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The Municipality of Trent Hills

## **SUMMARY REPORT**

# Hastings Drinking-Water System 2024

Municipal Drinking Water License 150-103

Drinking Water Works Permit 150-203

Prepared by  
Water Operations Division  
March 2025

The following summary report is prepared as legislated by the **Safe Drinking Water Act, 2002** under Ontario Regulation 170, Schedule 22 - Summary Reports for Municipalities.

**SAFE DRINKING WATER ACT**  
**(O. Reg. 170/03, Sched. 22)**

The following provides details of the sections and sub-sections found under **Schedule 22 - Summary Reports for Municipalities** of O. Reg. 170/03. This information has been included for your reference.

**SCHEDULE 22**  
**SUMMARY REPORTS FOR MUNICIPALITIES**

Municipal: Large Residential, Small Residential

Application

**22-1.** This Schedule applies to the following drinking-water systems:

1. Large municipal residential systems.
2. Small municipal residential systems.

Report

**22-2.**

(1) The owner of a drinking-water system shall ensure that, not later than March 31 of each year after 2003, a report is prepared in accordance with subsections (2) and (3) for the preceding calendar year and is given to,

- (a) in the case of a drinking-water system owned by a municipality, the members of the municipal council.
- (b) in the case of a drinking-water system owned by a municipal service board established under section 195 of the *Municipal Act 2001*, the members of the Municipal service board; or
- (c) in the case of a drinking-water system owned by a corporation, the board of Directors of the corporation.

(2) The report must,

- (a) list the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water license, and any orders applicable to the system that were not met at any time during the period covered by the report; and
- (b) for each requirement referred to in clause (a), that was not met, specify the duration of the failure and the measures that were taken to correct the failure.

(3) The report must also include the following information for enabling the owner of the system to assess the capability of the system to meet existing planned uses of the system:

1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows.
2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water license, or if the system is receiving all of its water from another system under an agreement pursuant to subsection 5 (4), to the flow rates specified in the written agreement.

(4) If a report is prepared under subsection (1) for a system that supplies water to a municipality under the terms of a contract, the owner of the system shall give a copy of the report to the municipality by March 31.

(5) REVOKED: O. Reg. 253/05, s. 18

## **Report Summary**

In reference to the above legislation, the following details how this relates to the Trent Hills drinking water systems:

### **Application**

**22-1.** The Hastings Drinking Water System is classified as  
“Large municipal residential”

### **Report**

#### **22-2.**

Sub-section (1)

This section refers to this report submission.

Sub-section (2)

There was no MECP compliance inspection completed in 2024. The most recent inspection is noted below. The 2025 compliance inspection of the Hastings DWS started January 6<sup>th</sup>, 2025.

**Hastings Drinking Water System (Sept 21 to Oct 18, 2023)  
Drinking Water System Inspection Report 1-204083864**

**Final Inspection Rating 100%**

Sub-section (3)

This information is included in Appendix A which provides flow data for the Hasting water system. The data included in those tables under Treated water details average and maximum flows to assess actual flow demands compared with the approved capacities of each facility. The data included under the raw water heading displays peak flow demands compared to the approved capacity. This data would also indicate if a facility exceeded the rated operational capacity.

Sub-section (4)

This section applies to the Hastings Drinking Water System. This system supplies drinking water to the Trentview Estates subdivision in the Township of Asphodel-Norwood.

Any questions regarding the information contained in this report should be directed to the undersigned at 705-653-7113.

Troy Stephens  
Manager of Water & Wastewater Services,  
Municipality of Trent Hills

# **APPENDIX A**

## *HASTINGS WATER TREATMENT PLANT*

*2024 Flow Summary Data*

**ANNUAL FLOW SUMMARY 2024**

**HASTINGS WATER TREATMENT PLANT**

**Service Population: 1,573**

**Design Capacity: 1,961 M<sup>3</sup>/Day, 22.7 l/s**

Treated Water							Raw Water				
Month	Total Monthly Flow <b>M<sup>3</sup></b>	Average Daily Flow <b>M<sup>3</sup></b>	Minimum Daily Flow <b>M<sup>3</sup></b>	Maximum Daily Flow <b>M<sup>3</sup></b>	Approved Daily Plant Capacity <b>M<sup>3</sup></b>	Maximum Daily Flow vs. Plant Capacity <b>%</b>	Total Monthly Flow <b>M<sup>3</sup></b>	Maximum Daily Flow <b>M<sup>3</sup></b>	Maximum Peak Flow Rate <b>l/s</b>	Approved Maximum Flow Rate <b>l/s</b>	Max. Peak Flow Rate vs. Rated Flow Rate <b>%</b>
January	15,178	490	397	586	<b>1,961</b>	30	18,454	668	12.5	<b>22.7</b>	55
February	14,118	487	393	551	<b>1,961</b>	28	17,249	633	15.6	<b>22.7</b>	69
March	15,453	498	407	569	<b>1,961</b>	29	18,424	650	12.9	<b>22.7</b>	57
April	15,113	504	386	644	<b>1,961</b>	33	17,969	751	18.7	<b>22.7</b>	82
May	18,600	600	446	940	<b>1,961</b>	48	21,684	1,040	22.6	<b>22.7</b>	100
June	18,353	612	438	738	<b>1,961</b>	38	21,110	859	18.0	<b>22.7</b>	79
July	19,043	614	492	796	<b>1,961</b>	41	21,673	850	22.2	<b>22.7</b>	98
August	18,529	598	492	679	<b>1,961</b>	35	20,933	780	20.3	<b>22.7</b>	89
September	17,539	585	472	903	<b>1,961</b>	46	19,760	803	20.6	<b>22.7</b>	91
October	16,585	535	491	618	<b>1,961</b>	32	18,660	657	15.5	<b>22.7</b>	68
November	18,232	608	486	827	<b>1,961</b>	42	21,013	986	19.4	<b>22.7</b>	85
December	18,674	602	402	742	<b>1,961</b>	38	21,625	827	20.1	<b>22.7</b>	89
<b>Total</b>	<b>205,417</b>						<b>238,554</b>				
<b>Average</b>		<b>561</b>									
<b>Minimum</b>			<b>386</b>								
<b>Maximum</b>				<b>940</b>		<b>48</b>		<b>1,040</b>	<b>22.6</b>		<b>100</b>