



**2023**  
**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, 2023, to December 31, 2023  
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, 2023 to December 31, 2023.

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.

## 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 with 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, along with the DWS numbers, are noted below.

<b>DWS Name</b>	<b>Mount Albert</b>	<b>Yonge/ Green Lane</b>	<b>Holland Landing/ Queensville/ Sharon</b>
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.

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, 3,676 samples were taken from the HQS DWS and tested for combined chlorine; 779 regulatory samples were taken from the YGL DWS and tested for combined chlorine; 561 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 are 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).

Based on the population in the HQS DWS, there shall be a minimum of 32 samples collected per month, resulting in a total of 384 microbiological samples for the reporting period. The Town exceeded the minimum requirement and collected a total of 438 microbiological samples for the reporting period with 226 analyzed for HPC.

Based on the population in the MA DWS, there shall be a minimum of 14 samples collected per month, resulting in a total of 168 microbiological samples for the reporting period. The Town exceeded the minimum requirement and collected 193 microbiological samples for the reporting period with 100 analyzed for HPC.

Based on the population in the YGL DWS, there shall be a minimum of 10 samples collected per month, resulting in a total of 120 microbiological samples for the reporting period. The Town exceeded the minimum annual requirement and collected 142 microbiological samples for the

reporting period with 73 analyzed for HPC, however, the Town was required to take 10 samples in August 2023 and only 9 samples were collected. This will be detailed later in the report within the MECP Drinking Water Inspection section.

### [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](#)

This Schedule applies to sampling for lead in Large Municipal Residential systems and incorporates several requirements. Under Section 15.1-5 of O. Reg 170/03, samples are required during the periods of December 15 to April 15 (Round 1 - winter), and June 15 to October 15 (Round 2 - summer).

The HQS, MA and YGL system DWS are all on a reduced sampling schedule and only require samples to be taken from the distribution system. This is the result of several successful rounds of sampling private plumbing to prove that there is not a concern with lead in the DWS or in private plumbing in East Gwillimbury.

Additionally, as part of the requirements of the lead testing exemption in the Municipal Drinking Water Licenses (MDWL) for HQS, YGL and the MA DWS, sampling for lead is required on a three-year cycle. 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. In the reporting period two (2) rounds of distribution sampling were conducted in all three systems and there were no exceedances for lead resulting from any sample.

### [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, twenty-four (24) Adverse Water Quality Incidents (AWQI) were reported in 2023. The majority of the AWQIs were the result of low chloramine residual in the communities of Queensville and Sharon, twenty-two (22). In addition, there was one (1) AWQI related to the presence of Total Coliform and one (1) AWQI pertaining to Sodium. 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 for the presence of Total Coliform, the system was flushed and re-sampled at the location of the adverse as well as upstream and downstream locations. Corrective actions related to the Sodium AWQI included re-sampling at the sites experiencing elevated levels of sodium. 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.

To provide some further information on sodium, it is a naturally occurring mineral found within most foods and drinking water. As it relates to the Town's systems, there are natural sources of sodium, and it is also added through York Region's treatment process. According to Hypertension Canada, it's recommended to consume no more than 2300mg of sodium per day, but the average consumption by Canadians exceeds this recommendation, as it is a very common ingredient in most foods. For example, one cup of chicken noodle soup can have over 800mg of sodium. In relation to drinking water, Health Canada has established an aesthetic objective of 200mg/L and this is detailed within the Guidelines for Canadian Drinking Water Quality; the aesthetic objective of 200mg/L was set because sodium may affect the taste of the water at levels exceeding this objective. In addition, there are reporting requirements when levels of sodium in drinking water are observed to be equal to or greater than 20 mg/L and this reporting assists 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](#).



No AWQI results were observed and reported in the Yonge-Green Lane and Mount Albert systems for the reporting period.

### [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, or Operations Centre at 19850 Woodbine Ave, Queensville.

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.

No AWQI results were reported at the Town's three (3) Small Drinking Water Systems in the reporting period.

