



Drinking Water System

Summary Report

2024



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*2024 Summary Report
 (Schedule 22-2, O. Reg. 170/03)
 Town of Newmarket Drinking Water System*

Drinking Water System Information

Drinking Water System Number:	260003188
Drinking Water System Name:	Newmarket Drinking Water Distribution System
Drinking Water System Owner:	Town of Newmarket
Drinking Water System Category:	Large Municipal Residential
Drinking Water System Classification:	Water Distribution Class 1
Drinking Water Works Permit:	124-201 Issue 3
Municipal Drinking Water Licence:	124-101 Issue 9
DWQMS Re-Accreditation Audit:	CERT-0202388
Reporting Period:	01-January-2024 to 31-December-2024

1. System Overview

Newmarket Water Operations distributes drinking water to all users (commercial, industrial, and household) within the boundary lines of the Town of Newmarket. Operations staff are specialized in both water and wastewater operations and are licenced and trained annually as regulatorily required. Water is purchased from York Region, wherein the operation and maintenance of all transmission mains, pumping stations, storage facilities, and groundwater wells from the supply network are managed by their operations branch. Newmarket’s water operations staff maintain approximately 318 km of the Town’s distribution watermains and provide water to nearly 27,095 metered services within their jurisdiction. Additionally, staff are responsible for the operation, maintenance and oversight of approximately 2,761 mainline valves, 30 sample stations, 2,370 fire hydrants, 9 auto flushers, 6 anti-stagnation valves, 6 combination valves, 5 air release valves, and manage and operate 4 pressures zones (West, Central West, Central East, and East).

The Town of Newmarket and The Regional Municipality of York work closely to deliver high quality drinking water from source to tap within a complex and integrated system. Policies and practices adopted by the section help the department manage significant issues and challenges throughout the year, and aid in promoting compliance with all provincial regulations and regulatory requirements.

This Summary Report has been issued by the Town of Newmarket's Water Department in accordance with Schedule 22-2 of O. Reg 170/03

2. Summary – Non-Compliance

Table 1 provides a summary of outcomes from the *MECP 2024 Inspection Report* for the reporting period where regulatory requirements were not met. *Schedule 22-2 of O. Reg. 170/03* requires that any non-compliance incidences must be covered in this report that indicate the duration of the failure event, and the measure(s) that were taken to correct the failure. The legislative Acts and Regulations that are applicable for the intended purposes of this report include but are not limited to:

- *Safe Drinking Water Act (SDWA, 2002)*
 - *O. Reg. 170/03: Drinking Water Systems*
 - *O. Reg. 128/04: Certification of Drinking Water System Operators and WQA*
 - *O. Reg. 169/03: Ontario Drinking Water Quality Standards*
 - *O. Reg. 242/05: Compliance and Enforcement*
 - *Section 19: Standard of Care Provision*
 - *O. Reg. 453/07: Financial Plans*
- *Municipal Drinking Water Licence*
- *Drinking Water Works Permit*
- *Drinking Water System Approval*
- *Any orders applicable to the system*

For more detailed information on *Adverse Water Quality Incidents (AWQI)* and the legislative requirements for the Newmarket Drinking Water Distribution System please refer the *2024 Annual Water Quality & Performance Report* (O. Reg 170/03; Section 11 Report) found on the Town's website, www.newmarket.ca/waterqualityreports

Incident Date	Regulation/Statute Reference	Description	Corrective Action	Incident Duration
N/a	N/a	N/a	N/a	N/a

Table 1: Incidence reporting and corrective actions 2024

The MECP drinking water inspection that was completed in 2024 received a perfect score (100%) for the fourth year in a row. No incidences of non-compliance were identified in relation to the Newmarket Drinking Water System.

