

## 1. EXECUTIVE SUMMARY

The 2018 Drinking Water in Peel Summary Report (the Report) fulfills the requirements outlined in Schedule 22 of the Ontario Drinking Water Systems Regulation 170/03 under the *Safe Drinking Water Act, 2002*.

The Report includes a statement of compliance with the *Safe Drinking Water Act, 2002*, its regulations and terms and conditions of all Approvals, Licences and Permits issued by the Ministry of the Environment, Conservation and Parks (the Ministry) for the Region of Peel's drinking water systems. The Report also contains a summary of the quantities and flow rates of water supplied, which aids with the assessment of the drinking water systems to meet existing and future demands.

In addition, the Report includes a summary of 2018 water quality related enquiries, water quality monitoring plans, a list of the Region of Peel's approval documents, the Water Division organizational structure, and water quality initiatives and program highlights.

### **BACKGROUND**

In 2002, the provincial government passed the *Safe Drinking Water Act, 2002* (the Act) and, in 2003, all municipal and non-municipal drinking water systems in Ontario became governed by this Act and its regulations.

The Ontario Drinking Water Systems Regulation (O. Reg. 170/03) under the Act outlines the requirements for water quality monitoring, testing and reporting of water quality results. Other regulations enacted under the Act include Drinking Water Quality Standards Regulation (O. Reg. 169/03), Drinking Water Testing Services Regulation (O. Reg. 248/03) and Certification of Drinking Water System Operators and Water Quality Analysts (O. Reg. 128/04).

Regulation 128/04 ensures that the water system operators and water quality analysts improve their knowledge in water treatment, supply and distribution system operations skills on a continual basis. It requires a more focused training strategy to ensure that operations personnel are aware of emerging water quality issues, protection measures and new treatment technologies.

The Act outlines general requirements for owners and operating authorities of municipal drinking water systems. One of these duties is to ensure that all reporting requirements are carried out in accordance with the legislated conditions, including preparation of an Annual Report (O. Reg. 170/03, Section 11) and a Summary Report for Municipalities (O. Reg. 170/03, Schedule 22).

## **REPORTING REQUIREMENTS UNDER THE ONTARIO DRINKING WATER SYSTEMS REGULATION (O. REG. 170/03)**

Section 11 of O. Reg. 170/03 requires the water system owner to prepare an Annual Report that includes information related to the quality of the drinking water supply. This report must be prepared and made available to the public not later than February 28 of each year.

Every year, staff prepare the Annual Reports for all of the Region of Peel's drinking water systems and makes them available to the public, as required. The reports are easily accessible through the regional website <http://www.peelregion.ca/pw/water/quality/reports> and in an electronic or paper copy upon request. The availability of the Annual Reports is communicated to the consumers via local newspapers, the Region of Peel website, Councilor newsletter, social media feeds and Service Peel.

Schedule 22 of O. Reg. 170/03 requires the owner of a drinking water system to annually prepare a Summary Report for Municipalities. The objective of this report is to ensure that the drinking water system owner (Regional Council) regularly reviews compliance with the terms and conditions of the systems' approvals documents, the *Safe Drinking Water Act, 2002* and its regulations. The report must also include a summary of the quantities and flow rates of water supplied for all municipal water systems. The Summary Report for Municipalities must be prepared not later than March 31 of each year and presented to the members of Regional Council.

### **REPORTING OF WATER QUALITY EVENTS**

Public Works Water Division collaborates with Peel Public Health on all reportable water quality events to ensure the safety of the drinking water supply for Peel's residents, businesses, and visitors. This involves thorough assessment of the events to determine the level of potential risk to public health and selection of appropriate response action. In the event of a confirmed risk, response action may include a notice of Drinking Water Advisory or Boil Water Advisory issued by Public Health.

### **SUMMARY OF COMPLIANCE**

The Region of Peel complied with the requirements of the Act, the regulations, and the terms and conditions of all licences and permits for the municipal drinking water systems, with the exception of events detailed in Section 2 of this report. These events were operational and administrative in nature and did not impact the safety of the drinking water supply.