

# **THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS**

## **STAFF REPORT**

**DATE:** March 21, 2023

**TO:** Committee of the Whole

**FROM:** Zack Moshonas, Environmental Compliance Coordinator

**SUBJECT:** 2022 Almonte Drinking Water System Annual Report

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### **RECOMMENDATION:**

**THAT Council receive the 2022 Almonte Drinking Water System Annual Report pursuant to the requirements of Ontario Regulation 170/03 under the Safe Drinking Water Act (2002) for information purposes.**

### **BACKGROUND:**

The Ontario Drinking Water System Regulation (O. Reg. 170/03) requires all Municipal Drinking Water System Operating Authorities to submit a copy of the Annual Summary Report to the System Owner (Council) for information. The 2022 Annual Summary Report prepared by Staff and the Ontario Clean Water Agency (OCWA) details the compliance status of Almonte's Drinking Water System (DWS) with the requirements of the Clean Water Act as well as the Municipal Drinking Water License (Number 178-101) and outlines any events during the reporting period that may have caused the DWS to be out of compliance. The Report also summarizes the annual quantities and flows from the Municipality's five (5) supply wells and provides an overview of DWS capability and deficiencies.

### **DISCUSSION:**

During 2022,

For ease of review, the tables below outline the compliance items reported on during the reporting period of January 1, 2022 through to December 31, 2022.

**Table 1** – Operational Testing (O. Reg. 170/03 Schedules 7, 8 and 9)

<i>Parameter</i>	<i># Samples</i>	<i>Compliant with O. Reg. 170/03 and MDWL</i>	<i>Comments</i>
Raw Water Turbidity (NTU)	8760	Yes	N/A
Treated Water Free Chlorine (mg/L)	8760	Yes	N/A
Distribution Free Chlorine Residual (mg/L)	8760	Yes	N/A

**Table 2** - Microbiological Testing (O. Reg. 170/03 Schedules 10, 11 and 12)

<i>Location / Parameter</i>	<i># Samples</i>	<i>Results Compliant with O. Reg. 170/03</i>	<i>Comments</i>
Raw Water E.Coli & Total Coliform	245	Yes	N/A
Treated Water E.Coli & Total Coliform	206	Yes	N/A
Distribution E.Coli & Total Coliform	208	Yes	N/A
Treated Water Heterotrophic Plate Count (HPC)	202	Yes	See note 1
Distribution Heterotrophic Plate Count (HPC)	204	Yes	See note 1
<small>note 1</small> HPC samples taken were compliant with requirements under O.Reg. 170/03 for results, however a non-compliance was reported as one week of HPC samples were not completed for lab analysis and as such 4 total samples were not collected for Treated Water HPC and four samples were not collected for Distribution Water HPC.			

**FINANCIAL IMPLICATIONS:**

None.

**SUMMARY:**

Ontario Regulation 170/03 requires all Municipal Drinking Water System Operating Authorities to submit an Annual Summary Report to the System Owner (Council) for information prior to March 31<sup>st</sup> of each year. The attached report prepared by Staff and OCWA satisfies all legislated obligations pursuant to this Regulation. The Municipality and OCWA's ongoing commitment to invest in system management, operational

improvements and efficiencies, capital investments, and training continues to reflect in system performance.

Respectfully submitted by,

Reviewed by:

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Zack Moshonas,  
Environmental Compliance Coordinator

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Cory Smith,  
Director of Roads and Public Works

ATTACHMENTS:

1. Mississippi Mills Water Treatment 2022 Annual Report (OCWA)