



SOUTH BRUCE WATER SYSTEMS

2025 SUMMARY REPORT

PREPARED IN ACCORDANCE WITH SCHEDULE 22
ONTARIO REGULATION 170/03, AS AMENDED

PREPARED BY VEOLIA WATER CANADA
FOR THE MUNICIPALITY OF SOUTH BRUCE

February 9, 2026

REPORTING PERIOD: JANUARY 1, 2025 TO DECEMBER 31, 2025

Summary of Reporting Requirements

O. Reg 170/03, Section 22 sets out the preparation and distribution of an annual summary report by owners of a drinking water system.

22-2. (1) The owner of a drinking water system shall ensure that, no 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 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.

(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.

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.

(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.

Mildmay Water System – Drinking Water System #220002654

Report Period: January 1st, 2025 to December 31st, 2025

Between the dates of September 4 - October 17, 2025, Grace Lumley from the Ministry of the Environment Conservation and Parks inspected the Mildmay Water System. The final report was submitted by Grace Lumley on October 17, 2025. There were no non-compliance items reported.

The following table lists the Adverse Water Quality Incidents that occurred during the reporting period:

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
NA					

Mildmay Infrastructure Review

The following items have been identified as potential improvements for the Mildmay Water System:

- Connecting link from Elora St Bridge to Church St. (Mildmay) - Have applied for funding
- New Watermain for Dietz St and Kleist St (Mildmay) - completed September 2025

Maintenance/Expenses

July 16, 2025 - Hays installed new surge protector, VFD and reactor for Well #1

July 28, 2025 - Completed a cut and cap of the main at Kleist St & Dietz St.

July 29, 2025 - Completed a cut and cap of the main at Elora St & Dietz St.

August 7, 2025 - Repaired leak on Well #2 flowmeter

November 20, 2025 - Completed a water service repair at 2 Gunn St.

December 3, 2025 - A well inspection was completed for Well #2

December 9, 2025 - AMS replaced flow meter on Well #2

Mildmay Summary of Quantities and Flow Rates - January 1st to December 31st, 2025

MONTH	Total Flow For Month (Liters)	Average Daily Flow (Liters)	Maximum Daily Flow (Liters)
January	15,273,000	492,677	649,000
February	13,524,000	483,000	619,000
March	15,009,000	484,161	601,000
April	13,667,000	455,567	569,000
May	15,125,000	487,903	696,000
June	16,475,000	549,167	787,000
July	18,109,000	584,161	867,000
August	19,257,000	621,194	819,000
September	17,759,000	591,967	747,000
October	20,036,000	646,323	874,000
November	18,172,000	605,733	882,000
December	18,293,000	590,097	1,033,000
TOTAL:	200,699,000		
DAILY AVERAGE:		549,860	
DAILY MAXIMUM:			1,033,000
MAXIMUM ALLOWABLE TAKING, AS PER PERMIT TO TAKE WATER			
DRINKING WATER LICENCE CAPACITY (DAILY): 1,637,000 Litres			
MAXIMUM ALLOWABLE PER DAY: 1,600,000 Litres			

*High flows in October due to annual hydrant flushing

For 2025 the average daily flow rate was **34.37%**, and the maximum daily flow was **64.56%** of the Permit To Take water capacity of 1,600,000 Litres per day.

The maximum daily flow was **63.10%** of the Municipal Drinking Water License Rated Capacity of 1,637,000 Litres per day.

Identified Peak Flow Outliers between January 1, 2025 - December 31, 2025

On December 6, 2025 the flow was abnormally high due to filling the Water Tower following them being offline for an extended period to disinfect Well 2 following its inspection. With the flow of 1,033m³ removed from December 6, 2025, the new max for December is 828,000 L, average is 575,000 L, and the total is 17,260,000 L.

Considering this outlier, for 2025 the new average flow is 548,099 L which was **34.25%**, and the maximum daily flow (882,000 L) was **55.13%** of the Permit To Take water capacity of 1,600,000 Litres per day.

The maximum daily flow was **53.88%** of the Municipal Drinking Water License Rated Capacity of 1,637,000 Litres per day.

