

Township of King

Summary Report for Municipal Drinking Water



Prepared in accordance with Ontario Regulation 170/03 – Section 11 & Schedule 22

Reporting Period: January 1 – December 31, 2025

King City Distribution System

System Number: 2260005138 | Class 1

Schomberg Distribution System

System Number: 260005151 | Class 1

Nobleton Distribution System

System Number: 260002577 | Class 1

Ansnoerveldt Distribution System

System Number: 260034372 | Class 1



Table of Contents

Introduction.....	4
Regulatory Requirements	4
Municipal Drinking Water Licence Program	4
Overview.....	4
MDWL and DWWP.....	5
Accreditation.....	5
Reporting.....	6
Section 11 of O.Reg 170/03	6
Schedule 22 of O.Reg 170/03.....	6
Drinking Water System Description	7
Sampling and Testing.....	8
Adverse Water Quality Incidents (AWQI)	8
Flow Summary	8
System Improvements and Repairs	11
Watermain Breaks.....	12
Schomberg Nitrification Monitoring Program	13
Complaints.....	13
Summary of Regulatory Non-Compliance	15
MECP Inspection Summary	16
Public Access to Report.....	16
Conclusion	16
Appendices	17

Table of Tables

Table 1 Drinking Water System Overview.....	4
Table 2 Distribution System Flow Data.....	9
Table 3 Watermain Breaks	13
Table 4 MECP Compliance Inspection Ratings	16



Table of Figures

Figure 1 Ansnorveldt Distribution System Flow Data	9
Figure 2 King City Distribution System Flow Data	10
Figure 3 Nobleton Distribution System Flow Data.....	10
Figure 4 Schomberg Distribution System Flow Data.....	11
Figure 5 Percent of Drinking Water Complaints Related and Unrelated to Operations	14
Figure 6 Water Complaints by Drinking Water System Attributed to Operations 2025	15



Introduction

The Township of King has prepared this report to satisfy the requirements of Section 11: Annual Report and Schedule 22: Summary Reports for Municipalities under Ontario Regulation (O.Reg.) 170/03 Drinking Water Systems, pursuant to the Safe Drinking Water Act, 2002.

This report provides Council, as owners of the municipal drinking water systems, with an overview of system performance for the 2025 reporting year. It summarizes regulatory compliance, water quality, adverse water quality incidents (AWQIs), system flows, system improvements, and compliance inspection results.

The Township of King owns and operates four municipal drinking water systems:

Table 1 Drinking Water System Overview

System Name	System Type	System Number	Classification	Drinking Water Works Permit (DWWP)	Municipal Drinking Water Licence (MDWL)	Watermain (km)	Estimated Service Population
King City Distribution System	Large Municipal Residential	2260005138	Class 1	121-203 Issue 6	121-103 Issue 4	67.4	7,348
Schomberg Distribution System	Large Municipal Residential	260005151	Class 1	121-101 Issue 5	121-101 Issue 5	15.9	2,546
Nobleton Distribution System	Large Municipal Residential	260002577	Class 1	121-202 Issue 5	121-102 Issue 4	45.4	6,576
Ansnorveldt Distribution System	Small Municipal Residential	260034372	Class 1	121-204 Issue 5	121-104 Issue 4	1.4	190

Regulatory Requirements

Municipal Drinking Water Licence Program

Overview

The Municipal Drinking Water Licence Program, established under the Safe Drinking Water Act, 2002, provides the legal framework for municipalities to operate drinking water systems in Ontario. The program ensures safe and sustainable operation through the following components:



- **Municipal Drinking Water Licence (MDWL)** – Legal authority to operate the system; renewed every five years.
- **Drinking Water Works Permit (DWWP)** – Legal authority to construct, alter, and maintain the physical works of the system.
- **Operational Plan** – Developed in accordance with the Drinking Water Quality Management Standard (DWQMS) and approved by a third-party auditor.
- **Accredited Operating Authority** – The municipality must maintain accreditation under DWQMS by third-party auditor.
- **Permit to Take Water (PTTW)** – Required for systems that take water from a source, since the Township operates distribution only system a PTTW is not applicable.

MDWL and DWWP

In 2025, the Township submitted MDWL renewal applications for all four distribution systems King City, Schomberg, Nobleton, and Ansnerfeldt, as part of the five-year MDWL renewal cycle. Applications were submitted to the MECP in March 2025 and included updated system mapping, the current Operational Plan, accreditation certificate, and Council resolution approving the Water Financial Plan.

New MDWLs were issued on September 10, 2025, and will remain valid until September 9, 2030, with a renewal application deadline of March 10, 2030. New DWWP were issued to each distribution system with the MDWL but do not have a corresponding expiry date.

Compliance with all conditions of the MDWLs and DWWPs is confirmed within this report, and no non-compliance events occurred during the reporting period.

Accreditation

Municipalities must maintain accreditation as an operating authority under the DWQMS. Accreditation is achieved through external, third-party audits and is required to maintain the Municipal Drinking Water Licence.

In 2025, the Township successfully achieved re-accreditation of its Quality Management System (QMS), reaffirming its commitment to safe drinking water and operational excellence. The re-accreditation was completed by Intertek SAI Global on May 15, 2025, following two external audits:

- **Systems Audit** – Conducted virtually on April 22, 2025, to assess the overall structure and implementation of the QMS; three Opportunities for Improvement (OFIs) were identified.
- **Re-accreditation Audit** – Conducted May 12–15, 2025 (virtual and in person) to assess conformance with all 21 DWQMS elements; two OFIs were identified.



Although OFIs were issued, the Township's DWQMS was found to be in full conformance with the DWQMS requirements, and achieving re-accreditation is a significant accomplishment that reflects the effectiveness of our QMS and our continuous improvement culture.

