



March 31, 2020

Mayor Cheryl Fort and Council  
The Corporation of the Township of Hornepayne  
P.O. Box 370  
Hornepayne, Ontario  
P0M 1Z0

**Re: 2019 Annual Summary Report for the Hornepayne Drinking-Water System**

Ontario's Drinking-Water Systems Regulation (O.Reg.170/03), made under the *Safe Drinking Water Act, 2002*, requires that the owner of a drinking water system prepare an annual summary for municipalities on the operation of the system and the quality of its water.

The annual summary must cover the period of January 1<sup>st</sup> to December 31<sup>st</sup> in a year and must *be prepared not later than March 31<sup>st</sup>* of the following year. Pursuant to the legislative requirements, enclosed for your records is the 2019 Annual Summary for the Hornepayne Drinking-Water System.

Pursuant to the legislative requirements, *Schedule 22 Summary Reports for Municipalities*, the annual summary must:

- (a) (list the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water licence, 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."

- O. Reg. 170/03 s. 22 (2)

"The report must also include the following information for the purpose of enabling the owner of the system to assess the rated capability of their 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.
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 licence, 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."

- O. Reg. 170/03 s. 22 (3)

In addition, Section 12 (1) - 4 - gives the direction that a copy of the annual summary for the system is given, without charge, to every person who requests a copy and be made available for inspection by any member of the public during normal business hours. The report should be made available at the office of the municipality, or at a location that is accessible to the users of the water system.

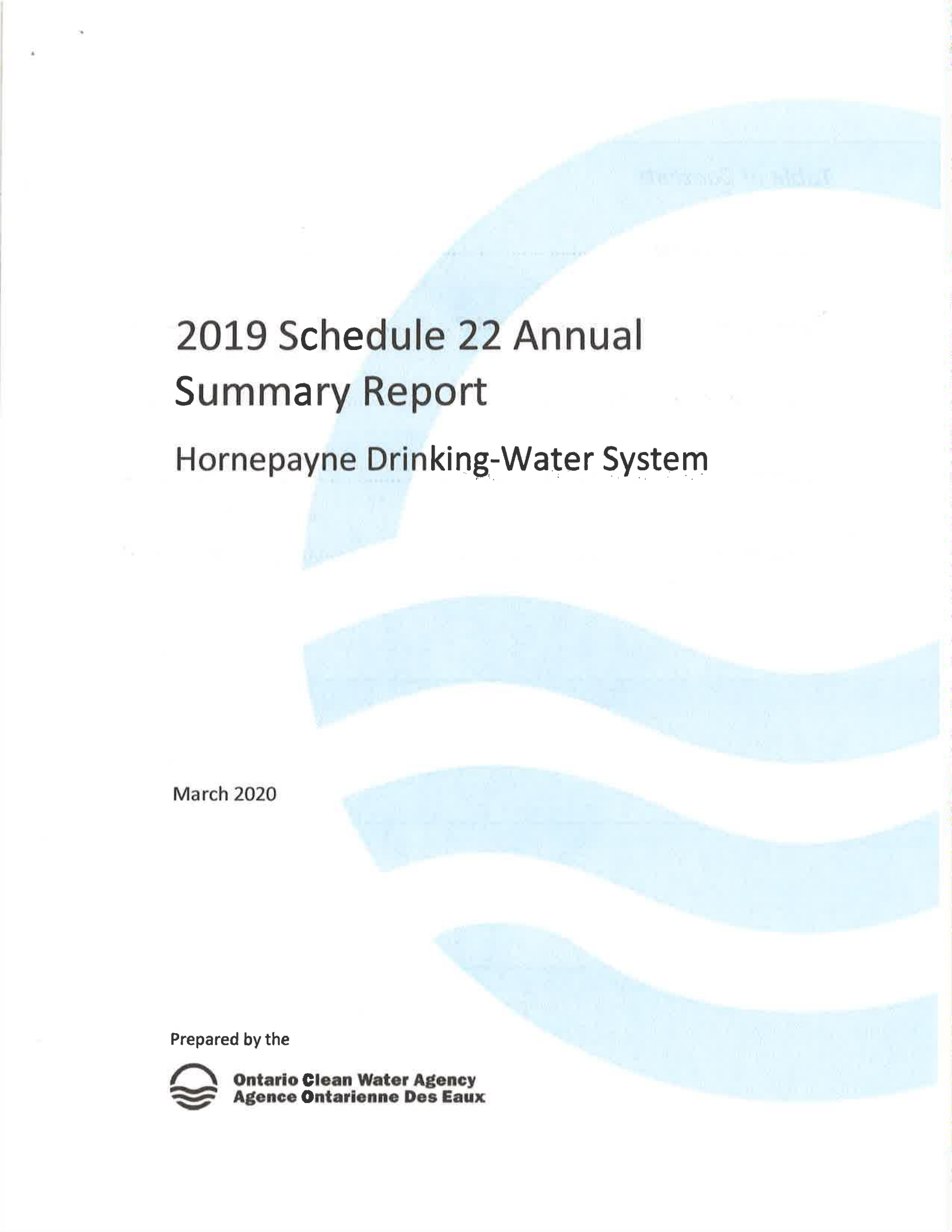
This report was prepared by the Ontario Clean Water Agency on behalf of the Township of Hornepayne and is based on information kept on record by OCWA at the Hornepayne WTP. The report covers the period January 1<sup>st</sup> through to December 31<sup>st</sup> 2019.

