Appendix 1

2024
Annual Summary Report
For Municipal Drinking Water Systems

Holland Landing/ Queensville/ Sharon
DRINKING WATER SYSTEM 260001747

And

Yonge/ Green Lane
DRINKING WATER SYSTEM 260087685

And

Mount Albert
DRINKING WATER SYSTEM 260002265

Reporting Period: January 1, 2024, to December 31, 2024
Schedule 22 of Ontario Regulation 170/03
(Safe Drinking Water Act, 2002)

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Executive Summary

The Safe Drinking Water Act (SDWA) requires that it is the Town of East Gwillimbury's responsibility to:

- Recognize that the people of Ontario are entitled to expect their drinking water to be safe; and,
- Provide for the protection of human health and the prevention of drinking water health hazards through the control and regulation of Drinking Water Systems and drinking water testing.

The completion of this Summary Report is intended to provide the Mayor and Members of Council, as "Owners" of the Drinking Water Systems (DWS), a summary of the Town of East Gwillimbury's DWS for the reporting period of January 1, 2024 to December 31, 2024.

This report conforms to the requirements of Schedule 22 of the Ministry of the Environment, Conservation and Parks (MECP), Regulation 170/03 (Summary Reports for Municipalities).

Additionally, Annual Water Quality Reports were prepared for each DWS to fulfill Section 11 of Ontario Regulation 170/03. These reports summarize specific details regarding the overall quality of the Town's DWS and were posted on the Town of East Gwillimbury's website by February 28, 2024.

During the reporting period no provincial orders were issued to the Town by the MECP under the SDWA and the Town has maintained compliance with the acts and regulations including water quality monitoring and maintenance of the DWS. All infrastructure interruptions were quickly resolved while ensuring the safety of the DWS and its users.

Highlights

- 100% inspection risk rating received in the 2024 MECP inspection report for all three drinking water systems.
- All Town Drinking water systems were operated in accordance with Municipal Drinking Water Licences and Drinking Water Works Permits.
- All required regulatory sampling was completed in 2024. Over 6,300 samples were tested.
- All adverse incidents were responded to and resolved in accordance with the required regulations and reported to the satisfaction of the MECP and Public Health.
- The Town remains fully accredited for the Drinking Water Quality Management Standard (DWQMS).

Summary of Drinking Water Systems

The Engineering and Public Works Department's Water/Wastewater Team is responsible for the distribution of potable (safe drinking) water to all municipal water users in the Town of East Gwillimbury.

The Town owns and operates three (3) large municipal DWS, which are distribution only and classified by the MECP as "Class I Drinking Water Systems":

1. Holland Landing/ Queensville/ Sharon (HQS) DWS
2. Yonge/ Green Lane (YGL) DWS
3. Mount Albert (MA) DWS

East Gwillimbury's treated drinking water is entirely supplied by York Region from both groundwater wells operated by York Region and surface water (Lake Ontario) sourced by York Region from the City of Toronto and the Region of Peel. These systems are disinfected with free chlorine (chlorinated) or a mixture of chlorine and ammonia (chloraminated).

The **HQS** DWS is operated as a chloraminated DWS and receives groundwater from the two (2) York Region wells in Holland Landing and four (4) York Region wells in Queensville. Additionally, this system receives a blended source comprised of surface water from Lake Ontario and groundwater.

The **YGL** DWS is operated as a chloraminated DWS and receives a blended source of surface water from Lake Ontario and groundwater.

The **MA** DWS is operated as a chlorinated system and receives groundwater from three (3) York Region wells located within the community of Mount Albert.

East Gwillimbury's DWS are identified by their own DWS numbers through the MECP.

A Municipal Drinking Water License and Drinking Water Works Permit have been assigned by MECP to all DWS and details are noted below.

DWS Name	Mount Albert	Yonge/ Green Lane	Holland Landing/ Queensville/ Sharon
DWS Number	260002265	260087685	260001747
Municipal Drinking Water	117-101	117-102	117-103
Drinking Water Works	117-201	117-202	117-203

Legislative Requirements

The Safe Drinking Water Act, 2002 (SDWA) and the associated regulations under which the Town of East Gwillimbury operates the Town's Drinking Water Systems are:

- Ontario Regulation 170/03 (Drinking Water Systems)
- Ontario Regulation 128/04 (Certification of Drinking Water System Operators and Water Quality Analysts)
- Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards)
- Ontario Regulation 188/07 (Licensing of Municipal Drinking Water Systems)

The Town's non-municipal systems fall under the Health Protection and Promotion Act associated regulation, O. Reg. 319/08 (Small Drinking Water Systems).