Accreditation follows a three-year cycle:

- **Years 1 & 2:** Surveillance audits
- **Year 3:** Full re-accreditation audit

Accordingly, the Township will undergo surveillance audits in 2026 and 2027, with the next full re-accreditation scheduled for 2028.

Reporting

Section 11 of O.Reg 170/03

Section 11 of O.Reg 170/03 requires that the Owner of a drinking water system shall ensure that an annual report, covering the period from January 1 to December 31 in a year, be prepared no later than February 28 of the following year. The report must include the following information relating to the period covered by the report:

- Include a statement of where a report prepared under Schedule 22 will be available for inspection by any member of the public during normal business hours without charge;
- Contain a brief description of the drinking water system, including a list of water treatment chemicals used by the system;
- Describe any major expenses incurred to install, repair or replace required equipment;
- Summarize any reports made to the MECP for AWQIs;
- Summarize the results of tests required under O.Reg. 170/03, or under an approval, municipal drinking water licence or order, including an Ontario Water Resources Act order, if tests required under this Regulation in respect of a parameter were not required during that period, summarize the most recent results of tests of that parameter; and,
- Describe any corrective actions taken.

Schedule 22 of O.Reg 170/03

Under Schedule 22 of Ontario Regulation 170/03, the Township must prepare an annual Summary Report for Council that includes the following:

- A list of the requirements of the Safe Drinking Water Act, its regulations, the system's approval, DWWP, MDWL, and any orders applicable to the system that were not met at any time during the reporting period.



- For each requirement that was not met, the report must specify the duration of the failure and the measures that were taken to correct the failure.
- A summary of the quantities and flow rates of water supplied during the reporting period, including monthly average and maximum daily flows.
- A comparison of the above flow information to the rated capacity and flow rates approved in the system's approval, DWWP, or MDWL.
- Confirmation that the Summary Report is made available to the public at no charge.
- The report must be provided to Council no later than March 31 for the preceding calendar year.

Drinking Water System Description

The Township of King owns and operates four drinking water distribution systems: King City, Schomberg, Nobleton, and Ansnaveldt. All treated water is supplied by York Region, which is responsible for source water, treatment, water towers and storage facilities, while the Township maintains the local distribution networks.

The King City Distribution System receives its drinking water from surface water. There are Two elevated storage tanks are owned and operated by York Region, and secondary disinfection is provided within the system.

The Schomberg Distribution System is supplied by groundwater wells owned and operated by York Region. Treatment includes chlorine disinfection and iron and manganese removal, and the system is supported by an elevated storage tank. York Region also provides secondary disinfection. The Township and York Region are actively monitoring nitrification within this system; further details are provided in the Schomberg Nitrification Monitoring Program section of this report.

The Nobleton Distribution System also receives its drinking water from groundwater wells operated by York Region. Treatment consists of chlorine disinfection and iron sequestering processes, and the system includes an elevated storage tank. Secondary disinfection is provided by York Region.

Finally, the Ansnaveldt Distribution System serves the hamlet of Ansnaveldt and is supplied by groundwater wells owned and operated by York Region. Primary chlorine disinfection and secondary disinfection are applied to ensure water quality.



Sampling and Testing

O.Reg 170/03 establishes operational checks and sampling requirements for drinking water systems, while O.Reg 169/03 sets the drinking water quality standards and maximum allowable concentrations (MAC) for regulated parameters. Throughout the reporting period, all required operational checks were completed, and drinking water samples were collected in full compliance with O.Reg. 170/03. Laboratory analyses, performed by an accredited laboratory, confirmed that all sample results met regulatory requirements and did not exceed the applicable standards outlined in O.Reg. 169/03.

The Schomberg Distribution System MDWL provides regulatory relief for chloramine residuals above the O.Reg. 169/03 MAC of 3.0 mg/L, allowing a limit of 4.0 mg/L. This relief supports the nitrification monitoring program within the distribution system. As a condition of this relief, an annual report summarizing program results and assessments is submitted to the Safe Drinking Water Act Director in coordination with York Region. Further details on the nitrification monitoring program are provided in the relevant section of this report.

Sample results are included in the applicable Drinking Water System Section 11 Annual Reports, attached as Appendices A through D. Additional sampling, beyond the requirements of O.Reg. 170/03, was conducted as specified in the King City and Schomberg MDWLs. These results are also documented in the associated Section 11 Annual Reports within the appendices.

Adverse Water Quality Incidents (AWQI)

An AWQI refers to any water quality result or system condition that does not meet the regulatory requirements outlined in O. Reg. 170/03. AWQIs may include microbiological exceedances, low disinfectant residuals, or other conditions.

If an AWQI occurs, the Township is required to:

- Immediately notify the MECP Spills Action Centre and York Region Public Health,
- Implement corrective actions,
- Conduct additional sampling until water quality parameters return to acceptable levels.
- All AWQIs must be documented, investigated, and reported.

There were **no AWQI's** in the Townships distribution systems within the reporting period.

Flow Summary

Drinking water is supplied to the Township's distribution systems by York Region. Flow data for each distribution system is provided by York Region and summarized in the graphs and table below. The graphs illustrate the monthly variation in water demand, showing the maximum



daily flow, minimum daily flow, and average daily flow for each distribution system throughout the year.

The purpose of these graphs is to provide a visual representation of seasonal trends and peak demand periods. Typically, higher flows occur during summer months due to increased outdoor water use, while lower flows are observed during winter months. This information assists in monitoring usage patterns and planning for operational needs.

The Township does not perform a comparison of rated capacity against actual flow rates for detailed capacity assessments. For capacity evaluations and system performance details, please refer to York Region's annual reports.

