

2025 SCHEDULE 22 SUMMARY REPORT

MIDHURST
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:	220005474
Drinking-Water System Name:	Midhurst 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 May 23, 2025 for the period covering May 15, 2024 to May 23, 2025. On July 10, 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 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
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 Midhurst Drinking Water System Annual Report (Section 11).

2. Assessment of Flowrates and Quantity of Water Supplied

The following tables (Table 3 to 14) 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):	128-108 (Issue Number: 4)
Allowable Rated Capacity - Idlewood (Well No. 2 & Well No. 3):	3,498 m ³ /day
Allowable Rated Capacity - Greenpine (Well No. 4):	1,958 m ³ /day
Allowable Rated Capacity - Carson Road (Well No. 5):	1,642 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 – Idlewood (Well No. 2 & Well No. 3)^{3A}

Treated Water Flow – Idlewood (Well No. 2 & Well No. 3)					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
January	325.74	9.31%	440.00	12.58%	10,098.00
February	338.50	9.68%	600.00	17.15%	9,478.00
March	333.26	9.53%	530.00	15.15%	9,553.00
April	347.98	9.95%	629.00	17.98%	10,304.90
May	790.87	22.61%	1923.00	54.97%	24,436.50
June	1027.63	29.38%	1672.00	47.80%	30,736.18
July	1150.30	32.88%	1796.00	51.34%	35,546.05
August	812.10	23.22%	1195.00	34.16%	25,074.00
September	776.53	22.20%	1492.00	42.65%	23,176.00
October	432.56	12.37%	791.00	22.61%	13,295.00
November	333.43	9.53%	532.00	15.21%	9,873.00
December	327.63	9.37%	443.00	12.66%	10,011.00
2025	583.05	16.67%	1923.00	54.97%	211,581.63

^{3A}Treated water flow data for Idlewood Well Supply & Water Treatment Plant is based off the combined raw water flow data for Well No. 2 and Well No. 3. There is only one set of pumps (one per well) responsible

for the raw water taking, water that flows into the treatment system and water that flows from the treatment system into the distribution system.

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (3,498 m³/day), for the maximum treated volume of treated water that flows from the Idlewood treatment subsystem to the distribution system.

Table 4. Treated Water Annual and Monthly Average and Maximum Flows with Comparison to Rated Capacity and Total Volume for 2025 - Greenpine (Well No. 4):

Treated Water Flow – Greenpine (Well No. 4)					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
January	49.13	2.51%	69.00	3.52%	1,523.00
February	51.43	2.63%	86.00	4.39%	1,337.11
March	48.90	2.50%	78.00	3.98%	929.07
April	66.24	3.38%	119.00	6.08%	1,921.00
May	119.45	6.10%	325.00	16.60%	3,703.00
June	162.63	8.31%	264.00	13.48%	4,879.00
July	192.90	9.85%	312.00	15.93%	5,980.00
August	130.71	6.68%	163.00	8.32%	4,052.00
September	129.57	6.62%	222.00	11.34%	3,887.00
October	77.10	3.94%	135.00	6.89%	2,390.00
November	60.73	3.10%	119.00	6.08%	1,822.00
December	56.16	2.87%	77.00	3.93%	1,741.00
2025	95.41	4.87%	325.00	16.60%	34,164.18

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (1,958 m³/day), for the maximum treated volume of treated water that flows from the Greenpine treatment subsystem to the distribution system.

Table 5. Treated Water Annual and Monthly Average and Maximum Flows with Comparison to Rated Capacity and Total Volume for 2025 – Carson Road (Well No. 5)^{5A}:

Treated Water Flow – Carson Road (Well No. 5)					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
January	163.00	9.93%	216.00	13.15%	5,053.00
February	160.93	9.80%	206.00	12.55%	4,345.00
March	166.87	10.16%	240.00	14.62%	5,173.00
April	213.53	13.00%	395.00	24.06%	6,406.00

Treated Water Flow – Carson Road (Well No. 5)					
Timeframe	Average Flow (m³/day)	Percent of Rated Capacity	Maximum Flow (m³/day)	Percent of Rated Capacity	Total Volume (m³)
May	342.13	20.84%	518.00	31.55%	10,264.00
June	388.57	23.66%	662.00	40.32%	11,657.00
July	557.39	33.95%	775.00	47.20%	17,279.00
August	412.35	25.11%	598.00	36.42%	12,783.00
September	345.14	21.02%	506.00	30.82%	10,009.00
October	215.16	13.10%	402.00	24.48%	6,670.00
November	173.33	10.56%	345.00	21.01%	5,200.00
December	164.97	10.05%	219.00	13.34%	5,114.00
2025	275.28	16.76%	775.00	47.20%	99,953.00

^{5A}Treated water flow and flowrate data for Carson Road Well Supply & Water Treatment Plant is based off the raw water flow and flowrate data from Well No. 5. There is only one set of pumps (one per well) responsible for the raw water taking, water that flows into the treatment system and water the flows from the treatment system into the distribution system

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (1,642 m³/day), for the maximum treated volume of treated water that flows from the Carson Road treatment subsystem to the distribution system.