The Safe Drinking Water Act, 2002

Justice Dennis O'Connor, who led the Walkerton Commission of Inquiry, recommended that the Ontario government enact a Safe Drinking Water Act to deal with matters related to treatment and distribution of drinking water. As articulated by Mr. Justice Dennis O'Connor, the purpose of the Safe Drinking Water Act is to gather, in one place, all legislation and regulations relating to the treatment and distribution of drinking water.

Further to Commissioner O'Connor's recommendations, the provincial government passed the Safe Drinking Water Act, 2002, which expanded on the existing policies and practices and introduced new features to protect drinking water in Ontario. The Act's purpose is to protect human health through the control and regulation of DWS and drinking water testing. The Act

also provides legislative authority to implement 50 of the 93 recommendations made in Commissioner O'Connor's Part Two Report.

Ontario Regulation 170/03 (Drinking Water Systems)

The Drinking Water Systems Regulation (O. Reg 170/03) establishes categories of systems. East Gwillimbury's municipal water systems are Large Municipal Residential Systems which serve major residential developments with private residences.

Section 11 of the Regulation outlines annual reporting requirements applicable to Large Municipal Residential Systems. These reports contain a system description, a summary of any test results, any corrective actions, and a summary of any sample exceedances. Annual reports required by section 11 are to be prepared and made available by February 28th of each year. The 2024 annual reports for each of the three systems are available on the Town's website. The Regulation contains schedules that address several requirements for a DWS. The following schedules are applicable to Town's systems:

Schedule 7	Operational Checks
Schedule 10	Microbiological Sampling and Testing
Schedule 13	Chemical Sampling and Testing
Schedule 15.1	Lead Sampling
Schedule 16	Reporting Adverse Test Results and Other Problems
Schedule 22	Summary Reports for Municipalities

Schedule 7 - Operational Checks

Schedule 7, Operational Checks for Municipal - Large Residential Systems, identifies responsibility for chlorine, turbidity, and fluoride testing, as well as defines tests that can be done by a certified operator or a certified water quality analyst.

The Town ensures that regulated water samples from each DWS are collected and tested for chlorine residual to ensure adequate secondary disinfection in the distribution systems. Primary disinfection and regulatory testing for inorganics, organics, nitrate and nitrites, sodium, and fluoride are completed by York Region during drinking water production.

The MA DWS is tested for free chlorine residual, as it is a chlorinated system, and HQS and YGL DWS are tested for combined chlorine residual, as they are chloraminated systems.

For the reporting period, 3,492 regulatory samples were taken from the HQS DWS and tested for combined chlorine; 840 regulatory samples were taken from the YGL DWS and tested for combined chlorine; 603 regulatory samples were taken from the MA DWS and tested for free chlorine.

Schedule 10 - Microbiological Sampling and Testing

Microbiological sampling for Large Municipal Residential Systems is mandated under Schedule 10. The number of microbiological samples taken and tested is based on population. For the 3 municipal systems in East Gwillimbury, which serve a population less than 100,000, the operating authority must take 8 samples per month plus one for every thousand residents served, with at least one sample taken each week and 25% tested in addition for Heterotrophic Plate Count (HPC). The table below summarizes microbiological sampling in each of the three systems.

Location	Number of Samples Required	Number of Samples Taken	Number of HPC Samples
HQS DWS	396	412	212
MA DWS	168	194	101
YGL DWS	132	155	81

Schedule 13 - Chemical Sampling and Testing

Schedule 13, Chemical Sampling and Testing applies to the Town as all the Town's systems are classified as Municipal Large Residential systems. Schedule 13 involves the sampling of inorganics, organics, trihalomethanes (THMs), haloacetic acids (HAAs), nitrate and nitrites, sodium, and fluoride.

As noted in Schedule 7, York Region tests for inorganics, organics, nitrate and nitrites, sodium, and fluoride during drinking water production.

The Town tests for trihalomethanes (THMs) and haloacetic acids (HAAs) in all its distribution systems on a quarterly basis to satisfy the regulatory requirements.

There were no exceedances in any of the three (3) DWS for THM or HAA during the reporting period.