### [MECP Drinking Water Inspection](#)

An announced, detailed inspection was conducted by the MECP on the Town's 3 large distribution systems between November-December 2023. The MECP inspector reviewed the Town's records, plans and policies from November 2022 to November 2023 to ensure compliance with the Safe Drinking Water Act and its applicable regulations. The following is a summary of the compliance ratings for each system as well as any non-compliances identified

during the inspection, which had an overall compliance rating of 96.37% in all 3 systems. It is important to note that the non-compliance was primarily administrative in nature and drinking water quality remained safe at all times for East Gwillimbury customers:

- **Holland Landing Queensville Sharon DWS – Compliance rating 100%**
- **Mount Albert DWS – Compliance rating 100%**
- **Yonge Green Lane DWS – Compliance rating 89.12%**
  - Based on the population for the YGL WDS, 10 monthly samples are to be collected and tested for E. Coli and Total Coliforms; In August 2023 only 9 samples were collected and tested.
    - For August 2023, there was a calculation error in the sampling plan.
    - To prevent this non-compliance from re-occurring, prior to publishing and implementing the annual sampling plan, the draft will be peer reviewed to ensure that the required number of samples to be collected for each month are met and calculated figures verified.

## 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 and came into effect in 2005. 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 April 2023 and a full-scope re-accreditation audit in May 2023. Between the two audits, there were zero (0) non-conformances and eleven (11) opportunities for improvement identified during the assessment. As a result of the successful re-accreditation audit, the Town has received re-accreditation.

An internal audit of the DWQMS was conducted by AET Consultants in November of 2023. There were zero (0) major non-conformances, one (1) minor non-conformance, and three (3) 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

A new sampling parameter has been included by the MECP in the latest revision of the Town's Municipal Drinking Water license. Sampling for NDMA (N-Nitrosodimethylamine), a chloramine disinfection by-product, is required in East Gwillimbury's two (2) chloraminated systems; HQS and YGL systems. MA is a free chlorine system and is not required to sample for NDMA.

Staff completed the required sampling for NDMA in 2023 and levels of NDMA were below the detectable limit.

## 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 three (3) Drinking Water Works Permit submissions and approvals within the review period (minor modifications or replacements not included):

- DWWP-2023-01 (Woodbine 1)
- DWWP-2023-02 (Street D in the Mount Albert Residential Development)
- DWWP-2023-03 (Queensville Phase 5)

## Summary of Infrastructure Failures

On March 16, 2023, there was a watermain break within the HQS system at the intersection of Leslie Street and Mount Albert Road. The break resulted from unrelated contractor works which occurred in close proximity to the watermain. The Town oversaw the repair completed by the contractor, at their cost, in accordance with the applicable acts, regulations, and best management practices.

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

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

## Common Element Condominiums and Section 5(4) Agreements

There is 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 has 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. Regular maintenance, or infrastructure repairs remain the responsibility of the condominium board.

## 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 within paragraph 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 paragraph 1, 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.