Table 2 Distribution System Flow Data

Distribution System	Maximum Daily Flow	Average Daily Flow
King City	6,407m ³ on July 7, 2025	2,944m ³
Schomberg	3,074m ³ on August 26, 2025	2,061m ³
Nobleton	4,441m ³ on July 31, 2025	2,032m ³
Ansnorveldt	107m ³ on June 24, 2025	46m ³

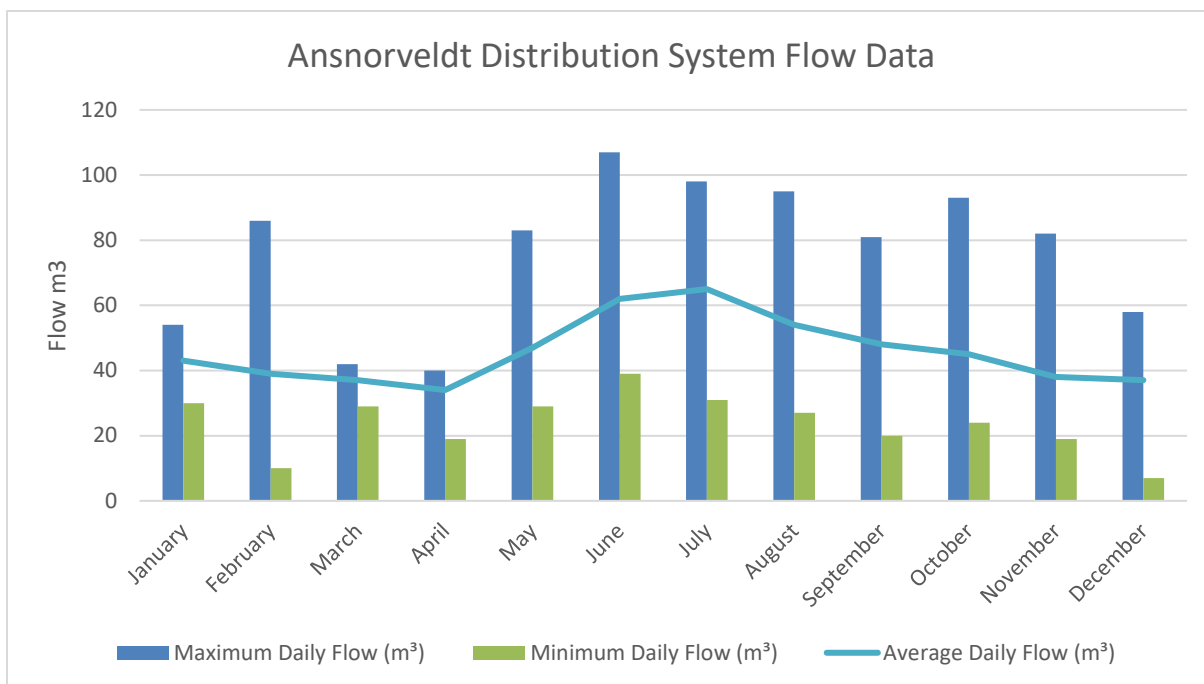


Figure 1 Ansnorveldt Distribution System Flow Data

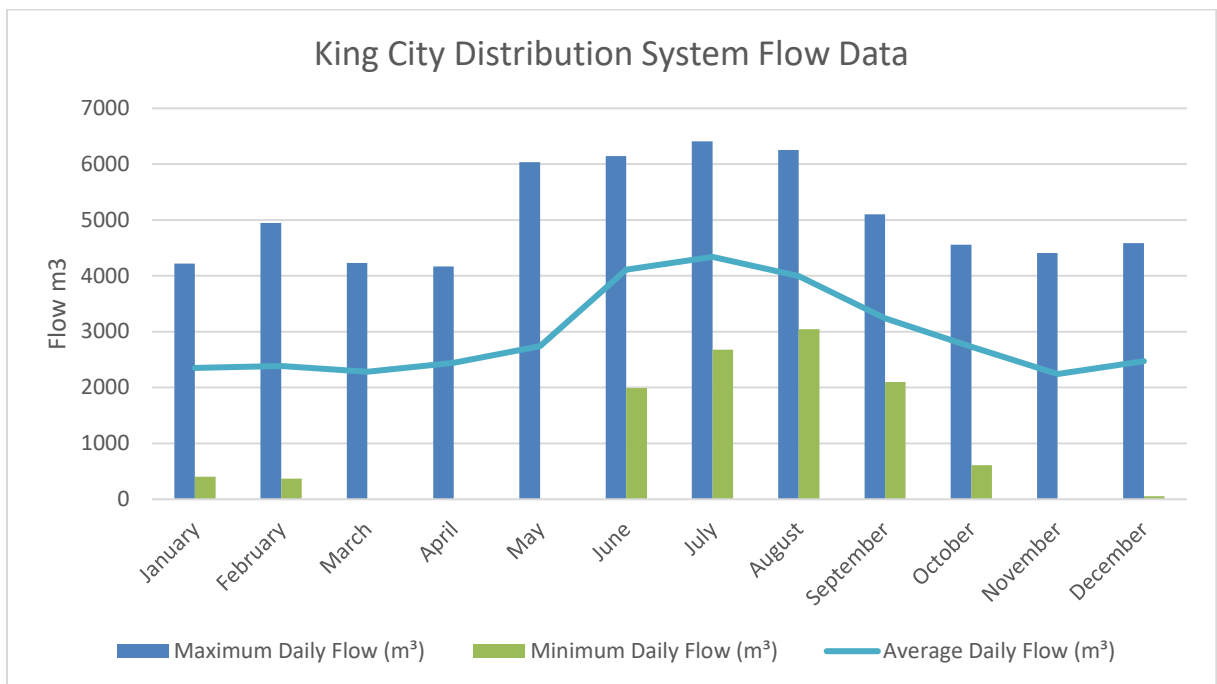


Figure 2 King City Distribution System Flow Data

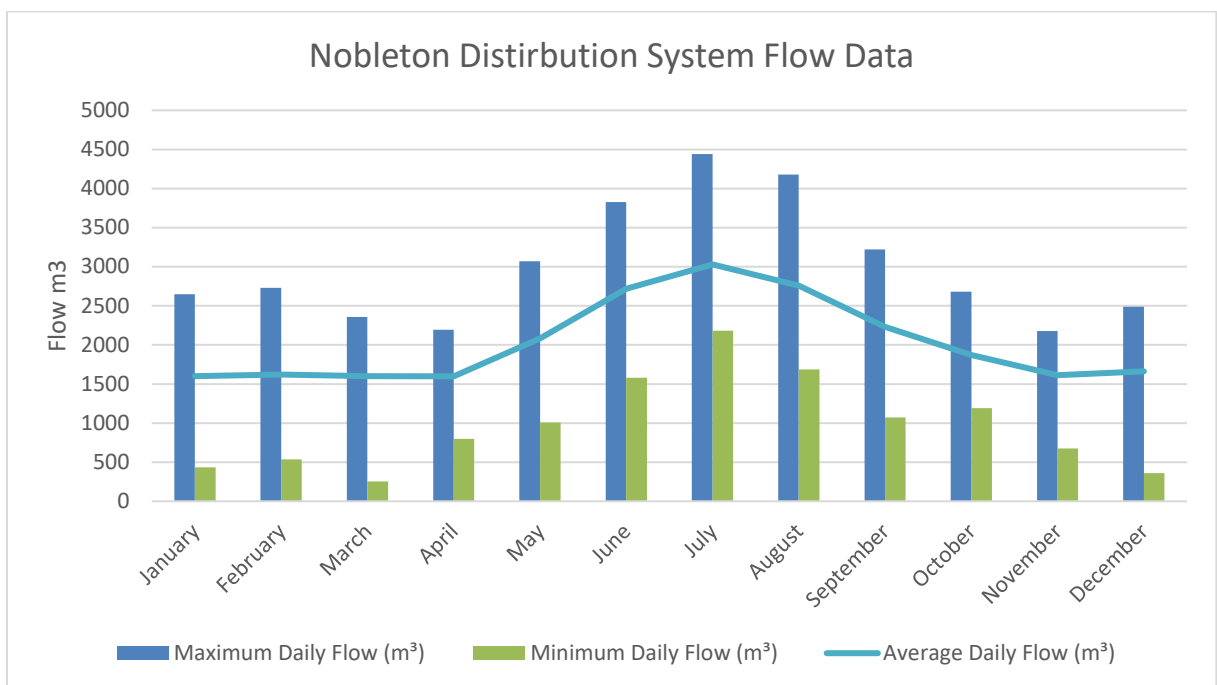


Figure 3 Nobleton Distribution System Flow Data

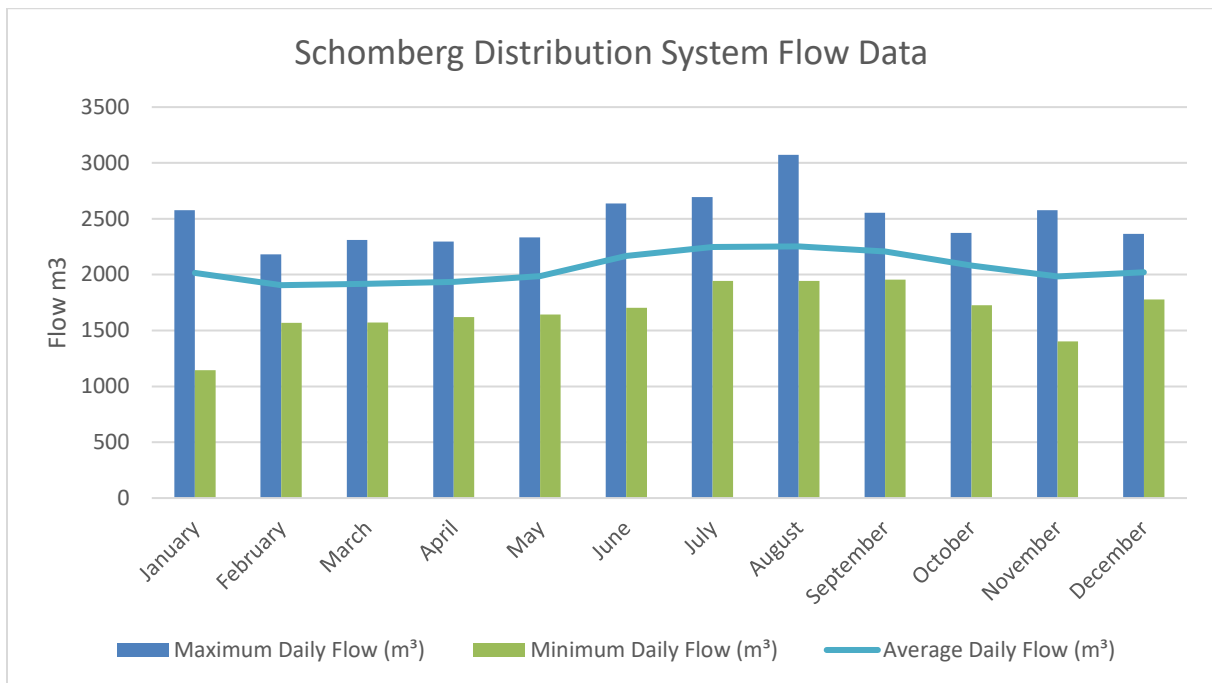


Figure 4 Schomberg Distribution System Flow Data

System Improvements and Repairs

This section summarizes key operational activities for the drinking water systems during the reporting period.

Spring and fall flushing programs were completed across all four distribution systems to maintain hydrant functionality and introduce scouring velocities. These velocities help remove accumulated sediment, reduce tuberculation, and improve overall water quality.

In 2025, the Environmental Services Division introduced a Dead-End Flushing Program to enhance water quality and system performance by identifying areas requiring more frequent flushing. Locations were prioritized using turbidity (NTU) readings, chlorine residuals, and flushing duration data to ensure a targeted and efficient approach.