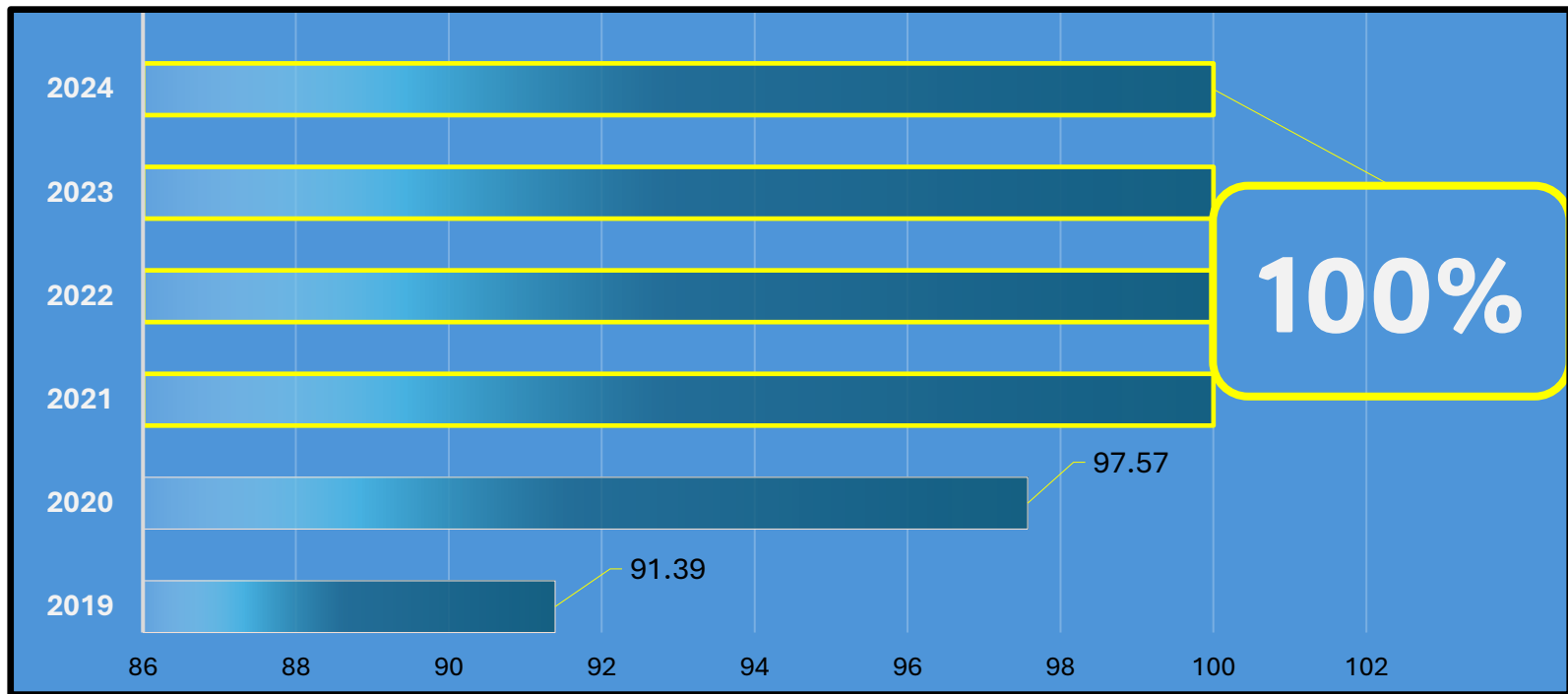


Figure 1: MECP inspection results over 6-year period (2019-2024)

During the 2024 reporting period there were 15 adverse or potentially adverse water quality incidents. The Town of Newmarket has seen a reduction in adverse water quality events by approximately 78% to the previous year and a 90% reduction comparatively over the past 6 years.