Mildmay Well #1 Raw Water Quality Trends

Raw Water Well #1 - E. Coli				Raw Water Well #1 - Total Coliform				Raw Turbidity - Well #1				
Month	Monthly Minimum	Monthly Maximum	Monthly # Samples	Month	Monthly Minimum	Monthly Maximum	Monthly # Samples	Month	Raw Water Turbidity			
									Average NTU	Minimum NTU	Maximum NTU	# of Samples
Jan '25	0	0	4	Jan '25	0	0	4	Jan '25	0.20	0.13	0.30	4
Feb '25	0	0	4	Feb '25	0	0	4	Feb '25	0.20	0.17	0.22	4
Mar '25	0	0	4	Mar '25	0	0	4	Mar '25	0.22	0.12	0.26	6
Apr '25	0	0	5	Apr '25	0	0	5	Apr '25	0.20	0.09	0.28	5
May '25	0	0	4	May '25	0	0	4	May '25	0.20	0.08	0.30	4
Jun '25	0	0	4	Jun '25	0	0	4	Jun '25	0.26	0.20	0.31	4
Jul '25	0	0	5	Jul '25	0	0	5	Jul '25	0.18	0.11	0.22	5
Aug '25	0	0	4	Aug '25	0	0	4	Aug '25	0.21	0.09	0.30	4
Sep '25	0	0	4	Sep '25	0	0	4	Sep '25	0.20	0.15	0.24	4
Oct '25	0	0	5	Oct '25	0	0	5	Oct '25	0.18	0.11	0.22	5
Nov '25	0	0	4	Nov '25	0	0	4	Nov '25	0.24	0.15	0.31	3
Dec '25	0	0	5	Dec '25	0	0	5	Dec '25	0.20	0.17	0.22	5
Annual Summary				Annual Summary				Annual Summary				
Min	0			Min	0			Total				53
Max		0		Max		0		Average	0.21			
Avg		0		Avg		0		Maximum			0.31	
# of Samples			52	# of Samples			52	Minimum		0.08		

The raw water quality of the Well #1 in Mildmay remains excellent.

The first two tables below show that there were no instances of E. Coli or Total Coliform in the Raw Water Sample Results.

The third table shows the Raw Water Turbidity. Turbidity is a measurement of the clarity of the water (the lower the number the more clear the water is). For 2025 the raw turbidity ranged from 0.08 to 0.31 ntu, and averaged 0.21 ntu. This range is consistent with previous years Raw Water Turbidity.

A below grade inspection of Well #1 was completed on August 29, 2024 by W.D. Hopper & Sons LTD.



Mildmay Well #2 Raw Water Quality Trends

Raw Water Well #2 - E. Coli			
Month	Monthly Minimum	Monthly Maximum	Monthly # Samples
Jan '25	0	0	4
Feb '25	0	0	4
Mar '25	0	0	4
Apr '25	0	0	5
May '25	0	0	4
Jun '25	0	0	4
Jul '25	0	0	5
Aug '25	0	0	4
Sep '25	0	0	4
Oct '25	0	0	5
Nov '25	0	0	4
Dec '25	0	0	5
Annual Summary			
Min	0		
Max		0	
Avg		0	
Total			52

Raw Water Well #2 - Total Coliform			
Month	Monthly Minimum	Monthly Maximum	Monthly # Samples
Jan '25	0	0	4
Feb '25	0	0	4
Mar '25	0	0	4
Apr '25	0	0	5
May '25	0	0	4
Jun '25	0	0	4
Jul '25	0	0	5
Aug '25	0	0	4
Sep '25	0	0	4
Oct '25	0	0	5
Nov '25	0	0	4
Dec '25	0	0	5
Annual Summary			
Min	0		
Max		0	
Avg		0	
Total			52

Raw Turbidity - Well #2				
Month	Raw Water Turbidity			
	Average NTU	Minimum NTU	Maximum NTU	# of Samples
Jan '25	0.20	0.16	0.28	4
Feb '25	0.16	0.12	0.24	4
Mar '25	0.19	0.18	0.20	6
Apr '25	0.20	0.15	0.24	5
May '25	0.18	0.16	0.22	4
Jun '25	0.20	0.12	0.27	4
Jul '25	0.18	0.12	0.22	5
Aug '25	0.19	0.13	0.27	4
Sep '25	0.16	0.13	0.22	4
Oct '25	0.21	0.09	0.27	5
Nov '25	0.31	0.22	0.41	3
Dec '25	0.25	0.14	0.30	5
Annual Summary				
Total				53
Average	0.20			
Maximum			0.41	
Minimum		0.09		

The raw water quality of the Well #2 in Mildmay remains excellent. The first two tables below show that there were no instances of E. Coli or Total Coliform in the Raw Water Sample Results. The third table shows the Raw Water Turbidity. For 2025 the raw turbidity ranged from 0.09 to 0.41 ntu, and averaged 0.20 ntu. This range is consistent with previous years Raw Water Turbidity. A below grade inspection of Well #2 was completed on December 10, 2025 by W.D. Hopper & Sons LTD.

Teeswater Water System – Drinking Water System #220002654

Report Period: January 1st, 2025 to December 31st, 2025

Between the dates of September 4 - October 17, 2025, Grace Lumley from the Ministry of the Environment Conservation and Parks inspected the Mildmay Water System. The final report was submitted by Grace Lumley on October 17, 2025. There were no non-compliance items reported.