Yours truly,

A handwritten signature in black ink, appearing to be 'PA', written over a horizontal line.

Patrick Albert  
Senior Operations Manager  
Ontario Clean Water Agency  
Northwestern Ontario Regional Hub

Copy to: Gail Jeremy – CAO/Clerk  
Operations Staff – Hornepayne Herbert Avenue WTP



# 2019 Schedule 22 Annual Summary Report

## Hornepayne Drinking-Water System

March 2020

Prepared by the



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

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## ***Section 1: Introduction***

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This report is a summary of water quality information for the Hornepayne Drinking-Water System, published in accordance with Schedule 22 of Ontario's Drinking-Water Systems Regulation for the reporting period of January 1<sup>st</sup> to December 31<sup>st</sup> 2019. The Hornepayne Water Treatment Facility is categorized as a Large Municipal Residential Drinking Water System.

This report is prepared by The Ontario Clean Water Agency on behalf of the Corporation of the Township of Hornepayne. A copy of the Summary Report is to be provided to the members of the municipal council by March 31<sup>st</sup> 2020.

## ***Section 2: What Does This Report Contain?***

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"The report must,

- (a) list the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water licence, 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."

- O. Reg. 170/03 s. 22 (2)

"The report must also include the following information for the purpose of enabling the owner of the system to assess the rated capability of their 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.
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 licence, 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."

-O. Reg. 170/03 s. 22 (3)

### Section 3: Daily Flow Rates

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In accordance with the ***Municipal Drinking Water Licence 226-101 Schedule C: System – Specific Conditions 1.0 Performance Limits***, the Hornepayne drinking water system shall not be operated to exceed the rated capacity for maximum flow rate from the treatment subsystem to the distribution system of **1800 m<sup>3</sup> / day**.

The drinking-water system may be operated temporarily at a rate above the rated capacity set where necessary for:

- i) fighting a large fire; or
- ii) the maintenance of the drinking-water system

In 2019, the average monthly raw flow rate was 16314.26m<sup>3</sup>; the average raw daily flow rate was 536.98m<sup>3</sup>, with a maximum raw daily flow rate of 1095m<sup>3</sup>.

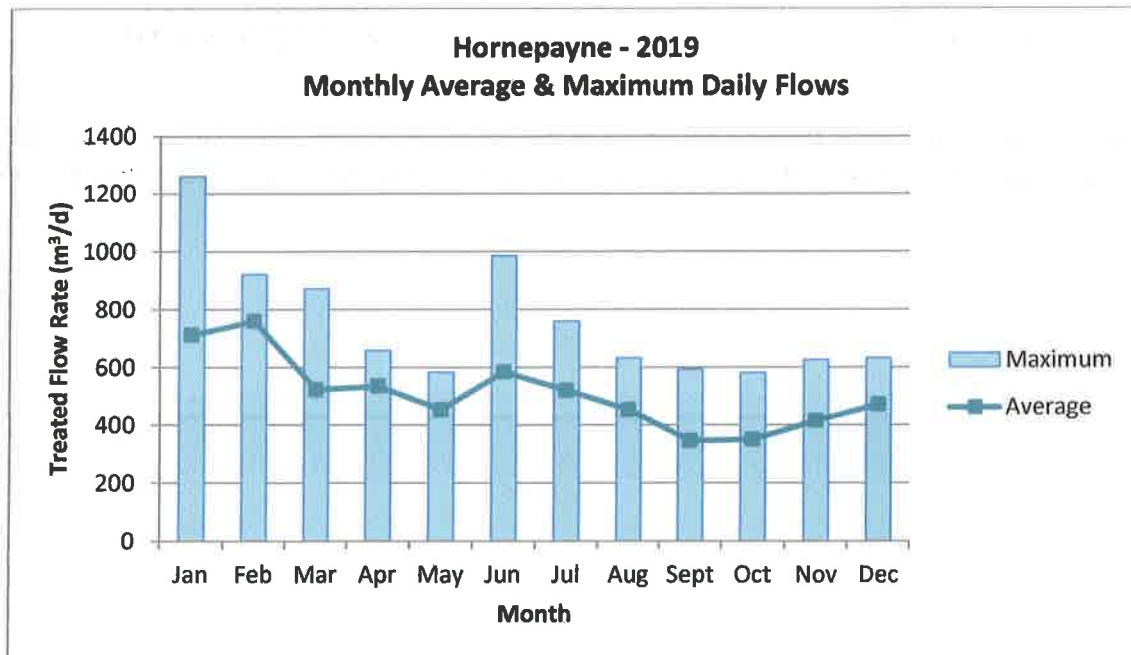
In 2019, the average monthly treated flow rate was 15429.95m<sup>3</sup>; the average daily treated flow was 510.33m<sup>3</sup> and the maximum daily treated flow for the year was 1258.40m<sup>3</sup>; this represents 69.91% of the allowable daily volume.

