



2025 SCHEDULE 22 SUMMARY REPORT

ANTEN MILLS
DRINKING WATER
SYSTEM

For the period of
January 1st, 2025 to December 31st, 2025

Prepared for the Corporation of the Township of Springwater by the Ontario Clean Water Agency



This report was prepared in accordance with the requirements of [O.Reg 170/03, Schedule 22, Summary Reports for Municipalities](#) for the following system and reporting period:

Drinking-Water System Number:	220005447
Drinking-Water System Name:	Anten Mills Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Springwater
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2025 – December 31, 2025

1. Issue(s) of Non-Compliance

A Ministry of Environment, Conservation and Parks (MECP) Drinking Water System Inspection was conducted on September 12, 2025 for the period covering August 22, 2024 to September 12, 2025. On October 14, 2025 the Inspection Report was issued and an Inspection Summary Rating Record (IRR) of 100% was received.

The following is a summary of non-compliances noted in the MECP Inspection Report, as well as the duration and the measures that were taken to correct the non-compliance. If any self-reported non-compliances were included in the inspection report, they will be noted in Table 1.

Table 1. Non-Compliances and Corrective Actions noted in the 2024/2025 MECP Inspection Report

Non-Compliance(s)	Duration	Compliance Response/Corrective Action(s)
N/A	N/A	N/A

The following table (Table 2) is a summary of any incidents that the Operating Authority interpreted as instances where any requirements of the Act, the regulations, the system’s approval, drinking water works permit (DWWP), municipal drinking water licence (MDWL), and any orders applicable were not met. The Operating Authority reported the following incidents to the MECP and confirmation of whether the incidents are considered non-compliances are noted in the MECP Inspection Report and included in Table 1.

Table 2. Self-Reported Incidents and Corrective Actions for the Reporting Period

Incident	Duration	Corrective Actions
• N/A	N/A	• N/A

For information on any Adverse Water Quality Incident(s) that may have occurred during the reporting period, please refer to the Anten Mills Drinking Water System Annual Report (Section 11).

2. Assessment of Flowrates and Quantity of Water Supplied

The following tables (Table 3 to 10) summarize the quantities and flowrates of water supplied during the reporting period, including monthly averages and maximum daily flows as well as a

comparison to the rated capacity and flowrates approved in the system’s approval, DWWP or MDWL.

As required by the MDWL, regulatory flow measuring devices are checked/verified and where necessary calibrated. These checks/verifications/calibrations are performed annually by a third party to ensure the flow measuring devices are within acceptable deviation limits.

2.1 Treated Water

Municipal Drinking Water License (MDWL):	128-103 (Issue Number: 3)
Allowable Rated Capacity:	1557.6 m ³ /day
Allowable Flowrate into Treatment System:	Not listed in MDWL

As per the MDWL, the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed the listed rated capacity. However, the MDWL allows a system to be operated temporarily at a maximum daily volume and/or a maximum flowrate above the values set out in the MDWL for the purposes of fighting a large fire or for the maintenance of the drinking water system.

Table 3. Treated Water Annual and Monthly Average and Maximum Flows with Comparison to Rated Capacity and Total Volume for 2025

Treated Water Flow					
Timeframe	Average Flow (m ³ /day)	Percent of Rated Capacity	Maximum Flow (m ³ /day)	Percent of Rated Capacity	Total Volume (m ³)
January	149.65	9.61%	219.00	14.06%	4,639.00
February	138.07	8.86%	169.00	10.85%	3,866.00
March	147.00	9.44%	178.00	11.43%	4,557.00
April	168.53	10.82%	312.00	20.03%	5,056.00
May	205.61	13.20%	375.00	24.08%	6,374.00
June	323.73	20.78%	468.00	30.05%	9,712.00
July	387.13	24.85%	567.00	36.40%	12,001.00
August	295.94	19.00%	482.00	30.95%	9,174.00
September	271.23	17.41%	383.00	24.59%	8,137.00
October	201.10	12.91%	687.00	44.11%	6,234.00
November	133.80	8.59%	153.00	9.82%	4,014.00
December	139.58	8.96%	165.00	10.59%	4,327.00
2025	213.45	13.70%	687.00	44.11%	78,091.00

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (1557.6 m³/day) for the maximum treated volume of treated water that flows from the treatment subsystem to the distribution system.

A summary of flowrates of water that flows into the treatment system can be found in Table 5, Table 7 and Table 9. The applicable MDWL for the reporting period did not list a maximum allowable limit for the flowrate of water that flows into a treatment subsystem.

2.2 Raw Water

Permit to Take Water Number (PTTW):	4316-CYNKUF
Allowable Maximum Raw Water Volume - Well #1:	417.60 m ³ /day
Allowable Maximum Raw Water Flowrate - Well #1:	290 L/min (4.83 L/sec)
Allowable Maximum Volume of Raw Water - Well #2:	360.00 m ³ /day
Allowable Maximum Raw Water Flowrate – Well #2:	250 L/min (4.16 L/sec)
Allowable Maximum Volume of Raw Water - Well #3:	780.00 m ³ /day
Allowable Maximum Raw Water Flowrate – Well #3:	909 L/min (15.15 L/sec)
Allowable Maximum Daily Taking of Water from Any Combination of Wells:	780.00 m ³ /day

As per the PTTW, water shall only be taken from the specified source(s) and at the rates and amounts taken as specified in the permit. Notwithstanding, the above maximum daily takings, the maximum daily taking of water from all wells identified is limited to 780.00 m³/day. See table 10 for a review of the combined maximum daily takings of water from all wells identified within the Anten Mills Drinking Water System.