For the three drinking water systems classified as Large Municipal, all water meters greater than six inches were verified and calibrated where necessary to improve accuracy in measuring large water usage.

The Valve Turning Program was completed in King City, Schomberg and Ansnorveldt, with all watermain valves operated and any deficiencies documented and resolved.



As part of ongoing maintenance, approximately 200 hydrants in the King City and Nobleton systems were painted.

A Water Meter Replacement Program was initiated in 2025 across all four systems, targeting brass meters that are 20 years or older. This program will continue through 2032 and will reduce water loss throughout all four systems by replacing old meters that wear over time causing an under quantification of water usage with newer technology meters that do not have the same wear issue ensuring equity for all users on the Municipal water supply.

To improve sampling coverage and address operational challenges, several sample stations were replaced, relocated, added, or removed in 2024. At the end of 2024, three replacements were outstanding. Since then, one station in Schomberg has been completed, while two in King City remain pending. These changes ensure sample stations are evenly distributed and eliminate locations causing operational issues.

Watermain Breaks

There were ten watermain breaks during the reporting period: seven were classified as Category 1 and three as Category 2. Breaks are categorized in accordance with the Ontario Watermain Disinfection Procedure to determine the level of risk and the corrective actions required before returning the main to service.

- **Category 1:** Breaks where there is no evidence or suspicion of contamination entering the system. These are considered low-risk because pressure is maintained and repairs are straightforward.
- **Category 2:** Breaks where there is potential or suspected contamination, or the repaired section exceeds 6 metres. These require additional precautions such as disinfection and bacteriological testing before the main is reinstated.

All required sampling, reporting, and monitoring was completed in full compliance with regulatory requirements. The below table outlines the watermain breaks that occurred in the reporting period.



Table 3 Watermain Breaks

Date	Address	System	Cost	Category	Pipe Type
2025-01-07	24 Dennison St	King City	7,200.45	1	Ductile Iron
2025-03-26	25 King Blvd.	King City	25,517.63	2	Ductile Iron
2025-04-24	101 Elizabeth Street	Nobleton	12,000.00	2	Asbestos Cement
2025-05-01	12765 Keele Street	King City	5,396.43	2	Ductile Iron
2025-05-20	2075 King Road	King City	4,888.91	1	Ductile Iron
2025-06-16	71 Manitou	King City	6,257.28	1	Ductile Iron
2025-08-12	63 Lynwood Cres	Nobleton	Contractor Error, no cost to municipality.	1	Asbestos Cement
2025-08-26	52 Proctor Road	Schomberg	11,514.77	1	Ductile Iron
2025-11-12	Hambly & Norman	King City	9,821.61	1	Ductile Iron
2025-11-13	146 Patricia	King City	12,052.83	1	Ductile Iron

The watermain on Elizabeth Street and Lynwood Crescent has since been replaced as part of the Water Capital Plan.

Schomberg Nitrification Monitoring Program

The Schomberg Distribution System MDWL specifies sampling and monitoring requirements for nitrite to manage potential nitrification. The Township's monitoring program meets and exceeds these requirements.

Sampling Requirements:

- **Nitrite:** Tested quarterly by a licensed laboratory at locations where nitrification is most likely to occur within the distribution system.
- **Nitrite:** Tested every two weeks from May to November using in-house analytical instruments or a licensed laboratory at the same targeted locations.

The Township's proactive approach ensures compliance and enhances water quality. As noted previously, there were no AWQIs within the distribution system during the reporting period. This outcome reflects a well-designed and implemented monitoring plan supported by established policies and processes to address any levels of concern promptly.

Complaints

Consumer feedback is tracked through inquiries documented in the CRM system. Each inquiry is assigned a subject upon entry, and following resolution, the Team Lead confirms or reassigns



the subject to ensure accurate categorization. Inquiries are then assessed to determine whether they are related to drinking water system operations or stem from non-operational issues, such as internal plumbing.

Definitions of Inquiry Categories:

- **Water Colour/Appearance:** Unusual water colour (e.g., brown, yellow, cloudy) or visible particles, possibly due to sediment, rust, or aesthetic issues. Can be related to system maintenance and source water characterization.
- **Water Odour:** Unusual smells (e.g., chlorine, sulphur-like), potentially caused by natural organics, treatment processes, or plumbing.
- **Water Taste:** Abnormal taste (e.g., metallic, chemical, earthy), possibly linked to source water or distribution system materials.
- **Low Pressure:** Noticeably reduced water pressure, which may result from maintenance, leaks, or system demand fluctuations.
- **Water Inquiry:** General questions or concerns about water service, quality, or infrastructure not fitting a specific complaint category.
- **Water Leak:** Visible water escaping from infrastructure (e.g., hydrants, mains, service lines), requiring investigation and repair.
- **No Water:** Complete loss of water service, often due to system shutdowns, maintenance, or localized issues.
- **Not Water Quality Related:** Inquiries unrelated to water quality, such as billing, water meters, or construction-related concerns.

A total of 162 inquiries were assigned a CRM subject associated with drinking water, although only 23 inquiries were confirmed to be directly related to the municipal drinking operations.