A summary of flowrates of water that flows into the treatment system can be found in Table 7, Table 9, Table 11 and Table 13. 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):	1847-AGEJMN
Allowable Maximum Raw Water Volume – Idlewood Well No. 2:	619.00 m ³ /day
Allowable Maximum Raw Water Flowrate – Idlewood Well No. 2:	430 L/min (7.17 L/sec)
Allowable Maximum Raw Water Volume – Idlewood Well No. 3:	2,880.00 m ³ /day
Allowable Maximum Raw Water Flowrate - Idlewood Well No. 3:	2,000 L/min (33.33 L/sec)
Allowable Maximum Volume of Raw Water – Greenpine Well No. 4:	1,958.00 m ³ /day
Allowable Maximum Raw Water Flowrate – Greenpine Well No. 4:	1,360 L/min (22.67 L/sec)
Allowable Maximum Volume of Raw Water – Carson Well No. 5:	1,641.60 m ³ /day
Allowable Maximum Raw Water Flowrate – Carson Well No. 5:	1,140 L/min (19.00 L/sec)
Allowable Maximum Daily Taking of Water from Any Combination of Wells:	6,479 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.

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

Raw Water Flow – Idlewood (Well No. 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	70.61	11.41%	96.00	15.51%	2,189.00
February	73.32	11.85%	130.00	21.00%	2,053.00
March	64.84	10.48%	99.00	15.99%	1,232.00
April	5.38	0.87%	7.00	1.13%	26.90
May	3.10	0.50%	6.00	0.97%	15.50
June	3.86	0.62%	7.00	1.13%	23.18
July	4.72	0.76%	12.00	1.94%	33.05
August	3.75	0.61%	5.00	0.81%	15.00
September	5.00	0.81%	6.00	0.97%	30.00
October	4.40	0.71%	6.00	0.97%	22.00
November	5.20	0.84%	6.00	0.97%	26.00
December	5.60	0.90%	8.00	1.29%	28.00
2025	20.82	3.36%	130.00	21.00%	5,693.63

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 (619.00 m³/day).

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

Raw Water Flowrate – Idlewood Well No. 2	
Timeframe	Maximum Flowrate (L/sec)
January	7.00
February	6.97
March	7.02
April	6.94
May	6.78
June	7.99 ^{7A}
July	6.70
August	6.63
September	6.54
October	6.54
November	6.63
December	6.67

Raw Water Flowrate – Idlewood Well No. 2	
Timeframe	Maximum Flowrate (L/sec)
2025	7.99^{7A}

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 (7.17 L/sec) with the exception of:

- ^{7A}June 6, 2025 – peak flow exceedance was due to flow meter calibrations.

Table 8. Raw Water (Idlewood Well No. 3) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Idlewood Well No. 3					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	255.13	8.86%	344.00	11.94%	7,909.00
February	265.18	9.21%	470.00	16.32%	7,425.00
March	268.42	9.32%	431.00	14.97%	8,321.00
April	342.60	11.90%	622.00	21.60%	10,278.00
May	787.77	27.35%	1917.00	66.56%	24,421.00
June	1023.77	35.55%	1665.00	57.81%	30,713.00
July	1145.58	39.78%	1784.00	61.94%	35,513.00
August	808.35	28.07%	1190.00	41.32%	25,059.00
September	771.53	26.79%	1486.00	51.60%	23,146.00
October	428.16	14.87%	785.00	27.26%	13,273.00
November	328.23	11.40%	526.00	18.26%	9,847.00
December	322.03	11.18%	435.00	15.10%	9,983.00
2025	562.23	19.52%	1917.00	66.56%	205,888.00

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. 3 (2,880.00 m³/day).

Table 9. Raw Water (Idlewood Well No. 3) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Idlewood Well No. 3	
Timeframe	Maximum Flowrate (L/sec)
January	23.70
February	23.78
March	24.02
April	23.96

Raw Water Flowrate – Idlewood Well No. 3	
Timeframe	Maximum Flowrate (L/sec)
May	29.39
June	29.25
July	29.12
August	29.13
September	29.15
October	29.23
November	29.25
December	29.23
2025	29.39

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. 3 (33.33 L/sec).