Schedule 15.1 - Lead

All three drinking water systems qualify to participate in the reduced sampling frequency under Ontario Regulation 170/03, Schedule 15.1. Lead testing is completed under a twelve-month

(12) month cycle, 2024 being the latest year for sampling. Each of the two rounds within each cycle requires a total of four (4) distribution samples from HQS, two (2) from YGL and three (3) from MA. Sampling occurred during the periods of December 15-April 15 (Round 1 winter), and June 15-October 15 (Round 2 summer), and there were no exceedances from any sample. The next lead sampling analysis will occur in 2025.

Schedule 16 - Reporting Adverse Test Results and Other Problems

Reporting adverse test results and other problems is required under Schedule 16.

This Schedule defines the Town's duty to report in the event that any drinking water tests do not meet the standards prescribed by Schedules 1, 2, or 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03), along with other specific parameters as identified within the Schedule.

The reporting requirement involves an immediate oral and, within 24 hours, written notification to the MECP Spills Action Center (SAC), and the Medical Officer of Health at the local York Region Health Unit. All incidents were reported and resolved in accordance with the acts and regulations, the Town's standard operating procedures, and to the satisfaction of the MECP and Medical Officer of Health. After corrective actions have been completed, the area of the adverse is re-sampled to ensure water quality is no longer adverse and a notice of issue resolution is reported back to the MECP and York Region Public Health.

In the HQS system, sixty (60) Adverse Water Quality Incidents (AWQI) were reported in 2024. The majority of the AWQIs were the result of low chloramine residual in the communities of Queensville and Sharon, fifty-eight (58). In addition, there were (2) AWQI's related to the presence of Total Coliform.

In the YGL system, ten (10) Adverse Water Quality Incidents (AWQI) were reported in 2024. The majority, eight (8) of the AWQIs were the result of low chloramine residual. In addition, there was one (1) AWQI related to the presence of Total Coliform, and one (1) AWQI related to a sodium exceedance. According to the provincial standards for drinking water quality, the aesthetic objective for sodium is 200 mg/L. While sodium results are well below the provincial objective, any test results for sodium exceeding 20 mg/L must be reported once every five (5) years as an AWQI. This ensures notification to public health and is meant to assist local physicians in advising patients on sodium-restricted diets. Additional information pertaining to sodium in drinking water, including average concentrations throughout York Region, can be found on York Region's website.

For each of the low chloramine residual AWQIs, the system was flushed, re-sampled, and chloramine was restored to the affected area. With respect to the AWQI's for the presence of

Total Coliform and sodium, the system was flushed and/or re-sampled at the location of the adverse as well as upstream and downstream locations. All incidents were reported and resolved in accordance with the acts and regulations and to the satisfaction of the MECP and Medical Officer of Health.

No AWQI results were observed and reported in the and Mount Albert system in 2024.

Schedule 22 - Summary Reports for Municipalities, and Section 11 of O. Reg. 170/03

Summary Reports for Municipalities for Municipal Large Residential systems are identified within Schedule 22. The requirements of the report are listed within it, and annual submissions for the previous calendar year must be submitted to Members of Council, as "Owners" of the system, by March 31st of the following year.

The Summary Report is also available on the Town's website and hard copies are available by request to members of the public at the Town's municipal offices located at 19000 Leslie Street, Sharon.

Similarly, Annual Water Quality Reports defined under Section 11 of the Regulation are prepared for submission no later than February 28th of the following year. The Annual Water Quality Reports are also made available on the Town of East Gwillimbury's website, on or before the annual deadline.

Small Drinking Water Systems, O. Reg. 319/08

The North Union Community Centre system, the Mount Albert Lions Club system, and the Operations Centre system fall under this regulation. York Region's Health Department has enforcement responsibility for these water supply systems.

The Town has ultra-violet (UV) disinfection systems at all three (3) of these locations. The Operations Centre also uses chlorine for secondary disinfection within the system. The Town has received directives for these systems from the York Region's Public Health under which the Town is required to conduct organic and inorganic sampling.

In 2024 the Operations Centre SDWS experienced, three (3) Adverse Water Quality Incidents (AWQI) Two (2) were a result of low chloramine residual and one (1) sodium exceedance. All incidents were reported and resolved in accordance with the acts and regulations and to the satisfaction of the Medical Officer of Health.

No AWQI results were reported for The North Union Community Centre system or the Mount Albert Lions Club system in 2024.