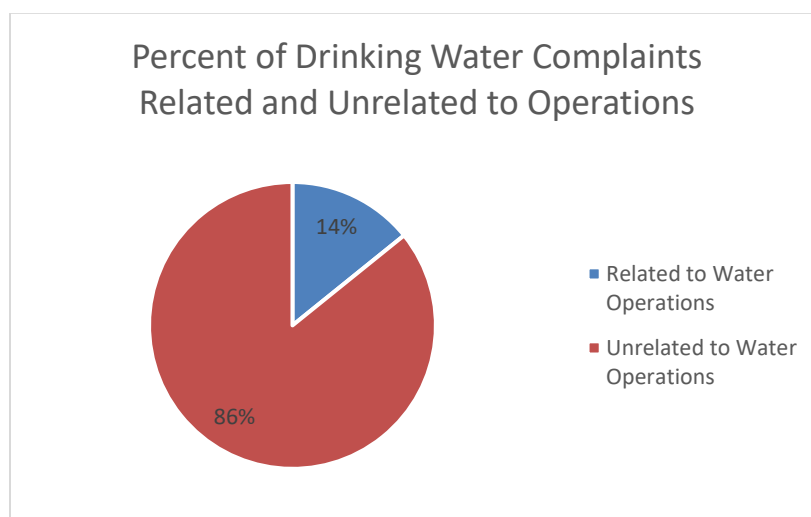


Figure 5 Percent of Drinking Water Complaints Related and Unrelated to Operations



This discrepancy highlights the critical role of effective public education and the importance of clear communication between drinking water operators and the community. It also underscores the value of thorough inquiry assessment to ensure accurate categorization for reporting.

Figure 6 outlines the complaints attributed to operations and the associated distribution system. No complaints attributed to operations were received for the Ansnorveldt Distribution System, so it has not been included in the figure.

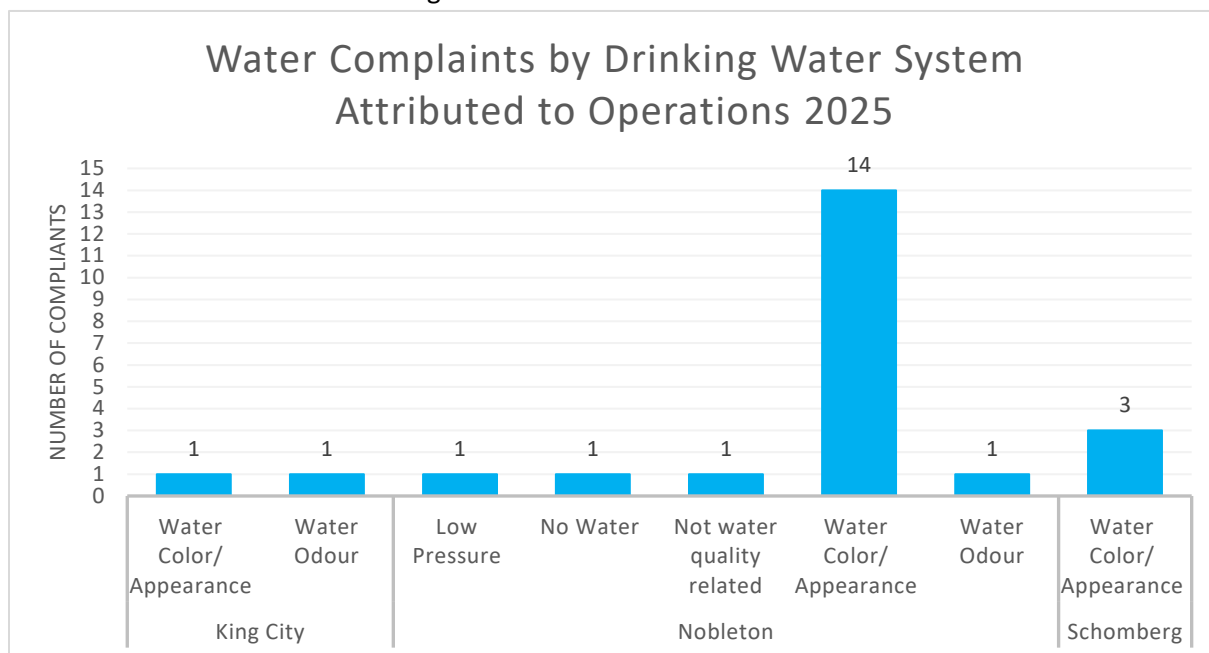


Figure 6 Water Complaints by Drinking Water System Attributed to Operations 2025

A number of the complaints specifically in Nobleton are related to Water Colour/ Appearance, which is directly related to the source water. York Region is working on system improvements that will directly impact and address this issue.

Summary of Regulatory Non-Compliance

For the reporting year, there were no incidents of regulatory non-compliance identified in any of the Township's four drinking water distribution systems.



MECP Inspection Summary

The 2025 MECP inspection has not yet been conducted at the time of this report.

The most recent MECP inspection cycle covered **December 2, 2023 to January 28, 2025**. The inspection was concluded on February 18, 2025 as such was not included in the 2024 Summary Report. The Townships drinking water systems received the following final inspection ratings:

Table 4 MECP Compliance Inspection Ratings

Distribution System	Final Inspection Rating December 2, 2023 to January 28, 2025
King City	100%
Schomberg	100%
Nobleton	100%
Ansnaveldt	100%

Achieving 100% across all systems demonstrates exemplary operational performance, effective maintenance practices, and compliance with regulatory requirements.

Public Access to Report

This report, along with its attachments, fulfills the requirements of Section 11 and Schedule 22 of O.Reg. 170/03. In accordance with Section 11, the annual reports for each drinking-water system were prepared prior to February 28 following the reporting year and will be made available to the public free of charge by that date on the Township's official website and at the Municipal Office during regular business hours upon request.

As required under Schedule 22, the Owner is provided with this report and all associated attachments through a Council Report prior to March 31 following the reporting year.

Conclusion

This Annual Report has been prepared to satisfy the requirements of Section 11 and Schedule 22 of O.Reg 170/03 under the Safe Drinking Water Act, 2002. Any Section 11 items not addressed within this report are provided in the system-specific Section 11 Annual Reports for each drinking water system, attached as appendices.

The Township remains committed to protecting public health and maintaining high drinking water quality through proactive maintenance, comprehensive monitoring, and strict adherence to applicable regulatory instruments.