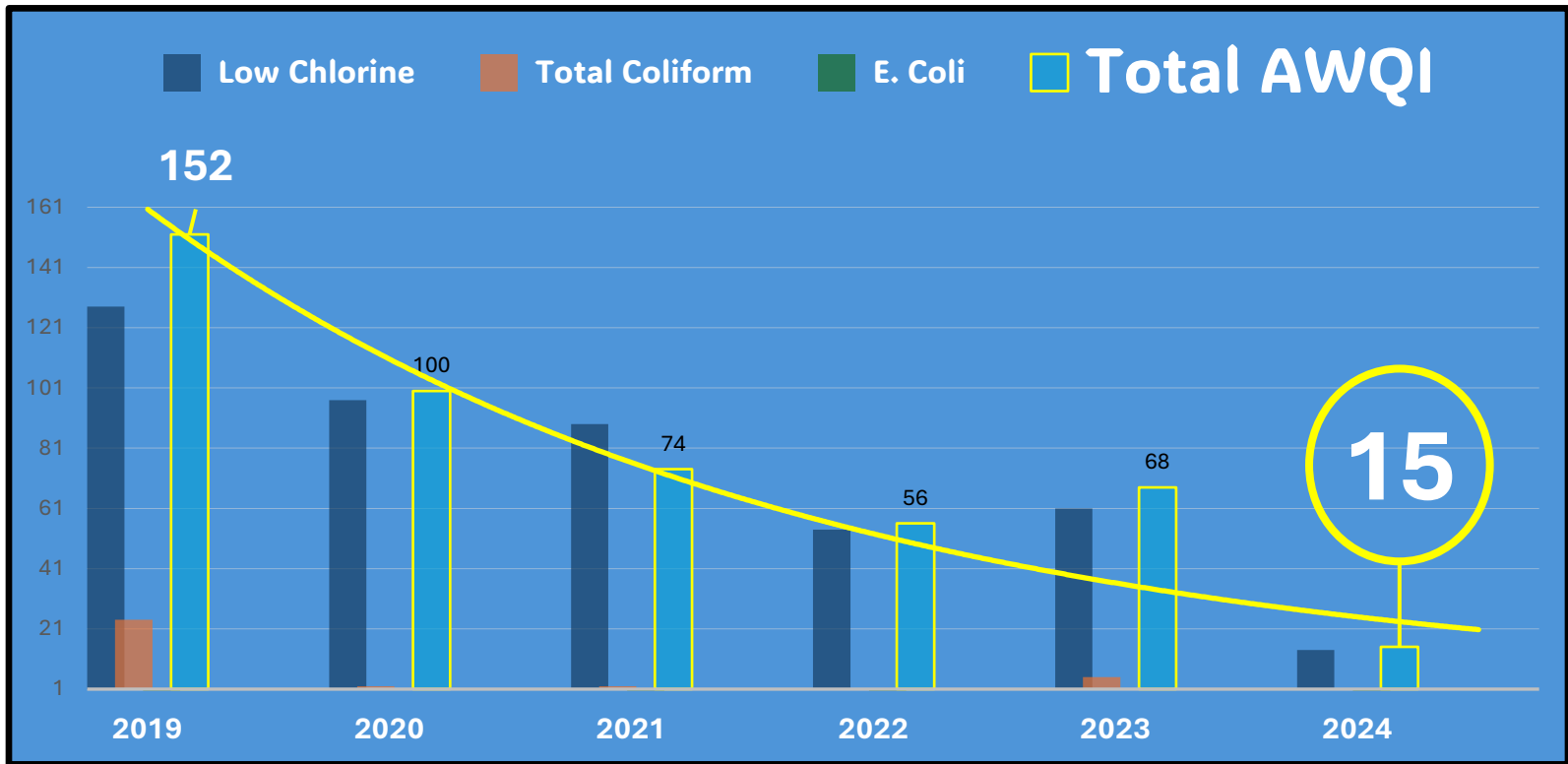


Figure 2: 6-Year Adverse Water Quality Data (2019-2024)

3. Summary – Water Production

For the purposes of this report as per Schedule 22-2 (3.1) of O. Reg. 170/03 The Town of Newmarket does not have any identified rated capacities contained within the respective *Drinking Water Works Permit* (DWWP) or *Municipal Drinking Water Licence* (MDWL) approvals, as the system is that of a distribution classification. In addition, no agreements under Section 5(4) of O. Reg. 170/03 – *Drinking Water Systems* are in place between The Regional Municipality of York and the Town of Newmarket. Data below outlines the 2024 monthly flow data (max/min/avg) for the Town of Newmarket. A more comprehensive dataset can be found in the *Annual Water Quality & Performance Report under Appendix B: Water Flow & Consumption Data*.