MECP Drinking Water Inspection

An announced, focused inspection was conducted by the MECP on the Town's 3 large distribution systems between November-December 2024. The MECP inspector reviewed the Town's records, plans and policies from November 2023 to November 2024 to ensure compliance with the Safe Drinking Water Act and its applicable regulations. The overall compliance rating was 100% for each of the 3 systems.

Ontario Regulation 128/04 (Certification of Drinking Water System Operators and Water Quality Analysts)

This Regulation establishes the training and certification requirements that must be satisfied by certified operators and water quality analysts. Requirements include taking mandatory training courses approved by the Director of the MECP. Operator certificates must be renewed every three years and requires completion of regulatory training. The hours of training for operators are based on the class of the subsystem. The MECP has designated all Town systems as Class 1 systems.

The Town of East Gwillimbury's water staff operate all DWS in accordance with the Safe Drinking Water Act and all Operators are required to complete a total of 90 training hours within the three-year Operator's certificate renewal period. Operator training consists of 21 hours of MECP "Director Approved" training, plus 69 hours of On-the-Job practical training.

During the reporting period, all the licensed Water Operators held a valid operator certificate in compliance with O. Reg 128/04.

Ontario Regulation 169/03 - Ontario Drinking Water Quality Standards

The Ontario Drinking Water Quality Standard identifies the minimum level of drinking water quality acceptable for human consumption.

The Town of East Gwillimbury assesses the acceptability of water through compliance with the following standards:

- Schedule 1: Microbiological Standard
- Schedule 2: Chemical Standards
- Schedule 3: Radiological Standards

Results outside of these regulatory standards are considered adverse and require reporting as well as corrective actions based on the type of adverse.

Ontario Regulation 188/07 - Licensing of Municipal Drinking Water Systems

The Safe Drinking Water Act requires Owners and Operating Authorities of municipal drinking water systems to have an accredited Operating Authority. The Water/Wastewater team of Engineering and Public Works Department is the accredited Operating Authority for the Town.

To become accredited, an Operating Authority must establish and maintain a Quality Management System (QMS). Minimum requirements for the QMS are specified within the Drinking Water Quality Management Standard.

The Town's permits and licenses are valid until June 2026, with the application for renewal due in December 2025.

Drinking Water Quality Management Standard (DWQMS)

The DWQMS is a proactive and preventive approach to assuring drinking water quality and contains elements that are fundamental to ensuring the long-term sustainability of a DWS including: Management processes employed within the system; the maintenance of infrastructure used to supply drinking water; and identification of potential risks and risk mitigation strategies for items such as system security, water treatment, and the impacts of climate change. Audits ensure compliance with DWQMS and continual improvement.

The Town remains fully accredited through the review period for the DWQMS.

SAI Global, an external auditor, conducted a surveillance system audit in March 2024. There were zero (0) non-conformances and one (1) opportunity for improvement identified during the assessment.

An internal audit of the DWQMS was conducted by AET Consultants in November of 2024. There were zero (0) major non-conformances, one (1) minor non-conformance, and four (4) opportunities for improvement identified during the assessment.

All non-conformities and opportunities for improvement were tracked in the Town's Corrective Action Review log and updates are ongoing in the Town's DWQMS Operational Plan.

New Legislative Requirements

No new legislation requirements noted for 2024.

Drinking Water Works Permits

The Municipal Drinking Water License and Drinking Water Works Permit (DWWP) authorizes the Water/ Wastewater Team of Engineering and Public Works Department to provide approval for alterations and additions to the Town's DWS.

All new developments are required to submit DWWP applications for review and approval before construction can proceed. There were two (2) Drinking Water Works Permit submissions and approvals within the review period (minor modifications or replacements not included):

- DWWP-2024-01 (Event Street)
- DWWP-2024-02 (Tricap)

Summary of Infrastructure Failures

Two watermain breaks occurred within the HQS system in 2024. The first on April 13th at 19071 Leslie Street, and the second on September 16th at the intersection of Yonge Street and Dutch Settlers Court. The Town retained a contractor to complete both repairs and oversaw the repairs which were made in accordance with the applicable acts, regulations, and best management practices.

The Town quickly responded to all incidents and followed the Town's procedures to repair failures and minimize any impact to the residents safely and efficiently.

There were no significant infrastructure failures in the MA and YGL systems during the review period.