The following table lists the Adverse Water Quality Incidents that occurred during the reporting period:

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
NA					

Teeswater Infrastructure Review

The following items have been identified as potential improvements for the Teeswater Drinking Water System:

- Work to begin on the second well once tower construction has completed
- The water tower is currently under construction, and is on track to be finalized in 2026
- Consideration for a new watermain from the Teeswater pumphouse to Elizabeth St.

Maintenance/Expenses

February 19, 2025 - repaired a watermain break on Hillcrest St E.

February 20, 2025 - capped the watermain on Hillcrest St E.

October 28, 2025 - Completed new water valve installation at the Hotel

Teeswater Summary of Quantities and Flow Rates - January 1st to December 31st, 2024

MONTH	Total Flow For Month (Liters)	Average Daily Flow (Liters)	Maximum Daily Flow (Liters)
January	10,470,000	337,742	434,000
February	9,679,000	345,679	738,000
March	9,657,000	311,516	405,000
April	8,877,000	295,900	469,000
May	10,493,000	338,484	686,000
June	10,351,000	345,033	594,000
July	11,190,000	360,968	502,000
August	12,151,000	391,968	584,000
September	11,067,000	368,900	499,000
October	9,504,000	306,581	440,000
November	10,185,000	339,500	446,000
December	10,711,000	345,516	418,000
TOTAL:	124,335,000		
DAILY AVERAGE:		340,644	
DAILY MAXIMUM:			738,000
MAXIMUM ALLOWABLE TAKING, AS PER PERMIT TO TAKE WATER			
DRINKING WATER LICENCE CAPACITY (DAILY): 2,160,000 Litres			
MAXIMUM ALLOWABLE PER DAY: 1,600,000 Litres			

For 2025 the average daily flow rate was **21.29%**, and the maximum daily flow was **46.13%** of the Permit To Take water capacity of 1,600,000 Litres per day. The maximum daily flow was **34.17%** of the Municipal Drinking Water License Rated Capacity of 2,160,000 Litres per day.



Identified Peak Flow Outliers between January 1, 2025 - December 31, 2025

None during this time.

Teeswater Raw Water Quality Trends

Raw Water - E. Coli Results				Raw Water - Total Coliform Results				Raw Water Turbidity				
Month	Monthly Minimum (cfu/100ml)	Monthly Maximum (cfu/100ml)	Monthly # Samples	Month	Monthly Minimum (cfu/100ml)	Monthly Maximum (cfu/100ml)	Monthly # Samples	Month	Raw Turbidity			No. of Samples
									Minimum ntu	Maximum ntu	Average ntu	
Jan '25	0	0	4	Jan '25	0	0	4	Jan '25	0.09	0.21	0.17	3
Feb '25	0	0	4	Feb '25	0	0	4	Feb '25	0.14	0.19	0.16	3
Mar '25	0	0	4	Mar '25	0	0	4	Mar '25	0.18	0.33	0.25	3
Apr '25	0	0	5	Apr '25	0	0	5	Apr '25	0.11	0.23	0.16	3
May '25	0	0	4	May '25	0	0	4	May '25	0.16	0.36	0.26	4
Jun '25	0	0	4	Jun '25	0	0	4	Jun '25	0.15	0.30	0.21	3
Jul '25	0	0	5	Jul '25	0	0	5	Jul '25	0.12	0.20	0.16	4
Aug '25	0	0	4	Aug '25	0	0	4	Aug '25	0.12	0.25	0.19	4
Sep '25	0	0	4	Sep '25	0	0	4	Sep '25	0.18	0.38	0.24	4
Oct '25	0	0	5	Oct '25	0	0	5	Oct '25	0.12	0.29	0.19	5
Nov '25	0	0	4	Nov '25	0	0	4	Nov '25	0.20	0.27	0.24	3
Dec '25	0	0	5	Dec '25	0	0	5	Dec '25	0.07	0.33	0.22	5
Annual Summary				Annual Summary				Annual Summary				
Min	0			Min	0			# of Samples				44
Max		0		Max		0		Minimum	0.07			
Avg				Avg				Maximum		0.38		
Total			52	Total			52	Average			0.21	

The raw water quality of the well in Teeswater remains excellent. The first two tables below show that there were no instances of E. Coli or Total Coliform in the Raw Water Sample Results. The third table shows the Raw Water Turbidity. For 2025 the raw turbidity ranged from 0.07 to 0.38 ntu, and averaged 0.21 ntu. This range is consistent with previous years Raw Water Turbidity. Based on this information it does not appear that a below grade inspection of the well is required at this time.

