

MARCH 8, 2022

JOINT SERVICES COMMITTEE REPORT

REPORT NO. JSC-018-2022

DRINKING WATER SYSTEMS UPDATE

**CHRIS MORRISON
MANAGER, HOUSING**

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

RECOMMENDATIONS

THAT the Joint Services Committee of Leeds and Grenville recommend to Counties Council to receive and accept the 2021 Drinking Water Systems Annual Reports, and the 10-Year Financial Plans for Miller Manor, 3 Miller Drive, Mallorytown, and The Maples, 33 Bennett Street, Spencerville, as attached, and made accessible to the public.

FINANCIAL IMPLICATIONS

Per Ontario Regulation 453/07 Financial Plans, the Operating Authority is responsible to develop a 10-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 (PSAB) standards required under PS1200 Financial Statement Presentation, and PS3150 Tangible Capital Assets. The 10-Year Financial Plans for Miller Manor, and The Maples are attached.

The maintenance of the water systems is included in the operational budget of the Housing Department.

For interest purposes only, the annual operating costs of the two water systems, not including amortization, is budgeted at \$24,000.00.

The annual operating costs are not inclusive of the Counties staff time.

CLIMATE CHANGE IMPLICATIONS

Water is the primary medium through which we 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. As part of the Drinking Water Quality Management System Annual Meetings, staff perform a Risk Assessment, which includes environmental impacts.

ACCESSIBILITY CONSIDERATIONS

Documents related to the Drinking Water System Inspections for both municipal residential drinking water systems meet the accessibility format requirements. If an interested person needs additional consideration, we 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 Annual Reports be available to the public. The Annual Reports are posted in the buildings and posted on the Leeds Grenville website. In addition, a notice is at both locations advising interested persons how to obtain any information related to the Drinking Water System.

Copies of test results are maintained on site at each building, and in the Housing Department at the Central Avenue, Brockville location.

BACKGROUND

The United Counties of Leeds and Grenville (the Counties) is the owner of two small municipal residential drinking water systems. The Housing Department is the designated operating authority for the properties located at:

- 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 ensure the quality of the drinking water.

DISCUSSION/ALTERNATIVES

Under a service agreement, an Overall Responsible Operator (ORO) is contracted to ensure constant compliance with all Ministry regulations, which includes regularly scheduled water tests which are reported to Council.

Under Schedule 22 of Ontario Regulation 170/03, an annual report is required from the ORO with information relating to meeting the regulations pertaining to the drinking water system, in addition to the capacity of the system, to meet the planned use. In January 2022, the Annual Reports/Summary Reports were submitted by the ORO. The reports did not indicate any issues with meeting the regulations, or meeting the required capacity.

Monthly testing for e-coli, total coliforms, and heterotrophic plate count, indicated no adverse water quality results for either property.

In addition to annual reporting, pursuant to legislation, a Drinking Water Quality Management System (DWQMS) is to be in place for both Drinking Water Systems, which strives for continual improvement in the Operational Plans and Operational Manuals for both systems. The DWQMS is reviewed annually.

On January 25, 2022 the DWQMS Annual Meeting with staff and the Overall Responsible Operator (ORO) was held to review risk assessments, infrastructure, including the ten-year budget, and emergency management, with a table-top exercise for both systems. At the meeting, staff also reviewed the External Accreditation Audit that was conducted off-site on November 16, 2021. There were no issues of non-conformance or opportunities for improvement identified in the audit. In addition, the Ministry of the Environment and Climate Change (MOECC) Drinking Water System Inspections for both sites conducted in October 2021 were reviewed, and a number of administrative changes, and clarifications were made, and incorporated into the Operational Plans and Annual Reports/Summary Reports for both sites.

ATTACHMENTS

- Attachment 1: Annual Report and Summary by Operating Authority for 2021 – 33 Bennett Street, Spencerville (The Maples)
- Attachment 2: Annual Report and Summary by Operating Authority for 2021 – 3 Miller Drive, Mallorytown (Miller Manor)
- Attachment 3: 10-Year Financial Plan – 33 Bennett Street, Spencerville
- Attachment 4: 10-Year Financial Plan – 3 Miller Drive, Mallorytown
- Attachment 5: SAI Global External Accreditation Audit
- Attachment 6: DWQMS Annual Meeting Minutes – January 25, 2022

CHRIS MORRISON
MANAGER, HOUSING DEPARTMENT

February 10, 2022
DATE

ALISON TUTAK
DIRECTOR, COMMUNITY AND SOCIAL SERVICES

February 11, 2022
DATE

PATRICIA HUFFMAN
TREASURER

February 16, 2022
DATE

RAYMOND CALLERY
CHIEF ADMINISTRATIVE OFFICER

March 8, 2022
DATE