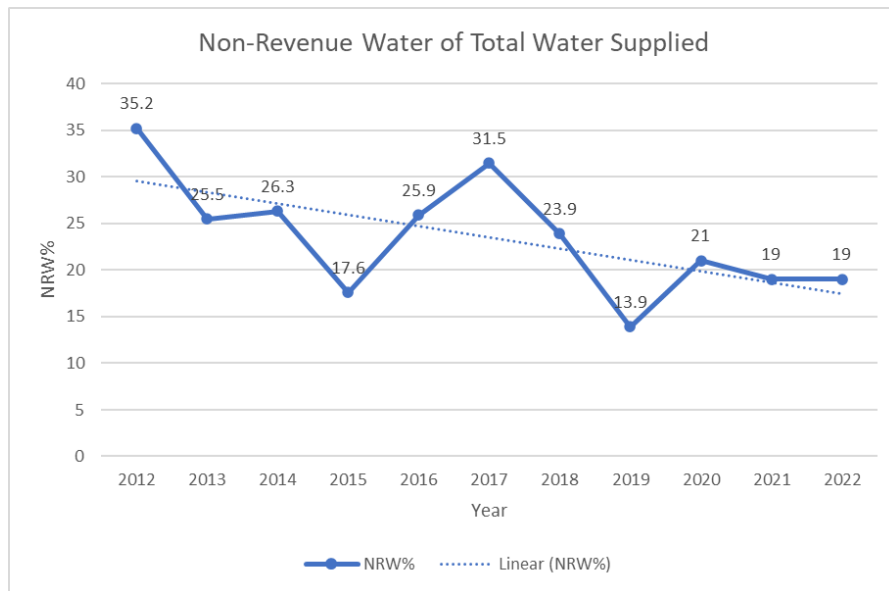
## Non-Revenue Water and Water Audit

Non-revenue water (NRW) is comprised of losses including customer metering inaccuracies, data errors, water system leakage, as well as operational water use from Emergency Services,

Parks and other Town usage.

In 2019, the American Water Works Association (AWWA) recommended discontinuing percentage of non-revenue water which has been the standard metric used historically. Staff continue to track NRW while transitioning to the new metrics such as Loss Cost Rate, and Normalized Water Loss.

The chart below is a summary of the historical NRW for East Gwillimbury from 2012 to 2022.



Over the last 10 years, the Town has reported a downward trend of non-revenue water using the (no longer recommended) AWWA NRW percentage metric. The declining trend in NRW, may be attributed to the Town-wide meter replacement program, implemented between 2016-2023, improving the accuracy of billing. Although this information has typically been included within this report, it is not a regulatory reporting requirement. Given the recent water quality challenges and sustained efforts to maintain water quality in Queensville and Sharon communities, staff require additional time to compile and validate water loss within the audit. Staff will report on the 2023 water audit and AWWA reporting metrics to Council later in 2024, as the team works towards validation of the associated water data, including flushing volumes.

Staff anticipate similar NRW volumes as reported in 2022 (19%), given the similarities in flushing volumes.

## References

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

## Appendix A: Summary of Quantities and Flows

Town of East Gwillimbury  
Monthly Water 2023  
Date: 1/31/2024



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	20,665	15,178	15,038	14,290	18,656	18,846	19,698	17,048	16,391	15,757	17,704	17,166	206,436
Holland Landing Well No. 1 (Reverse) m3	0	0	0	0	0	0	0	0	0	-6	0	0	-9
Holland Landing Well No. 2 (Forward) m3	5,486	23,402	27,821	24,915	20,862	31,355	31,508	29,289	26,789	27,921	32,273	35,280	316,900
Holland Landing Well No. 2 (Reverse) m3	0	0	0	0	-1	-7	0	-1	0	-4	-1	0	-14
Holland Landing/Sharon m3	38,833	24,067	22,889	18,564	28,816	29,535	24,334	23,615	20,828	21,312	10,231	10,022	273,044
<b>Total Water Consumption m3</b>	<b>64,983</b>	<b>62,646</b>	<b>65,747</b>	<b>57,768</b>	<b>68,333</b>	<b>79,728</b>	<b>75,539</b>	<b>69,951</b>	<b>64,007</b>	<b>64,980</b>	<b>60,208</b>	<b>62,468</b>	<b>796,357</b>

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	2,630	2,885	2,840	2,419	2,980	3,565	4,524	3,670	3,238	3,042	2,709	2,501	4,524
Maximum Date	29-Jan-2023	04-Feb-2023	19-Mar-2023	10-Apr-2023	31-May-2023	18-Jun-2023	18-Jul-2023	09-Aug-2023	04-Sep-2023	27-Oct-2023	20-Nov-2023	23-Dec-2023	
Minimum Daily Flow m3	1,391	1,950	1,324	1,223	1,422	1,537	197	1,516	1,685	1,381	1,307	1,215	197
Minimum Date	10-Jan-2023	28-Feb-2023	30-Mar-2023	18-Apr-2023	20-May-2023	27-Jun-2023	21-Jul-2023	18-Aug-2023	12-Sep-2023	24-Oct-2023	09-Nov-2023	28-Dec-2023	
Average Daily Flow m3	2,096	2,237	2,121	1,926	2,204	2,658	2,437	2,256	2,134	2,096	2,007	2,015	2,182

