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The Municipality of Trent Hills

SUMMARY REPORT

Warkworth Drinking-Water System 2025

Municipal Drinking Water License 150-101

Drinking Water Works Permit 150-201

Prepared by
Water Operations Division
January 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 the purpose of enabling the owner of the system to assess the capability of the system to meet existing and 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 and daily instantaneous peak flow rates.
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), 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 Warkworth 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)

**Warkworth Drinking Water System (June 24, 2024 to Dec.11, 2025)
Drinking Water System Inspection Report 1-377543479**

Final Inspection Rating 100%

Compliance Response/Corrective Action(s)
N/A

Sub-section (3)

This information is included in Appendix A which provides flow data for the Warkworth 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 does not apply to the Warkworth Drinking Water System.

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

Kyle Beacock
Manager of Water & Wastewater Services,
Municipality of Trent Hills
705 632 9550

APPENDIX A

WARKWORTH WATER TREATMENT PLANT

2025 Flow Summary Data

Design Capacity: 900 M³/Day, 10.4 l/s

Treated Water							Raw Water				
Month	Total Monthly Flow M ³	Average Daily Flow M ³	Minimum Daily Flow M ³	Maximum Daily Flow M ³	Approved Daily Plant Capacity M ³	Maximum Daily Flow vs. Plant Capacity %	Total Monthly Flow M ³	Maximum Daily Flow M ³	Maximum Peak Flow Rate l/s	Approved Maximum Flow Rate l/s	Max. Peak Flow Rate vs. Rated Flow Rate %
January	4,736	153	116	191	900	21	5,275	200	5.2	10.4	50
February	4,246	152	108	186	900	21	4,943	232	4.4	10.4	42
March	4,847	156	100	201	900	22	5,812	267	3.8	10.4	37
April	4,449	148	110	181	900	20	5,096	191	3.3	10.4	32
May	5,251	169	107	278	900	31	5,893	306	4.7	10.4	45
June	5,823	194	145	263	900	29	6,369	317	4.7	10.4	45
July	5,854	189	153	235	900	26	6,384	260	3.7	10.4	36
August	5,673	183	155	229	900	25	6,196	230	3.8	10.4	37
September	5,557	185	149	226	900	25	5,857	220	3.0	10.4	29
October	5,075	164	112	262	900	29	5,396	226	4.7	10.4	45
November	4,712	157	112	207	900	23	5,002	188	2.9	10.4	28
December	4,700	152	111	193	900	21	5,035	200	2.9	10.4	28
Total	60,923						67,258				
Average		167									
Minimum			100								
Maximum				278		31		317	5.2		50