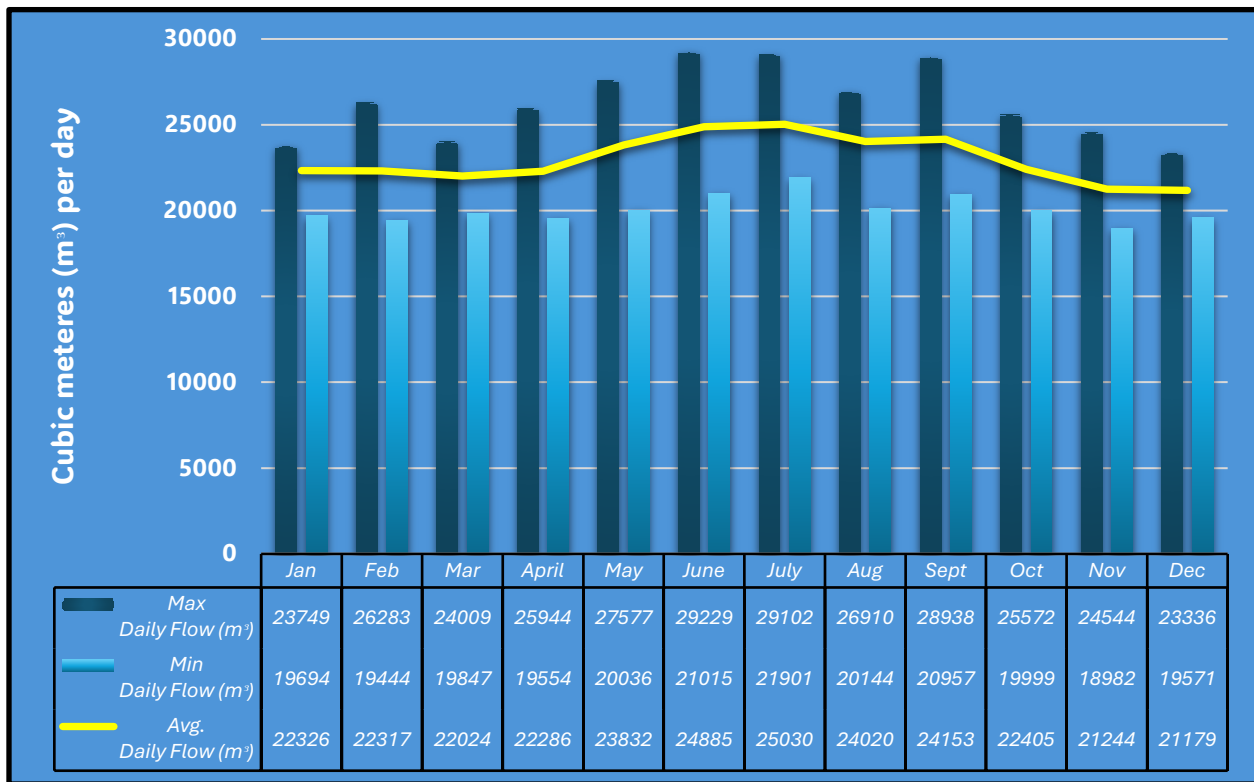


Figure 3: Monthly flow data for 2024

Newmarket DWS	m ³ /Day
Maximum Daily Flow	29,229
Minimum Daily Flow	18,982
Average Monthly Flow	22,975

Table 2: Annual flow rate data 2024

5. Town of Newmarket Endorsement of Report

This summary report has been signed off by Rob Gillis, Manager of Newmarket's Water Department, on behalf of the Town of Newmarket.

A copy of this report has been forwarded to all members of Town Council in 2025 as required under the Safe Drinking Water Act, O. Reg. 170/03 - Schedule 22-2.

6. Contact Information

*This summary report has been prepared to provide all the pertinent information in detail to the full extent of what is legislatively required. It is acknowledged that some additional information may be sought after, and if necessary, please contact customer service by phone at **(905) 895-5191** or by email **info@newmarket.ca***

*A comprehensive **Annual Water Quality & Performance Report for 2024** can be found at:*

www.newmarket.ca/waterqualityreports