

2025 SCHEDULE 22 SUMMARY REPORT

PHELPSTON
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:	260048282
Drinking-Water System Name:	Phelpston Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Springwater
Drinking-Water System Category:	Small 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 November 18, 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 Phelpston Drinking Water System Annual Report (Section 11).

2. Assessment of Flowrates and Quantity of Water Supplied

The following tables (Table 3 to 7) 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):	128-109 (Issue Number: 4)
Allowable Rated Capacity:	656 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	57.32	8.74%	143.00	21.80%	1,777.00
February	49.29	7.51%	69.00	10.52%	1,380.00
March	57.13	8.71%	126.00	19.21%	1,771.00
April	60.33	9.20%	139.00	21.19%	1,810.00
May	64.58	9.84%	102.00	15.55%	2,002.00
June	85.23	12.99%	111.00	16.92%	2,557.00
July	88.23	13.45%	136.00	20.73%	2,735.00
August	64.26	9.80%	87.00	13.26%	1,992.00
September	61.50	9.38%	145.00	22.10%	1,845.00
October	53.23	8.11%	81.00	12.35%	1,650.00
November	46.00	7.01%	56.00	8.54%	1,380.00
December	47.23	7.20%	59.00	8.99%	1,464.00
2025	61.19	9.33%	145.00	22.10%	22,363.00

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (656 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, and Table 7. 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):	5307-CZ5RE5
Allowable Maximum Raw Water Volume - Well No. 1:	547.20 m ³ /day
Allowable Maximum Raw Water Flowrate - Well No. 1:	378 L/min (6.33 L/sec)
Allowable Maximum Volume of Raw Water - Well No. 2:	655.20 m ³ /day
Allowable Maximum Raw Water Flowrate – Well No. 2:	456 L/sec (7.6 L/sec)

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.

Table 4. Raw Water (Well No. 1) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well No. 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	56.89	10.40%	107.00	19.55%	1,024.00
February	48.28	8.82%	65.00	11.88%	869.00
March	52.79	9.65%	77.00	14.07%	1,003.00
April	51.47	9.41%	79.00	14.44%	978.00
May	54.24	9.91%	86.00	15.72%	1,139.00
June	55.56	10.15%	81.00	14.80%	1,500.00
July	56.15	10.26%	127.00	23.21%	1,460.00
August	56.15	10.26%	72.00	13.16%	1,123.00
September	51.00	9.32%	65.00	11.88%	969.00
October	53.71	9.81%	66.00	12.06%	913.00
November	50.40	9.21%	61.00	11.15%	756.00
December	50.88	9.30%	63.00	11.51%	865.00
2025	53.13	9.71%	127.00	23.21%	12,599.00

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 No. 1 (547.20 m³/day).

Table 5. Raw Water (Well No. 1) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Well No. 1	
Timeframe	Maximum Flowrate (L/sec)
January	6.25
February	6.24
March	6.28
April	6.31
May	6.29
June	6.26
July	6.23
August	6.19
September	6.20
October	6.19
November	6.22
December	6.23
2025	6.31

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 No. 1 (6.33 L/sec).

Table 6. Raw Water (Well No. 2) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well No. 2					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	47.50	7.25%	60.00	9.16%	855.00
February	39.40	6.01%	58.00	8.85%	591.00
March	53.94	8.23%	64.00	9.77%	863.00
April	60.19	9.19%	154.00	23.50%	963.00
May	49.30	7.52%	68.00	10.38%	986.00
June	58.23	8.89%	77.00	11.75%	1,281.00
July	58.13	8.87%	81.00	12.36%	1,395.00
August	54.22	8.28%	69.00	10.53%	976.00
September	52.42	8.00%	107.00	16.33%	996.00
October	50.25	7.67%	65.00	9.92%	804.00
November	45.81	6.99%	60.00	9.16%	733.00
December	48.71	7.44%	63.00	9.62%	682.00
2025	51.51	7.86%	154.00	23.50%	11,125.00

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 No. 2 (655.20 m³/day).

Table 7. Raw Water (Well No. 2) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Well No. 2	
Timeframe	Maximum Flowrate (L/sec)
January	6.42
February	6.38
March	6.85
April	6.63
May	6.54
June	6.72
July	6.45
August	6.16
September	6.16
October	6.39
November	6.36
December	6.40
2025	6.85

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 No. 2 (7.6 L/sec).