Common Element Condominiums and Section 5(4) Agreements

There was one (1) small non-municipal year-round DWS registered in East Gwillimbury and connected to the Holland Landing /Queensville /Sharon DWS.

Under a pilot program and through an agreement, the Town agreed to treat this private DWS as a part of the larger Municipal DWS and complete regulatory sampling and flushing required to maintain water quality, accordingly.

In June of 2024, the private DWS received fragmentation from the MECP and is no longer considered a DWS. The Town and Condominium subsequently terminated the sampling agreement.

Quantities and Flow Rates of Water Supplied

In accordance with Schedule 22: Summary Reports for Municipalities of O. Reg. 170/03, the report must include:

1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows.
2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water licence.

To satisfy the requirement found in item 1., tables prepared by York Region, the Town's bulk water supplier, summarizing the quantities and flow rates of the water supplied during the reporting period can be found within Appendix A.

In relation to the comparison of the summary detailed within item 2., York Region is responsible for supplying the Town of East Gwillimbury systems with water and the provision of adequate quantities and flow rates is verified through the Master Planning process in addition to field verifications to ensure the requirements are met.

IWA/AWWA Water Audit

Annually, Town staff follow AWWA industry best practices to evaluate non-revenue water (NRW) and associated metrics. Non-revenue water comprises of water losses from several different areas including customer metering inaccuracies, data errors, water system leakage, and operational water use. Staff continue to track percentage of NRW while transitioning to the new AWWA metrics, such as Loss Cost Rate, and Unit Total Losses.

Over the years, the Town has strived to continuously improve the measurement and accuracy of the data that is being categorized as NRW, including the installation of new water meters town wide. Given the improvements with data accuracy, NRW has stabilized for the past few years. Figure 1 shows the historical NRW for East Gwillimbury from 2012 to 2023.

In 2023, NRW was approximately 20%, similar to recent years. A significant portion of the water loss in 2023 has been related to flushing to maintain water quality. Correspondingly, the Town and Region are working together on an extensive joint water quality study to both improve water quality and optimize flushing. This assignment will also validate the flushing volumes and further improve NRW accuracy.