Appendices

- Appendix A – Section 11 Annual Report Ansnorveldt Distribution System
- Appendix B – Section 11 Annual Report King City Distribution System
- Appendix C – Section 11 Annual Report Schomberg Distribution System
- Appendix D – Section 11 Annual Report Nobleton Distribution System

Appendix A



ANNUAL REPORT

Drinking-Water System Number:	260034372
Drinking-Water System Name:	Ansnorveldt
Drinking-Water System Owner:	Township of King
Drinking-Water System Category:	Small Municipal Residential
Period being reported:	January 1, 2025 to December 31, 2025

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]

Is your annual report available to the public at no charge on a web site on the Internet?
Yes [X] No []

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Township of King
2585 King Road
King City, ON L7B 1A1
www.king.ca

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?

Yes [] No [X] Not Applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

- [X] Public access/notice via the web
- [X] Public access/notice via Government Office
- [] Public access/notice via a newspaper
- [] Public access/notice via Public Request
- [] Public access/notice via a Public Library
- [X] Public access/notice via other method: Report to Council



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

Describe your Drinking-Water System

Distribution System Class 1

Receives all treated water from Region of York water treatment plant and groundwater wells. Secondary disinfection is provided through the maintenance of chlorine residual.

List all water treatment chemicals used over this reporting period

Refer to York Region Annual Report for the Ansnorveldt Water Supply System.

Were any significant expenses incurred to?

- ☐ Install required equipment
- ☐ Repair required equipment
- ☐ Replace required equipment

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

Not Applicable.

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

There were no reportable incidents in the Ansnorveldt DWS

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
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 Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Distribution	104	Absent	Absent	104	0-78

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report

	Number of Grab Samples	Range of Results (min #)-(max #)
Free Chlorine	220	0.66-2.96



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

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				

Summary of Inorganic parameters tested during this reporting period or the most recent sample results.

Inorganic parameter sampling is conducted by York Region, please refer to their website for information.

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results - mg/L (min#) – (max #)	Number of Exceedances
Plumbing	N/A		
Distribution	2	0.0005	None

Note that all four of the Township Drinking Water Systems are subject to the “exemption” protocols.

Summary of Organic parameters sampled during this reporting period or the most recent sample results.

Additional organic parameter sampling is conducted by York Region, please refer to their website for information.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Haloacetic Acid (HAA) (NOTE: show latest running annual average)	October 27, 2025	13.17	µg/L	None
THM (NOTE: show latest running annual average)	October 27, 2025	73.72	µg/L	None

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards

Parameter	Result Value	Unit of Measure	Date of Sample
THM	120*	ug/l	February 10, 2025
THM	56	ug/l	May 5, 2025
THM	54.9	ug/l	July 28, 2025
THM	64	ug/l	October 27, 2025

*THM is reportable on a running annual average, the results reflect the actual sample for the corresponding sample date and not the running annual average.

Appendix B



ANNUAL REPORT

Drinking-Water System Number:	260005138
Drinking-Water System Name:	King City
Drinking-Water System Owner:	Township of King
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2025 to December 31, 2025

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]

Is your annual report available to the public at no charge on a web site on the Internet?
Yes [X] No []

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Township of King
2585 King Road
King City, ON L7B 1A1
www.king.ca

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?

Yes [] No [X] Not Applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

- [X] Public access/notice via the web
- [X] Public access/notice via Government Office
- [] Public access/notice via a newspaper
- [] Public access/notice via Public Request
- [] Public access/notice via a Public Library
- [X] Public access/notice via other method: Standard of Care, Report to Council

Describe your Drinking-Water System

Distribution System Class 1
 Receives treated water from York Region Water System (Lake-Based Water).
 Secondary disinfection is provided by chloramination and has been measured as combined chlorine residual (chloramines).

List all water treatment chemicals used over this reporting period

Refer to York Region Annual Report for the King City Water Supply System.

Were any significant expenses incurred to?

- ☐ Install required equipment
☒ Repair required equipment
☐ Replace required equipment

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

2025-01-07	Watermain Break	24 Dennison St	\$7,200.45
2025-03-26	Watermain Break	25 King Blvd.	\$25,517.63
2025-05-01	Watermain Break	12765 Keele Street	\$5,396.43
2025-05-20	Watermain Break	2075 King Road	\$4,888.91
2025-06-16	Service Leak	71 Manitou	\$6,257.28
2025-11-12	Watermain Break	Hambly & Norman	\$9,821.61
2025-11-13	Watermain Break	146 Patricia	\$12,052.83

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

There were no reportable incidents in the King City DWS

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
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 Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Distribution	210	Absent	Absent	100	0-79

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report

	Number of Grab Samples	Range of Results (min #)-(max #)
Chloramine	389	0.5-2.23

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
Schedule C of License 121-103 Issue 4.	NDMA	February 10, 2025 May 27, 2025 August 11, 2025 November 3, 2025	0.001 0.0012 0.0013 0.0025	µg/L

Summary of Inorganic parameters tested during this reporting period or the most recent sample results.

Inorganic parameter sampling is conducted by York Region, please refer to their website for information.

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results - mg/L (min#) – (max #)	Number of Exceedances
Plumbing	N/A		
Distribution	6	0.0005	None

Note that all four of the Township Drinking Water Systems are subject to the “exemption” protocols.

Summary of Organic parameters sampled during this reporting period or the most recent sample results.

Additional organic parameter sampling is conducted by York Region, please refer to their website for information.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Haloacetic Acid (HAA) (NOTE: show latest annual running average)	October 27, 2025	8.27	µg/L	None
THM (NOTE: show latest annual running average)	October 27, 2025	20.82	µg/L	None

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards

Parameter	Result Value	Unit of Measure	Date of Sample
N/A			

Appendix C



ANNUAL REPORT

Drinking-Water System Number:	260005151
Drinking-Water System Name:	Schomberg
Drinking-Water System Owner:	Township of King
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2025 to December 31, 2025

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]

Is your annual report available to the public at no charge on a web site on the Internet?
Yes [X] No []

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Township of King
2585 King Road
King City, ON L7B 1A1
www.king.ca

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?

