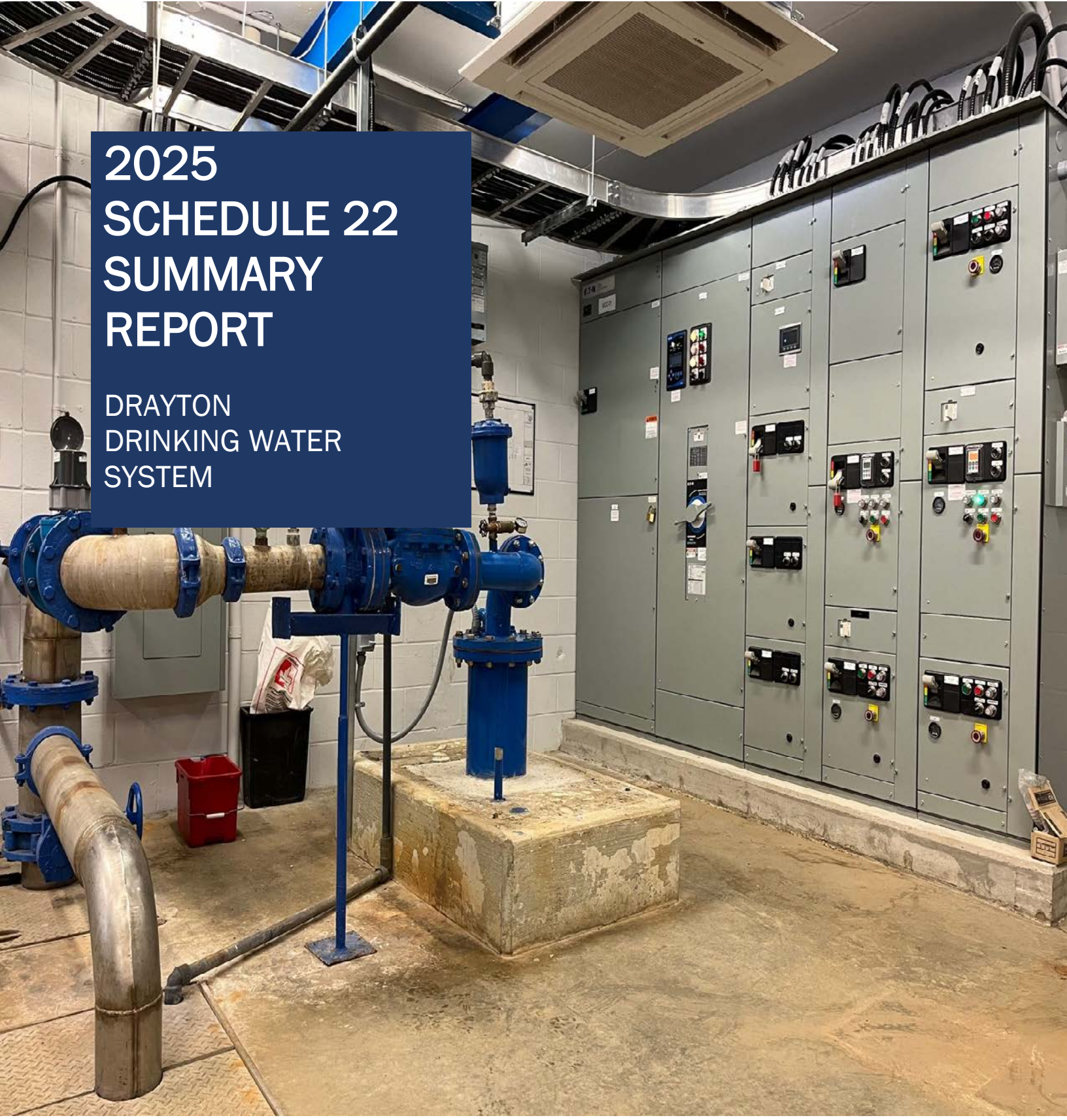

2025 SCHEDULE 22 SUMMARY REPORT

DRAYTON DRINKING WATER SYSTEM

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

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

Mapleton

ONTARIO CLEAN WATER AGENCY
AGENCE ONTARIENNE DES EAUX

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:	220004064
Drinking-Water System Name:	Drayton Drinking Water System
Drinking-Water System Owner:	The Corporation of the Township of Mapleton
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 July 31, 2025 for the period covering July 28, 2024 to August 26, 2025. On September 9, 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	Required Actions & Corrective Actions
N/A	N/A	N/A

The following table (Table 2) is a summary of any incidents that the Operating Authority interpreted as a 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
Spill	16 Minutes	**SAC Reference Number:** 1-PYRTZJ **Date:** December 29, 2025 **Time Started:** December 29, 2025 at 10:01AM **Time Ended:** December 29, 2025 at 10:17AM **Contents of Spill:** Treated Water from Reservoir **Volume:** 3,700 Litres **Location of Release:** Overflowed to creek located beside the Drayton DWS Well Pump House located at 60 Wood Street, Drayton. The creek leads to Conestogo River (approximately 100 yards from Pump House)

Incident	Duration	Corrective Actions
		Description of Incident/Reason for Spill: Operational error during collection of weekly samples from pump house caused reservoir level to raise and overflow. **Corrective Actions:** A site-specific Standard Operating Procedure (SOP) is under development. The key elements of the SOP have been identified and the completed SOP will be incorporated into staff training.

