

FEBRUARY 7, 2023

JOINT SERVICES COMMITTEE REPORT

REPORT NO. JSC-011-2023

**ANNUAL MINISTRY OF THE ENVIRONMENT
CONSERVATION AND PARKS INSPECTIONS**

**CHRIS MORRISON
MANAGER, HOUSING DEPARTMENT**

**ALISON TUTAK
DIRECTOR, COMMUNITY AND SOCIAL SERVICES**

RECOMMENDATIONS

THAT the Joint Services Committee of Leeds and Grenville recommends Counties Council receive and accept the 2022 Ministry of the Environment, Conservation and Parks' Drinking Water System Inspections for municipal residential drinking water systems located at 3 Miller Drive, Mallorytown and 33 Bennett Street, Spencerville.

FINANCIAL IMPLICATIONS

Per Ontario Regulation 453/07, the Operating Authority is responsible to develop a Ten-Year Financial Plan for water systems to demonstrate the continued viability and ability to maintain capacity of the system. These financial plans must be prepared in accordance with Public Sector Accounting Board standards required under PS1200 Financial Statement Presentation and PS3150 Tangible Capital Assets.

The maintenance of the water systems is included in the operational budget of the Housing Department. The annual operating cost for each building is budgeted at \$24,000.00.

CLIMATE CHANGE IMPLICATIONS

Water is the primary medium through which the population will feel the effects of climate change. In terms of the hydrological cycle, climate change can affect the amounts of soil infiltration, deeper percolation, and hence groundwater recharge. In addition, rising temperature increases evaporative demand over land, which limits the amount of water to replenish groundwater. Through the continuous testing of water quality and monitoring of amounts of water used annually and historically, the goal is to work to minimize the impacts of climate change on the drinking water system.

ACCESSIBILITY CONSIDERATIONS

Documents related to the inspections for both municipal residential drinking water systems meet the accessibility format requirements. If an interested person needs additional consideration, staff will work with that individual to provide the information in a format that addresses their concerns.

COMMUNICATIONS CONSIDERATIONS

There is a legislative requirement that the inspection reports be available to the public. The reports are posted on the Counties' website, and a notice is posted in each of the buildings advising interested persons how to obtain a copy.

BACKGROUND

The Counties is the owner of the two small municipal residential drinking water systems listed below. The Housing Department is the designated operating authority of them.

- **Miller Manor, 3 Miller Drive, Mallorytown, Ontario, (Number 260006959)** - a 17-unit housing complex constructed in 1978. The building draws raw water from a single-drilled production well and uses a point-of-entry-treatment unit for drinking water.

- **The Maples, 33 Bennett Street, Spencerville, Ontario, (Number 260006971)** – a 15-unit housing complex constructed in 1975. The building draws raw water from a single drilled production well and uses a point-of-entry-treatment unit for drinking water.

As the Operating Authority, the Housing Department has the legislative responsibility under the Safe Drinking Water Act, 2002 to maintain all requirements relating to the systems, as well as to ensure the quality of the drinking water.

DISCUSSION/ALTERNATIVES

The Ministry of the Environment, Conservation and Parks (MECP) initiated on-site inspections of 33 Bennett Street, Spencerville, and 3 Miller Drive, Mallorytown, beginning June 29, 2022 and concluding on August 9, 2022. The final reports were issued on September 9, 2022 for each building.

The primary focus of the inspections was to confirm compliance with MECP legislation, as well as to evaluate conformance with Ministry drinking water-related policies and guidelines during the inspection period. The MECP utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment and distribution components, as well as management practices.

Both drinking water systems are subject to the legislative requirements of the Safe Drinking Water Act, 2002 and Regulations made therein, including Ontario Regulation 170/03, Drinking Water Systems (O.Reg. 170/03).

The inspection reports identify “non-compliance with regulatory requirements and actions required”, and a “summary of recommendations and best practice issues”.

The non-compliance with regulatory requirements and actions required is linked to incidents of non-compliance contained within an Act, a Regulation, or site-specific approvals, licenses, permits, orders, or instructions. Such violations may result in the issuance of mandatory abatement instruments, which could include orders, tickets, penalties, or referrals to the Ministry’s Environmental Enforcement and Compliance Office.

Miller Manor, 3 Miller Drive, Mallorytown, Ontario, (Number 260006959)

There was one non-compliance with regulatory requirements and actions required for Miller Manor:

Action Required

Sufficient monitoring of flow per the water works permit is required. 'Raw' flow is metered into the system, and 'treated' flow is metered from the system. Flow measurements are manually taken by the Overall Responsible Operator (ORO) every two weeks to calculate cumulative and average daily volume of raw and treated water. The calculations to reach the volumes of water were not documented.

Corrective Action

Documentation was prepared to describe how flow was recorded and how average daily flow was calculated at the drinking water system, including how the monthly summary was calculated. The documentation was submitted to the satisfaction of the Water Inspector by the required deadline. The documentation was incorporated into the Operations and Maintenance Manual for the drinking water system.

There were no summary of recommendations and best practice issues identified during the inspection.

The Maples, 33 Bennett Street, Spencerville, Ontario, (Number 260006971)

There was one issue of non-compliance and one action required identified during the inspection for The Maples.

Action Required

A Record of Minor Modification or Replacement to Drinking Water Systems is required when alterations are made. A treated flow metre was replaced in February 2022, but the proper documentation was not completed by the ORO indicating the replacement.

Corrective Action

Prior to the finalization and release of the inspection report for The Maples, the correct form was completed and submitted. The documentation was to the satisfaction of the Water Inspector.

There were no summary of recommendations and best practice issues identified during the inspection for The Maples.

ATTACHMENTS

Attachment 1 - The Maples Drinking Water System 2022 Inspection Report

Attachment 2 - Miller Manor Apartments Drinking Water System 2022 Inspection Report

**CHRIS MORRISON
MANAGER, HOUSING DEPARTMENT**

**JANUARY 27, 2023
DATE**

**ALISON TUTAK
DIRECTOR, COMMUNITY AND SOCIAL SERVICES**

**JANUARY 27, 2023
DATE**

**PAT HUFFMAN
TREASURER**

**JANUARY 27, 2023
DATE**

**ALISON TUTAK
ACTING CHIEF ADMINISTRATIVE OFFICER**

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