Yes [] No [X] Not Applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

- [X] Public access/notice via the web
- [X] Public access/notice via Government Office
- [] Public access/notice via a newspaper
- [] Public access/notice via Public Request
- [] Public access/notice via a Public Library
- [X] Public access/notice via other method: Report to Council



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

Describe your Drinking-Water System

Distribution System Class 1

Receives all treated water from Region of York water treatment plant and groundwater wells. Secondary disinfection was provided by chloramination and has been measured as combined chlorine residual (chloramines).

List all water treatment chemicals used over this reporting period

Refer to York Region Annual Report for the Schomberg Water Supply System.

Were any significant expenses incurred to?

☐ Install required equipment

☒ Repair required equipment

☒ Replace required equipment

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

2025-08-26	Watermain Break	52 Proctor Road	\$11,514.77
2025-01-05	Dillane Sample Station Replacement		\$1,800.00

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

There were no reportable incidents in the Schomberg DWS.

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
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 Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Distribution	208	Absent	Absent	100	0-36

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report

	Number of Grab Samples	Range of Results (min #)-(max #)
Chloramine	540	1.83-3.88

*Regulatory Relief granted by MECP for MAC Chloramines of 4.0 mg/L per Schedule D of MDWL 121-101 Issue 5.



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

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
Schedule C of License 121-101 Issue 5.	NDMA	February 10, 2025 May 27, 2025 August 11, 2025 November 3, 2025	0.0009 0.0009 0.001 0.001	µg/L
Schedule C of License 121-101 Issue 5.	Nitrite	February 10, 2025 May 5, 2025 July 28, 2025 October 27, 2025	0.52 0.58 0.44 0.57	mg/L

Summary of Inorganic parameters tested during this reporting period or the most recent sample results.

Additional inorganic parameter sampling is conducted by York Region, please refer to their website for information.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Nitrate	February 10, 2025	0.5	mg/L	None
	May 5, 2025	0.5	mg/L	None
	July 28, 2025	0.5	mg/L	None
	October 27, 2025	0.5	mg/L	None
Nitrite	February 10, 2025	0.52	mg/L	None
	May 5, 2025	0.58	mg/L	None
	July 28, 2025	0.44	mg/L	None
	October 27, 2025	0.57	mg/L	None

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results - mg/L (min#) – (max #)	Number of Exceedances
Plumbing	N/A		
Distribution	4	0.0005	None

Note that all four of the Township Drinking Water Systems are subject to the “exemption” protocols.

Summary of Organic parameters sampled during this reporting period or the most recent sample results.

Additional organic parameter sampling is conducted by York Region, please refer to their website for information.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Haloacetic Acid (HAA) (NOTE: show latest running annual average)	October 27, 2025	8.075	µg/L	None
THM (NOTE: show latest running annual average)	October 27, 2025	4.637	µg/L	None

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards

Parameter	Result Value	Unit of Measure	Date of Sample
Nitrite	0.52	mg/l	February 10, 2025
Nitrite	0.58	mg/l	May 5, 2025
Nitrite	0.57	mg/l	October 27, 2025

Appendix D

ANNUAL REPORT

Drinking-Water System Number:	260002577
Drinking-Water System Name:	Nobleton
Drinking-Water System Owner:	Township of King
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2025 to December 31, 2025

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]

Is your annual report available to the public at no charge on a web site on the Internet?
 Yes [X] No []

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Township of King
 2585 King Road
 King City, ON L7B 1A1
 www.king.ca

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?
 Yes [] No [X] Not Applicable.

Indicate how you notified system users that your annual report is available, and is free of charge.

- [X] Public access/notice via the web
- [X] Public access/notice via Government Office
- [] Public access/notice via a newspaper
- [] Public access/notice via Public Request
- [] Public access/notice via a Public Library
- [X] Public access/notice via other method: Report to Council



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

Describe your Drinking-Water System

Distribution System Class 1

Receives all treated water from Region of York water treatment plant and groundwater wells. Secondary disinfection is provided through the maintenance of chlorine residual.

List all water treatment chemicals used over this reporting period

Refer to York Region Annual Report for the Nobleton Water Supply System.

Were any significant expenses incurred to?

☐ Install required equipment

☒ Repair required equipment

☒ Replace required equipment

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

2025-04-24 Watermain Break 101 Elizabeth Street \$12,000.00

2024-2025

Watermain Replacement, Capital Project (Cross Avenue, Elizabeth Drive, Lynwood Crescent and Norman Avenue)

\$1.7 Million

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

There were no reportable incidents in the Nobleton DWS

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
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 Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Distribution	209	Absent	Absent	100	0-55

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report

	Number of Grab Samples	Range of Results (min #)-(max #)
Free Chlorine	382	0.6-2.5



Ontario Drinking-Water Systems Regulation O. Reg. 170/03

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				

Summary of Inorganic parameters tested during this reporting period or the most recent sample results.

Inorganic parameter sampling is conducted by York Region, please refer to their website for information.

Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Location Type	Number of Samples	Range of Lead Results - mg/L (min#) – (max #)	Number of Exceedances
Plumbing	N/A		
Distribution	6	0.0005	None

Note that all four of the Township Drinking Water Systems are subject to the “exemption” protocols.

Summary of Organic parameters sampled during this reporting period or the most recent sample results.

Additional organic parameter sampling is conducted by York Region, please refer to their website for information.

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Haloacetic Acid (HAA) (NOTE: show latest running annual average)	October 27, 2025	8	µg/L	None
THM (NOTE: show latest running annual average)	October 27, 2025	26.87	µg/L	None

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards

Parameter	Result Value	Unit of Measure	Date of Sample
N/A			