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

2. Assessment of Flowrates and Quantity of Water Supplied

The following tables (Table 3 to 8) 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):	105-101 (Issue Number: 4)
Allowable Rated Capacity:	3,928 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	386.77	9.85%	491.44	12.51%	11989.90
February	377.72	9.62%	654.10	16.65%	10576.07

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)**
March	452.56	11.52%	1108.25	28.21%	14029.35
April	388.43	9.89%	449.93	11.45%	11652.90
May	471.96	12.02%	951.90	24.23%	14630.65
June	509.90	12.98%	808.11	20.57%	15297.06
July	565.22	14.39%	1435.47	36.54%	17521.95
August	466.62	11.88%	645.02	16.42%	14465.22
September	451.59	11.50%	851.64	21.68%	13547.55
October	416.39	10.60%	697.65	17.76%	12908.13
November	395.83	10.08%	481.15	12.25%	11875.03
December	396.11	10.08%	621.53	15.82%	12279.34
2025	**439.92**	**11.20%**	**1435.47**	**36.54%**	**160773.15**

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

The applicable MDWL for the reporting period does not list a maximum allowable limit for the flowrate of water that flows into a treatment subsystem.

Table 4. Treated Water Annual and Monthly Average and Maximum Flowrates for 2025

Treated Water Flowrate		
Timeframe	**Average Flowrate (L/sec)**	**Maximum Flowrate (L/sec)**
January	20.21	22.30
February	20.05	22.20
March	20.17	23.50
April	20.11	22.10
May	20.25	22.80
June	20.95	27.60
July	21.96	38.60[4A]
August	20.28	22.30
September	20.14	22.10
October	20.34	28.10
November	20.04	22.00
December	20.17	25.60
2025	**20.39**	**38.60**

[4A] July 24, 2025 – Higher than typical maximum flowrate due to reservoir flushing in response to an operations related event. The MDWL does not list a maximum allowable limit for the flowrate of water that flows into a treatment subsystem, therefore this instance is not considered a non-compliance.

2.2 Raw Water

Permit to Take Water Number (PTTW):	6777-CRVL6Y
Allowable Maximum Raw Water Volume - Well #1:	1,964.16 m^3/day
Allowable Maximum Raw Water Flowrate - Well #1:	1,364 L/min (22.73 L/sec)
Allowable Maximum Volume of Raw Water - Well #2:	1,964.16 m^3/day
Allowable Maximum Raw Water Flowrate – Well #2:	1,364 L/min (22.73 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 5. 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	340.22	17.32%	457.31	23.28%	9526.27
February	210.53	10.72%	417.86	21.27%	2526.32

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)**
March	445.77	22.70%	1101.06	56.06%	13818.99
April	76.67	3.90%	322.14	16.40%	383.36
May	454.38	23.13%	938.09	47.76%	14085.83
June	146.22	7.44%	549.74	27.99%	1462.16
July	511.65	26.05%	1406.66	71.62%	13302.80
August	243.93	12.42%	640.03	32.59%	2195.36
September	432.48	22.02%	852.49	43.40%	12541.92
October	342.37	17.43%	765.35	38.97%	5135.52
November	147.41	7.50%	388.43	19.78%	1031.86
December	363.53	18.51%	616.82	31.40%	9088.26
2025	**309.60**	**15.76%**	**1406.66**	**71.62%**	**85098.65**

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.

Table 6. Raw Water (Well #1) Annual and Monthly Average and Maximum Flowrates for 2025

Raw Water Flowrate – Well #1		
Timeframe	**Average Flowrate (L/sec)**	**Maximum Flowrate (L/sec)**
January	19.25	19.30
February	19.20	19.30
March	19.27	19.30
April	19.16	19.20
May	19.26	21.20
June	18.97	19.20
July	19.12	19.20
August	19.34	20.70
September	19.57	21.20
October	19.39	19.50
November	19.33	19.40
December	19.46	20.10
2025	**19.28**	**21.20**

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.

Table 7. Raw Water (Well #2) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Well #2					
Timeframe	**Average Flow (m^3/day)**	**Percent of Allowable Volume**	**Maximum Flow (m^3/day)**	**Percent of Allowable Volume**	**Total Volume (m^3)**
January	218.38	11.12%	470.00	23.93%	2620.52
February	380.85	19.39%	491.81	25.04%	8759.49
March	3.31	0.17%	21.55	1.10%	69.53
April	410.03	20.88%	494.74	25.19%	12300.90
May	191.00	9.72%	891.95	45.41%	955.00
June	545.46	27.77%	865.77	44.08%	15272.75
July	348.27	17.73%	694.23	35.34%	4527.50
August	501.96	25.56%	681.03	34.67%	13553.01
September	173.11	8.81%	671.96	34.21%	1038.63
October	426.96	21.74%	635.11	32.33%	8966.23
November	418.45	21.30%	522.99	26.63%	11716.55
December	330.39	16.82%	811.62	41.32%	3964.64
2025	**329.01**	**16.75%**	**891.95**	**45.41%**	**83744.76**

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.

Table 8. Raw Water (Well #2) Annual and Monthly Average and Maximum Flowrates for 2025

Raw Water Flowrate – Well #2		
Timeframe	**Average Flowrate (L/sec)**	**Maximum Flowrate (L/sec)**
January	21.10	21.30
February	20.93	21.00
March	17.01	20.90
April	20.97	22.10
May	21.30	22.10
June	21.18	21.50
July	20.98	21.20
August	21.12	21.30
September	20.93	21.20
October	20.88	21.00
November	20.56	20.80
December	20.58	20.80
2025	**20.63**	**22.10**

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.