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	286	150	188	152	233	141	106	101	116	128	184	128	1,912
Mount Albert Well No. 1 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	-3
Mount Albert Well No. 2 (Forward) m3	0	0	27,946	27,198	18,611	20,094	19,256	18,392	18,132	16,329	17,180	16,457	199,596
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	35,857	32,341	7,379	5,427	20,220	23,303	20,890	18,311	19,425	18,261	14,942	18,022	234,376
<b>Total Water Consumption m3</b>	<b>36,143</b>	<b>32,491</b>	<b>35,513</b>	<b>32,777</b>	<b>39,063</b>	<b>43,537</b>	<b>40,252</b>	<b>36,803</b>	<b>37,673</b>	<b>34,718</b>	<b>32,305</b>	<b>34,607</b>	<b>435,881</b>

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	2,205	2,062	2,229	1,928	2,178	2,488	2,040	2,226	2,301	2,255	2,119	2,271	2,488
Maximum Date	28-Jan-2023	24-Feb-2023	08-Mar-2023	20-Apr-2023	29-May-2023	25-Jun-2023	26-Jul-2023	16-Aug-2023	06-Sep-2023	15-Oct-2023	08-Nov-2023	10-Dec-2023	
Minimum Daily Flow m3	383	215	0	0	0	224	0	0	31	0	0	0	0
Minimum Date	27-Jan-2023	10-Feb-2023	07-Mar-2023	30-Apr-2023	21-May-2023	16-Jun-2023	27-Jul-2023	31-Aug-2023	16-Sep-2023	10-Oct-2023	09-Nov-2023	03-Dec-2023	
Average Daily Flow m3	1,166	1,160	1,146	1,093	1,260	1,451	1,298	1,187	1,256	1,120	1,077	1,116	1,194





Town of East Gwillimbury

Monthly Water 2023

Date: 1/31/2024



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	-32,591	-40,149	-40,208	-39,914	-41,625	-36,093	-27,827	-26,891	-29,299	-32,277	-26,126	-33,979	-406,976
EG Leslie Street MC 12" Rev to EG m3	25,175	17,975	19,636	15,436	26,075	44,776	55,361	51,381	43,953	40,243	31,924	25,836	397,772
EG Leslie Street MC 22" Fwd to NW m3	0	0	0	0	0	0	0	0	0	0	0	0	0
EG Leslie Street MC 22" Rev to EG m3	0	0	0	0	0	0	0	0	0	0	0	0	0
Holland Landing/Sharon m3	-38,833	-24,067	-22,889	-18,564	-28,816	-29,535	-24,334	-23,615	-20,828	-21,312	-10,231	-10,022	-273,044
Queensville Well No. 1 (Forward) m3	64,440	1,214	30,491	87,814	69,956	48,839	47,327	47,810	108,381	104,067	31,230	76,319	717,888
Queensville Well No. 1 (Reverse) m3	-1	-3	-4	-1	-3	-10	-11	-10	-2	0	0	0	-45
Queensville Well No. 2 (Forward) m3	52,825	99,943	80,529	3,934	39,050	40,550	57,212	56,689	4,239	3,217	58,342	18,854	515,384
Queensville Well No. 2 (Reverse) m3	-291	-47	0	0	0	0	0	0	0	0	0	0	-339
Queensville Well No. 3 (Forward) m3	24,420	44,311	2,447	749	11,399	21,548	13,754	17,238	26,054	24,354	2,868	21,429	210,571
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	24,075	764	44,707	45,763	35,575	30,756	19,902	16,195	989	1,441	22,391	8,375	250,933
Queensville Well No. 4 (Reverse) m3	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Water Consumption m3	119,218	99,941	114,710	95,218	111,610	120,832	141,385	138,798	133,488	119,734	110,398	106,811	1,412,142