Table 4. Raw Water (Well #1) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well #1					
Timeframe	Average Flow (m ³ /day)	Percent of Allowable Volume	Maximum Flow (m ³ /day)	Percent of Allowable Volume	Total Volume (m ³)
January	73.13	17.51%	121.00	28.98%	2,267.00
February	67.57	16.18%	111.00	26.58%	1,892.00
March	71.10	17.03%	116.00	27.78%	2,133.00
April	7.14	1.71%	36.00	8.62%	50.00
May	2.67	0.64%	4.00	0.96%	16.00
June	1.80	0.43%	2.00	0.48%	9.00
July	2.25	0.54%	5.00	1.20%	18.00
August	107.05	25.63%	186.00	44.54%	2,141.00
September	133.20	31.90%	192.00	45.98%	3,996.00
October	93.26	22.33%	188.00	45.02%	2,891.00
November	67.10	16.07%	90.00	21.55%	1,946.00
December	65.65	15.72%	90.00	21.55%	2,035.00
2025	57.66	13.81%	192.00	45.02%	19,394.00

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable daily raw water volume for Well #1 (417.60 m³/day).

Table 5. Raw Water (Well #1) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Well #1	
Timeframe	Maximum Flowrate (L/sec)
January	4.00
February	4.00
March	4.10
April	3.90
May	3.80
June	3.90
July	3.90
August	4.00
September	3.90
October	3.90
November	4.00
December	4.00
2025	4.10

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable raw water flowrate for Well #1 (4.83 L/sec).

Table 6. Raw Water (Well #2) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well #2					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	67.42	18.73%	113.00	31.39%	2,090.00
February	63.29	17.58%	104.00	28.89%	1,772.00
March	65.50	18.19%	106.00	29.44%	1,965.00
April	7.00	1.94%	35.00	9.72%	49.00
May	2.50	0.69%	3.00	0.83%	15.00
June	1.80	0.50%	2.00	0.56%	9.00
July	2.00	0.56%	4.00	1.11%	16.00
August	98.45	27.35%	171.00	47.50%	1,969.00
September	122.53	34.04%	176.00	48.89%	3,676.00
October	85.06	23.63%	174.00	48.33%	2,637.00
November	61.45	17.07%	82.00	22.78%	1,782.00
December	60.23	16.73%	83.00	23.06%	1,867.00

Raw Water Flow – Well #2					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
2025	53.10	14.75%	176.00	48.89%	17,847.00

A review of flow information for the reporting period indicates that the system operated within the PTTW’s maximum allowable daily raw water volume for Well #2 (360.00 m³/day).

Table 7. Raw Water (Well #2) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Well #2	
Timeframe	Maximum Flowrate (L/sec)
January	4.00
February	4.00
March	4.00
April	3.90
May	3.90
June	3.90
July	3.90
August	4.00
September	3.90
October	3.90
November	3.90
December	3.90
2025	4.00

A review of flow information for the reporting period indicates that the system operated within the PTTW’s the maximum allowable raw water flowrate for Well #2 (4.16 L/sec).

Table 8. Raw Water (Well #3) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well #3					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	8.80	1.13%	10.00	1.28	44.00
February	8.80	1.13%	12.00	1.54	44.00
March	43.33	5.56%	133.00	17.05	260.00
April	159.13	20.40%	301.00	38.59	4,774.00
May	200.94	25.76%	323.00	41.41	6,229.00
June	307.70	39.45%	484.00	62.05	9,231.00

Raw Water Flow – Well #3					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
July	373.26	47.85%	554.00	71.03	11,571.00
August	277.12	35.53%	438.00	56.15	4,711.00
September	8.86	1.14%	14.00	1.79	62.00
October	69.80	8.95%	290.00	37.18	349.00
November	16.20	2.08%	25.00	3.21	81.00
December	24.57	3.15%	79.00	10.13	172.00
2025	124.88	16.01%	554.00	71.03%	37,528.00

A review of flow information for the reporting period indicates that the system operated within the PTTW’s maximum allowable daily raw water volume for Well #3 (780.00 m³/day).

Table 9. Raw Water (Well #3) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Well #3	
Timeframe	Maximum Flowrate (L/sec)
January	14.30
February	14.40
March	15.00
April	15.20 ^{9A}
May	14.50
June	14.40
July	14.60
August	14.50
September	14.30
October	14.40
November	14.30
December	14.20
2025	15.20^{9A}

A review of flow information for the reporting period indicates that the system operated within the PTTW’s the maximum allowable raw water flowrate for Well #3 (15.15 L/sec), with the exception of:

- ^{9A}April 3, 2025 – maximum flowrate exceeded was of short duration and due to startup.

Table 10. Combined Well (Well 1, Well 2 & Well 3) Annual and Monthly Flow and Total Volume for 2025

Combined Well Flow (Well 1, Well 2 & Well 3)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	141.97	18.20%	234.00	30.00%	4,401.00
February	132.43	16.98%	215.00	27.56%	3,708.00
March	140.58	18.02%	222.00	28.46%	4,358.00
April	162.43	20.82%	372.00	47.69%	4,873.00
May	201.94	25.89%	323.00	41.41%	6,260.00
June	310.79	39.85%	488.00	62.56%	9,249.00
July	383.07	49.11%	563.00	72.18%	11,605.00
August	294.18	37.72%	474.00	60.77%	8,821.00
September	255.36	32.74%	368.00	47.18%	7,734.00
October	197.11	25.27%	652.00	83.59%	5,877.00
November	125.41	16.08%	188.00	24.10%	3,809.00
December	133.32	17.09%	173.00	22.18%	4,074.00
2025	206.55	26.48%	652.00	83.59%	74,769.00

A review of flow information for the reporting period indicates that the system operated within the PTTW's maximum allowable daily taking of water from any combination of wells (780.00 m³/day).