A summary of raw and treated flows, including maximum raw flow into the treatment system as well as treated average, maximum and total flow rates are included in the tables below.

The quantity of raw water supplied during the reporting period did not exceed the terms and conditions of the *Permit to Take Water* nor did the treated flows directed to the treatment system exceed the rated capacity for this system.

### Monthly Raw & Treated Flow Rates for 2019

Month	Average Daily Raw Flow Rate (m <sup>3</sup> /d)	Maximum Daily Raw Flow Rate (m <sup>3</sup> /d)	Average Daily Treated Flow Rate (m <sup>3</sup> /d)	Maximum Daily Treated Flow Rate (m <sup>3</sup> /d)	Total Monthly Treated Flow Rate (m <sup>3</sup> /month)
January	583.76	1087.00	712.24	1258.40	22079.50
February	614.88	744.40	759.54	921.80	21267.20
March	582.99	733.40	522.89	871.00	15686.80
April	596.48	740.70	536.00	659.50	16080.10
May	507.95	646.80	453.52	583.80	14059.20
June	651.16	1095.00	584.48	984.70	17534.30
July	583.34	857.60	520.43	759.60	16133.40
August	507.62	705.80	452.98	632.10	14042.30
September	424.55	1041.20	345.31	592.40	10359.30
October	395.30	655.60	350.09	581.70	10852.70
November	467.34	704.30	414.41	626.30	12432.40
December	528.35	705.00	472.01	632.40	14632.20
2019 Total Treated Flows (m <sup>3</sup> )				185,159.40	



## *Section 4: System Failures and Correction*

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The Ministry of the Environment conducted an announced inspection of the Hornepayne Drinking-Water System on September 11, 2019. The final report was not issued at the time the report was written.

The treated flow meter was repaired due to accumulation of material in the meter.

Item	Non-Compliance Identified	Compliance Date	Action Being Taken to Address item	Status
N/A	N/A	N/A	N/A	N/A

## *Section 5: Conclusion*

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In the reporting year of 2019, there was one adverse water quality incident (AWQI) report filed as summarized below.

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
19/06/2019	Other Observations - water main shut off for service line repair. Approx <50 houses affected. Boil Water issued			Water main flushed, free chlorine residual taken, 2 bacti samples to be collected 24 hours apart.	27/06/2019

For the operating year of 2019, the Hornepayne Drinking-Water System was able to meet the demand of water use within the town without exceeding the Municipal Drinking Water Licence and Permit to Take Water.



The Corporation of the Township of Hornepayne  
 68 Front Street, PO Box 370  
 Hornepayne, Ontario  
 P0M 1Z0



**COUNCIL RESOLUTION**

MOVED BY: Jon Peroff  
signature

NO. 2020-159

SECONDED BY: Peter Kistemaker  
signature

DATE: APR 15 2020

Be It Resolved that the Council of the Corporation of the Township of Hornepayne does hereby acknowledge receipt of the Ontario Clean Water Agency (OCWA) 2019 Annual Summary Report for the Hornepayne Drinking Water System.

Carried  Defeated  Deferred

[Signature]  
signature of presiding officer

RECORDED VOTE:	YES	NO	ABSTAINED
Councillor Belinda Kistemaker	—	—	—
Councillor Peter Kistemaker	—	—	—
Councillor Jon Peroff	—	—	—
Councillor Drago Stefanic	—	—	—
Mayor Cheryl Fort	—	—	—

**Disclosure of pecuniary interest and the general nature thereof.**

(Name) \_\_\_\_\_ (Name) \_\_\_\_\_

Disclosed the pecuniary interest and the general nature thereof and abstained from the discussion, vote and influence.

\_\_\_\_\_  
(Clerk)