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	5,434	5,173	7,394	3,887	5,293	6,520	6,696	5,917	5,987	5,512	4,878	4,456	7,394
Maximum Date	10-Jan-2023	28-Feb-2023	16-Mar-2023	11-Apr-2023	31-May-2023	21-Jun-2023	04-Jul-2023	20-Aug-2023	01-Sep-2023	02-Oct-2023	07-Nov-2023	21-Dec-2023	
Minimum Daily Flow m3	2,420	2,284	2,341	2,318	1,960	1,199	1,513	1,733	2,747	2,186	2,557	1,953	1,199
Minimum Date	07-Jan-2023	07-Feb-2023	01-Mar-2023	23-Apr-2023	20-May-2023	13-Jun-2023	13-Jul-2023	08-Aug-2023	22-Sep-2023	07-Oct-2023	09-Nov-2023	25-Dec-2023	
Average Daily Flow m3	3,846	3,569	3,700	3,174	3,600	4,028	4,561	4,477	4,450	3,862	3,680	3,446	3,866

Woodbine - Davis Drive

	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
Davis Drive/Hwy. 404 m3	4,414	3,495	4,340	5,228	10,555	11,938	10,397	10,663	8,833	6,346	6,740	5,766	88,716
Total Water Consumption m3	4,414	3,495	4,340	5,228	10,555	11,938	10,397	10,663	8,833	6,346	6,740	5,766	88,716

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	515	382	587	356	592	803	822	614	506	522	642	547	822
Maximum Date	02-Jan-2023	06-Feb-2023	06-Mar-2023	26-Apr-2023	26-May-2023	26-Jun-2023	10-Jul-2023	17-Aug-2023	05-Sep-2023	11-Oct-2023	02-Nov-2023	19-Dec-2023	
Minimum Daily Flow m3	15	17	20	23	47	14	11	30	38	20	27	19	11
Minimum Date	08-Jan-2023	04-Feb-2023	04-Mar-2023	16-Apr-2023	20-May-2023	25-Jun-2023	02-Jul-2023	06-Aug-2023	02-Sep-2023	09-Oct-2023	05-Nov-2023	31-Dec-2023	
Average Daily Flow m3	142	125	140	174	340	398	335	344	294	205	225	186	242



Town of East Gwillimbury

Monthly Water 2023

Date: 1/31/2024



Yonge - Green Lane

	January	February	March	April	May	June	July	August	September	October	November	December	Year to Date Total
Woodspring Avenue (East Gwillimbury) m3	10,165	9,203	10,060	9,809	11,772	13,852	12,458	10,701	10,298	10,123	9,480	10,553	128,474
Woodspring Avenue (Newmarket) m3	0	0	0	0	-1	0	0	-2	-1	-2	-3	0	-10
Yonge/Aspenwood (East Gwillimbury) m3	1,223	1,193	998	1,105	2,221	3,964	4,796	5,529	4,885	3,465	3,103	2,251	34,731
Yonge/Aspenwood (Newmarket) m3	0	0	0	-1	-57	-6	-2	-1	-15	0	-1	0	-84
Yonge/Bristol (East Gwillimbury) m3	6,021	5,101	5,469	6,509	6,198	8,986	7,235	6,945	7,234	3,737	4,276	4,864	72,573
Yonge/Bristol (Newmarket) m3	-8	-5	-7	-7	-99	-6	-7	-5	-6	-11	-33	-8	-201
Total Water Consumption m3	17,402	15,492	16,519	17,415	20,034	26,789	24,480	23,167	22,393	17,311	16,821	17,660	235,483

	January	February	March	April	May	June	July	August	September	October	November	December	Total
Maximum Daily Flow m3	2,094	672	632	1,721	958	2,025	974	901	2,289	685	697	700	2,289
Maximum Date	06-Jan-2023	05-Feb-2023	19-Mar-2023	03-Apr-2023	31-May-2023	27-Jun-2023	04-Jul-2023	25-Aug-2023	25-Sep-2023	01-Oct-2023	25-Nov-2023	30-Dec-2023	
Minimum Daily Flow m3	349	464	461	457	439	647	618	650	574	476	466	333	333
Minimum Date	01-Jan-2023	23-Feb-2023	10-Mar-2023	17-Apr-2023	03-May-2023	13-Jun-2023	13-Jul-2023	10-Aug-2023	27-Sep-2023	26-Oct-2023	21-Nov-2023	25-Dec-2023	
Average Daily Flow m3	561	553	533	581	646	893	790	747	746	558	561	570	645