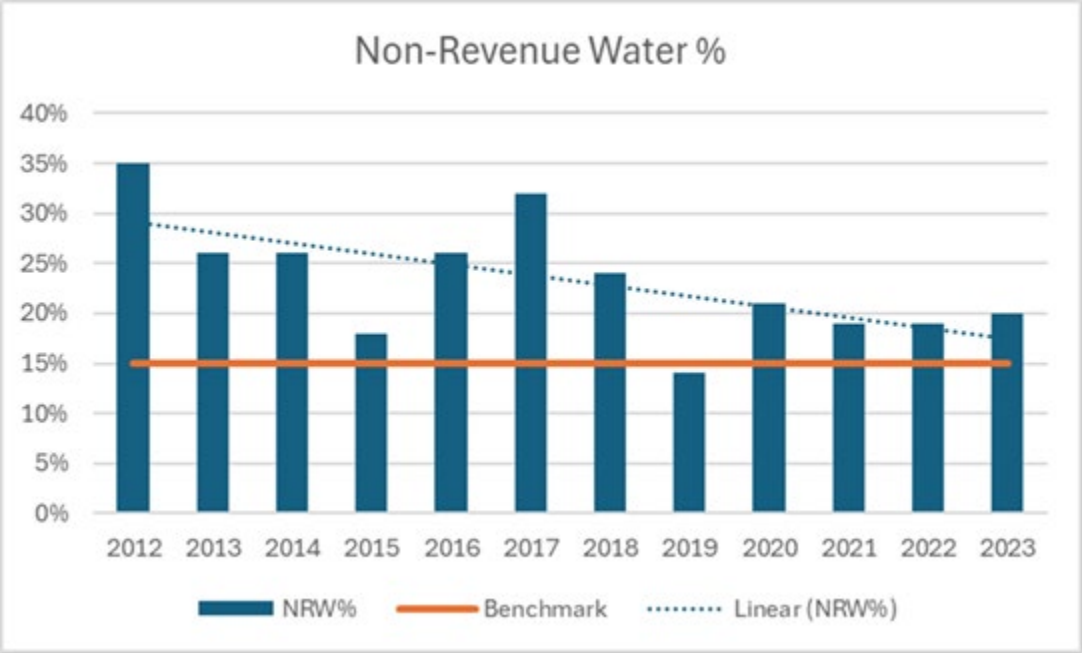

Figure 1: Non-Revenue Water

The new AWWA suite of KPI's will take time to refine including a few years to develop a baseline before any meaningful trends or insights or comparisons can be achieved. Two of the new AWWA metrics are displayed in the table below. "Loss cost rate" metric is a financial indicator on the financial impact of respective losses per service connection (cost of water loss ($)/number of service connections). This combines volume and value of loss. The "unit total losses" metric represents the sum of real (i.e. water leaks) and apparent ("paper losses" or accounting) water losses. The significant variation between 2022 and 2023 for these metrics are a result of changes in calculation methodology for flushing volumes which were previously estimated. This data will be validated, and updated as necessary, through the joint water quality study.

Year	Loss Cost Rate ($/Connection)	Unit Total Losses (Loss in litres per connection per day)
2022	$30.09	24.5
2023	$92.08	84.3

Staff will continue to utilize the AWWA software, improve data integrity through process optimization, and utilize the new KPIs to fully understand and compare water loss performance against industry benchmarks. Water audit results for 2024 will be reported within the 2025 Summary Report.

References

- Safe Drinking Water Act 2002 (SDWA)
    - Ontario Regulation 170/03 Drinking Water Systems
    - Ontario Regulation 128/04 Certification of Drinking Water System Operators and Water Quality Analysts
    - Ontario Regulation 169/03 Ontario Drinking Water Quality Standards
    - Ontario Regulation 188/07 Licensing of Municipal Drinking Water Systems
- Health Protection and Promotion Act
    - Ontario Regulation 319/08 Small Drinking Water Systems
- Drinking Water Quality Management Standard (February 2017)

Appendix A: Summary of Quantities and Flows

Town of East Gwillimbury
Monthly Water 2024
Date: 2/4/2025

York Region

Holland Landing	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
Holland Landing Well No. 1 (Forward) m3	20,802	14,111	16,973	18,830	21,613	23,171	25,918	20,700	20,830	17,253	14,601	16,705	**231,507**
Holland Landing Well No. 1 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**-3**
Holland Landing Well No. 2 (Forward) m3	30,963	20,768	13,782	10,433	13,586	8,297	13,253	13,910	19,778	24,225	16,797	10,055	**195,847**
Holland Landing Well No. 2 (Reverse) m3	-2	-2	-1	-6	-1	0	0	0	0	0	-3	0	**-18**
Holland Landing/Sharon East Control Valve m3	8,014	28,366	33,926	33,832	20,027	35,293	34,926	47,974	28,963	3,166	3,016	3,185	**280,687**
Holland Landing/Sharon m3	4,552	390	811	1,284	16,831	6,997	14,726	476	10,531	13,646	16,978	26,695	**113,915**
Total Water Consumption m3	**64,328**	**63,632**	**65,490**	**64,373**	**72,056**	**73,758**	**88,822**	**83,060**	**80,102**	**58,289**	**51,389**	**56,640**	**821,935**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	3,241	2,817	2,528	2,687	3,684	3,468	3,582	3,304	4,016	2,693	2,611	2,612	4,016
Maximum Date	03-Jan-2024	16-Feb-2024	25-Mar-2024	30-Apr-2024	01-May-2024	25-Jun-2024	06-Jul-2024	04-Aug-2024	16-Sep-2024	20-Oct-2024	03-Nov-2024	15-Dec-2024	
Minimum Daily Flow m3	1,307	1,326	1,391	1,780	1,892	2,040	1,847	1,765	1,850	997	890	1,026	890
Minimum Date	12-Jan-2024	17-Feb-2024	17-Mar-2024	16-Apr-2024	28-May-2024	30-Jun-2024	16-Jul-2024	20-Aug-2024	26-Sep-2024	31-Oct-2024	19-Nov-2024	06-Dec-2024	
Average Daily Flow m3	2,075	2,194	2,113	2,146	2,324	2,459	2,865	2,679	2,670	1,880	1,713	1,827	2,245

