00	68420.00		
March	2425.90	2737.00	75203.00		
April	2502.50	2817.00	75075.00		
May	2780.32	4293.00	86190.00		
June	2700.77	3118.00	81023.00		
July	2773.77	3428.00	85987.00		
August	2700.65	3346.00	83720.00		
September	2814.77	4542.00	84443.00		
October	2683.19	3709.00	83179.00		
November	2504.10	2986.00	75123.00		
December	2533.61	3114.00	78542.00		
Average	2606.48		79313.17		
Maximum		4542.00	86190.00		
% of Capacity	26.55	46.26			