



Administration and Operations Committee Report

To: To the Chair and Members of the Administration and Operations Committee
From: David Stevenson, Water Technologist
Date: December 13, 2022
Report #: RPT-0296-22
Subject: Municipal Drinking Water Systems Regulatory and Drinking Water Quality Management Standard Quarterly Update
Purpose: For Information

Recommendation

To be received for information.

Executive Summary

This report provides the County of Brant's (the County's) elected officials (Drinking Water System Owners) an overview of completed tasks and updates to ongoing activities regarding Ministry of the Environment, Conservation and Parks (MECP) regulatory requirements, recommended best management practices and Drinking Water Quality Management Standard (DWQMS) items for the County's five (5) Municipal Residential Drinking Water Systems (Airport, Cainsville, Mt. Pleasant, Paris, and St. George).

Historically, these matters have been communicated to Council on a quarterly basis. The period of this report is extended due to municipal Council elections. This report covers the period of July 1, 2022, to November 31, 2022. For efficiencies, it makes sense to change the frequency of reporting as noted in Item 15.a of RPT-0297-22. Details will be contained in a subsequent report.

The tables attached to this report provide an overview of future and/or ongoing regulatory or DWQMS items for each of the County's Drinking Water/Distribution Systems.

Strategic Plan Priority

Strategic Priority 2 - Effective Communication

Impacts and Mitigation

Social Impacts

N/A

Environmental Impacts

N/A

Economic Impacts

N/A

Report

The following summarizes this quarter.

Completed Items:

1. The following items are considered as “other” completed non-scheduled regulatory items and are being presented as information to the Owners of the County’s Drinking Water Systems. These items are not noted in the attached tables as they are not completed on a regularly scheduled basis.
 - a) Form 1 - Record of Watermains Authorized as a Future Alteration (Paris) – A Form 1 was completed for new watermain and appurtenances for a condo development at 120 Court Drive. The Form 1 was signed by the Director of Environmental Services on May 16. Due to an administrative hiccup with this Form 1 was not reported in the last quarter.
 - b) Form 1 - Record of Watermains Authorized as a Future Alteration (Paris) – A Form 1 was completed for replacement of watermain and appurtenances on Woodslee Avenue (Grand River Street North to Oak Avenue). The Form 1 was signed by the Director of Environmental Services on July 19, 2022.
 - c) MECP Annual Inspection of the Paris Drinking Water System – The Operating Authority (Water Division) received the Paris inspection report on July 22, 2022. The inspection was forwarded to the Owners (Council), via the Clerk, on September 6, 2022. The inspection score was 100%.
 - d) Form 1 - Record of Watermains Authorized as a Future Alteration (Paris) – A Form 1 was completed for replacement of watermain and appurtenances on Market Street (Silver Street to Capron Street) and new watermain on Brydges Street (Market Street to Spruce Street). The Form 1 was signed by the Director of Environmental Services on July 26, 2022.
 - e) Form 2 – Record of Minor Modifications or Replacements to the Drinking Water System (Paris) – A Form 2 was completed to remove the overflow pond and the North Paris Elevated Tank and to reroute the 200mm overflow drainpipe to a stormwater catch basin on the property. The Form 2 was signed by the Director of Environmental Services on July 26, 2022.
 - f) Form 1 - Record of Watermains Authorized as a Future Alteration (Paris) – A Form 1 was completed for new watermain and appurtenances for Arlington Meadows Subdivision Phase 5B. The Form 1 was signed by the Environmental Services Manager on August 9, 2022.
 - g) Form 1 - Record of Watermains Authorized as a Future Alteration (Paris) – A Form 1 was completed for new watermain and appurtenances for the Nith Peninsula Subdivision. The Form 1 was signed by the Director of Environmental Services on September 29, 2022.

New or Revised Items:

There have been no new items added to the attached tables since the last report. Dates have been updated for all completed DWQMS items.

Drinking Water Quality Management Standard (DWQMS):

1. The following DWQMS items have been completed since the last report.

- a) Element 14 – Review and Provision of Infrastructure – On July 19, 2022, the Director of Environmental Services, Water Superintendent and Water Technologist met to formally review water infrastructure needs. A coordination meeting was held with the General Manager of Operations and staff from Water, Infrastructure Services, Roads, and Solid Waste/Wastewater on July 20, 2022. The significant outcomes of the meetings will be provided to the Owners in a separate report.
- b) Element 19 - Third Party Verification and Accreditation Audit – The County's drinking water system's quality management system onsite audit was carried out August 10-11, 2020. The Water Division's quality management system, based on the DWQMS was re-accredited until August 2025. The audit report notes four (4) Opportunities for Improvement. These have been reviewed and are being addressed by the Water Division. Opportunities for Improvement should not be considered as a negative finding, but as a positive finding that will continually improve the quality management system. The audit report is attached for the Owners information.
- c) Element 20 - Management Review – The 2022 Management Review meeting was conducted on October 5, 2022. The summary of the meeting will be provided to the Owners in a separate report.

Analysis

N/A

Summary and Recommendations

N/A

Attachments

1. County of Brant Water Systems Ongoing or Revised Regulatory Requirements, Best Practices and DWQMS Items (December 2022)
2. Audit Report – Re-Accreditation/Verification Audit for the Corporation of the County of Brant – August 15, 2022

Reviewed By

A. Davidson, Director of Environmental Services

Copied To

M. Biggin, Environmental Services Manager

By-law and/or Agreement

By-law Required No

Agreement(s) or other documents to be signed by Mayor and /or Clerk No