Mount Albert	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
Mount Albert Well No. 1 (Forward) m3	108	59	36	230	624	339	261	185	274	80	95	176	**2,465**
Mount Albert Well No. 1 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**-4**
Mount Albert Well No. 2 (Forward) m3	17,486	15,909	17,129	15,801	17,332	20,940	19,792	18,378	17,883	16,697	15,451	16,001	**208,798**
Mount Albert Well No. 2 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Mount Albert Well No. 3 m3	18,790	16,921	18,213	17,140	20,106	18,103	22,588	21,854	19,784	18,382	17,629	19,582	**229,091**
Total Water Consumption m3	**36,383**	**32,888**	**35,378**	**33,170**	**38,062**	**39,381**	**42,640**	**40,416**	**37,941**	**35,159**	**33,175**	**35,758**	**440,351**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	2,069	2,050	2,086	1,778	2,120	2,650	2,175	1,933	2,393	2,401	2,208	2,263	2,650
Maximum Date	07-Jan-2024	04-Feb-2024	24-Mar-2024	08-Apr-2024	22-May-2024	18-Jun-2024	04-Jul-2024	01-Aug-2024	14-Sep-2024	14-Oct-2024	23-Nov-2024	25-Dec-2024	
Minimum Daily Flow m3	163	356	0	41	0	449	436	118	0	0	0	0	0
Minimum Date	18-Jan-2024	14-Feb-2024	10-Mar-2024	01-Apr-2024	30-May-2024	27-Jun-2024	03-Jul-2024	10-Aug-2024	05-Sep-2024	02-Oct-2024	01-Nov-2024	01-Dec-2024	
Average Daily Flow m3	1,174	1,134	1,141	1,106	1,228	1,313	1,375	1,304	1,265	1,134	1,106	1,153	1,203

Town of East Gwillimbury
Monthly Water 2024
Date: 2/4/2025

Sharon - Queensville	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
EG Leslie Street MC 12" Fwd to NW m3	-35,877	-34,542	-21,143	-30,410	-30,921	-30,500	-34,841	-31,882	-32,236	-31,445	-25,292	-22,796	**-361,883**
EG Leslie Street MC 12" Rev to EG m3	26,033	23,124	28,681	23,196	16,594	17,234	17,613	18,652	22,820	19,587	20,239	25,032	**258,803**
EG Leslie Street MC 22" Fwd to NW m3	0	0	0	0	0	0	0	-17	0	0	0	0	**-17**
EG Leslie Street MC 22" Rev to EG m3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Harry Walker Pkwy MC 10" Fwd to NM m3	0	0	0	0	-1	0	-31	-2	-8	-25	-1	0	**-68**
Harry Walker Pkwy MC 10" Rev to EG m3	0	0	0	0	0	0	2	0	0	3	4	3	**12**
Harry Walker Pkwy MC 3" Fwd to NM m3	0	0	0	0	-2,327	-2,620	-3,016	-2,785	-2,796	-2,674	-2,113	-1,938	**-20,269**
Harry Walker Pkwy MC 3" Rev to EG m3	0	0	0	0	1,575	1,850	1,931	2,047	2,431	2,154	2,217	2,596	**16,799**
Holland Landing/Sharon East Control Valve m3	-8,014	-28,366	-33,926	-33,832	-20,027	-35,293	-34,926	-47,974	-28,963	-3,166	-3,016	-3,185	**-280,687**
Holland Landing/Sharon m3	-4,552	-390	-811	-1,284	-16,831	-6,997	-14,726	-476	-10,531	-13,646	-16,978	-26,695	**-113,915**
Queensville Well No. 1 (Forward) m3	30,609	86,409	94,262	101,045	113,972	112,986	119,268	92,963	89,614	85,512	9,578	0	**936,218**
Queensville Well No. 1 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Queensville Well No. 2 (Forward) m3	57,785	3,506	2,119	1,131	1,700	633	1,095	29,567	24,734	1,113	71,054	98,581	**293,019**
Queensville Well No. 2 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Queensville Well No. 3 (Forward) m3	3,142	1,327	23,374	8,128	1,317	25,331	57,785	48,695	45,808	54,177	47,408	21,693	**338,185**
Queensville Well No. 3 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**-2**
Queensville Well No. 4 (Forward) m3	30,576	36,307	3,968	25,315	41,383	28,786	5,058	10,544	551	1,534	415	14,265	**198,702**
Queensville Well No. 4 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	**0**
Total Water Consumption m3	**99,702**	**87,376**	**96,525**	**93,288**	**106,435**	**111,410**	**115,213**	**119,330**	**111,424**	**113,123**	**103,514**	**107,556**	**1,264,896**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	5,272	4,871	4,485	6,677	5,335	5,025	5,500	5,105	5,224	5,497	4,955	4,926	6,677
Maximum Date	01-Jan-2024	26-Feb-2024	28-Mar-2024	13-Apr-2024	19-May-2024	19-Jun-2024	25-Jul-2024	07-Aug-2024	19-Sep-2024	06-Oct-2024	13-Nov-2024	28-Dec-2024	
Minimum Daily Flow m3	1,323	1,028	1,495	997	1,972	1,924	2,304	2,363	2,192	2,033	2,021	2,200	997
Minimum Date	17-Jan-2024	15-Feb-2024	13-Mar-2024	12-Apr-2024	07-May-2024	27-Jun-2024	26-Jul-2024	18-Aug-2024	10-Sep-2024	05-Oct-2024	21-Nov-2024	19-Dec-2024	
Average Daily Flow m3	3,216	3,013	3,114	3,110	3,433	3,714	3,717	3,849	3,714	3,649	3,450	3,470	3,454