Table 10. Raw Water (Greenpine Well No. 4) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Greenpine Well No. 4					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	46.16	2.36%	72.00	3.68%	1,431.00
February	45.46	2.32%	76.00	3.88%	1,181.85
March	49.75	2.54%	104.00	5.31%	945.19
April	63.55	3.25%	119.00	6.08%	1,843.00
May	113.55	5.80%	312.00	15.93%	3,520.00
June	159.10	8.13%	262.00	13.38%	4,773.00
July	194.71	9.94%	316.00	16.14%	6,036.00
August	128.42	6.56%	168.00	8.58%	3,981.00
September	123.70	6.32%	229.00	11.70%	3,711.00
October	70.52	3.60%	136.00	6.95%	2,186.00
November	58.20	2.97%	125.00	6.38%	1,746.00
December	57.87	2.96%	82.00	4.19%	1,794.00
2025	92.58	4.73%	316.00	16.14%	33,148.04

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 Greenpine Well No. 4 (1,958 m³/day).

Table 11. Raw Water (Greenpine Well No. 4) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Greenpine Well No. 4	
Timeframe	Maximum Flowrate (L/sec)
January	19.30
February	19.37
March	19.29
April	19.64
May	21.71
June	20.84
July	23.57 ^{11A}
August	21.23
September	18.98
October	22.46
November	18.96
December	19.97
2025	23.57^{11A}

A review of flow information for the reporting period indicates that the system operated within the PTTW’s maximum allowable raw water flowrate for Greenpine Well No. 4 (22.67 L/sec) with the exception of:

- ^{11A} July 15, 2025 – Flowrate exceedance occurred for a short duration on start-up.

Table 12. Raw Water (Carson Rd. Well No. 5) Monthly Average, Maximum Flow and Total Volume for 2025

Raw Water Flow – Carson Rd. Well No. 5					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	163.00	9.93%	216.00	13.15%	5,053.00
February	160.93	9.80%	206.00	12.55%	4,345.00
March	166.87	10.16%	240.00	14.62%	5,173.00
April	213.53	13.00%	395.00	24.06%	6,406.00
May ^{12A}	342.13	20.84%	518.00	31.55%	10,264.00
June	388.57	23.66%	662.00	40.32%	11,657.00
July	557.39	33.95%	775.00	47.20%	17,279.00
August	412.35	25.11%	598.00	36.42%	12,783.00
September	345.14	21.02%	506.00	30.82%	10,009.00
October	215.16	13.10%	402.00	24.48%	6,670.00
November	173.33	10.56%	345.00	21.01%	5,200.00
December	164.97	10.05%	219.00	13.34%	5,114.00
2025	275.28	16.76%	775.00	47.20%	99,953.00

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. 5 (1,641.60 m³/day).

Table 13. Raw Water (Carson Rd. Well No. 5) Annual and Monthly Maximum Flowrates for 2025

Raw Water Flowrate – Carson Rd. Well No. 5	
Timeframe	Maximum Flowrate (L/sec)
January	15.50
February	15.80
March	15.60
April	15.61
May	15.92
June	15.50
July	15.54
August	15.41
September	15.49
October	15.44
November	15.45
December	15.60
2025	15.92

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. 5 (19.0 L/sec).

Table 14. Combined Well (Well No. 2, Well No. 3, Well No. 4, and Well No. 5) Annual and Monthly Flow and Total Volume for 2025

Combined Well Flow (Well No. 2, Well No. 3, Well No. 4, and Well No. 5)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
January	534.90	8.26%	723.00	11.16%	16,582.00
February	535.89	8.27%	695.26	10.73%	15,004.85
March	505.52	7.80%	670.00	10.34%	15,671.19
April	618.46	9.55%	1136.00	17.53%	18,553.90
May	1232.92	19.03%	2390.00	36.89%	38,220.50
June	1572.21	24.27%	2139.20	33.02%	47,166.18
July	1898.74	29.31%	2495.00	38.51%	58,861.05
August	1403.46	21.66%	1836.00	28.34%	36,490.00
September	1225.14	18.91%	1741.00	26.87%	34,304.00
October	665.50	10.27%	989.00	15.26%	11,979.00
November	566.77	8.75%	861.00	13.29%	12,469.00
December	540.74	8.35%	726.00	11.21%	12,437.00

Combined Well Flow (Well No. 2, Well No. 3, Well No. 4, and Well No. 5)					
Timeframe	Average Flow (m³/day)	Percent of Allowable Volume	Maximum Flow (m³/day)	Percent of Allowable Volume	Total Volume (m³)
2025	941.69	14.53%	2495.00	38.51%	317,738.67

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 (6,479 m³/day).