Woodbine - Davis Drive	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
Davis Drive/Hwy. 404 m3	4,729	4,366	3,832	4,624	8,401	7,619	13,704	10,258	8,693	8,240	5,549	3,554	**83,569**
Total Water Consumption m3	**4,729**	**4,366**	**3,832**	**4,624**	**8,401**	**7,619**	**13,704**	**10,258**	**8,693**	**8,240**	**5,549**	**3,554**	**83,569**

Town of East Gwillimbury
Monthly Water 2024
Date: 2/4/2025

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	626	151	124	154	271	254	442	331	290	266	185	115	626
Maximum Date	08-Jan-2024	29-Feb-2024	31-Mar-2024	30-Apr-2024	31-May-2024	30-Jun-2024	31-Jul-2024	31-Aug-2024	30-Sep-2024	31-Oct-2024	30-Nov-2024	31-Dec-2024	
Minimum Daily Flow m3	22	151	124	154	271	254	442	331	290	266	185	115	22
Minimum Date	01-Jan-2024	01-Feb-2024	01-Mar-2024	01-Apr-2024	01-May-2024	01-Jun-2024	01-Jul-2024	01-Aug-2024	01-Sep-2024	01-Oct-2024	01-Nov-2024	01-Dec-2024	
Average Daily Flow m3	153	151	124	154	271	254	442	331	290	266	185	115	228

Yonge - Green Lane

	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
Woodspring Avenue (East Gwillimbury) m3	11,027	10,772	11,707	11,306	12,104	13,000	14,317	12,814	12,403	12,098	10,906	12,046	**144,501**
Woodspring Avenue (Newmarket) m3	0	0	0	0	0	-3	-1	0	-1	0	0	-1	**-6**
Yonge/Aspenwood (East Gwillimbury) m3	1,727	1,319	1,340	1,227	1,514	3,850	4,458	4,287	3,716	2,622	2,751	2,346	**31,155**
Yonge/Aspenwood (Newmarket) m3	0	0	0	-2	0	-1	-1	-4	0	-16	-2	-2	**-28**
Yonge/Bristol (East Gwillimbury) m3	6,192	5,323	6,305	4,305	5,200	8,632	7,622	7,728	5,926	6,376	4,728	7,840	**76,177**
Yonge/Bristol (Newmarket) m3	-10	-8	-9	-11	-12	-10	-11	-9	-9	-13	-11	-10	**-121**
Total Water Consumption m3	**18,936**	**17,405**	**19,343**	**16,826**	**18,805**	**25,469**	**26,383**	**24,816**	**22,035**	**21,066**	**18,372**	**22,221**	**251,678**

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	2,177	726	1,524	699	789	2,583	1,002	1,118	1,098	2,476	800	2,981	2,981
Maximum Date	05-Jan-2024	25-Feb-2024	27-Mar-2024	06-Apr-2024	31-May-2024	24-Jun-2024	04-Jul-2024	29-Aug-2024	06-Sep-2024	07-Oct-2024	20-Nov-2024	16-Dec-2024	
Minimum Daily Flow m3	432	476	480	487	538	620	700	600	559	543	504	383	383
Minimum Date	01-Jan-2024	28-Feb-2024	31-Mar-2024	03-Apr-2024	13-May-2024	07-Jun-2024	10-Jul-2024	17-Aug-2024	24-Sep-2024	29-Oct-2024	19-Nov-2024	25-Dec-2024	
Average Daily Flow m3	611	600	624	561	607	849	851	801	735	680	612	717	687