

# 2025 SCHEDULE 22 SUMMARY REPORT

SNOW VALLEY  
DRINKING WATER  
SYSTEM



For the period of  
January 1<sup>st</sup>, 2025 to December 31<sup>st</sup>, 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:

<b>Drinking-Water System Number:</b>	260048204
<b>Drinking-Water System Name:</b>	Snow Valley Highlands Drinking Water System
<b>Drinking-Water System Owner:</b>	The Corporation of the Township of Springwater
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	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 January 7, 2026 for the period covering December 18, 2024 to January 7, 2026. On February 06, 2026 the Inspection Report was issued and an Inspection Summary Rating Record (IRR) of 96.40% 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 2025 MECP Inspection Report**

Non-Compliance(s)	Duration	Compliance Response/Corrective Action(s)
<p>The owner was not in compliance with the conditions associated with maximum flow rate and/or the rated/operational capacity conditions in the Municipal Drinking Water Licence.</p> <ul style="list-style-type: none"> <li>Exceedance at the Well #3 and Well #4 pumphouse occurred during the review period on July 13, 2025 - attributed to consumer over-usage.</li> </ul>	1 day	<ul style="list-style-type: none"> <li>OCWA proactively reported this incident to the MECP (Self-Reported Incident)</li> <li>Watering restrictions were implemented by the Township in response to elevated flows in July 2025.</li> <li>The Township by-law department monitored residential consumption during the restriction period.</li> <li>A master servicing plan for long-term water supply is forthcoming.</li> <li>No additional action was requested by the MECP.</li> </ul>

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 Snow Valley Highlands Drinking Water System Annual Report (Section 11).

## 2. Assessment of Flowrates and Quantity of Water Supplied

The following tables (Table 3 to 13) 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

<b>Municipal Drinking Water License (MDWL):</b>	128-102 (Issue Number: 3)
<b>Allowable Rated Capacity – Well No. 1 &amp; 2 Pumphouse</b>	1,132 m <sup>3</sup> /day
<b>Allowable Rated Capacity – Well No. 3 &amp; 4 Pumphouse</b>	1,634 m <sup>3</sup> /day
<b>Allowable Flowrate into Treatment System:</b>	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 – Old Snow Valley (Well No. 1 & 2 Pumphouse)**

Treated Water Flow – Old Snow Valley (Well No. 1 & 2 Pumphouse)					
Timeframe	Average Flow (m <sup>3</sup> /day)	Percent of Rated Capacity	Maximum Flow (m <sup>3</sup> /day)	Percent of Rated Capacity	Total Volume (m <sup>3</sup> )
January	228.26	20.16%	292.00	25.80%	7,076.00

<b>Treated Water Flow – Old Snow Valley (Well No. 1 &amp; 2 Pumphouse)</b>					
<b>Timeframe</b>	<b>Average Flow (m<sup>3</sup>/day)</b>	<b>Percent of Rated Capacity</b>	<b>Maximum Flow (m<sup>3</sup>/day)</b>	<b>Percent of Rated Capacity</b>	<b>Total Volume (m<sup>3</sup>)</b>
February	222.21	19.63%	275.00	24.29%	6,222.00
March	210.58	18.60%	276.00	24.38%	6,528.00
April	200.10	17.68%	256.00	22.61%	6,006.00
May	349.23	30.85%	865.00	76.41%	10,826.00
June	515.44	45.53%	734.00	64.84%	15,463.30
July	573.77	50.69%	798.00	70.49%	17,787.00
August	396.94	35.07%	478.00	42.23%	12,305.00
September	417.50	36.88%	553.00	48.85%	12,525.00
October	272.29	24.05%	600.00	53.00%	8,441.00
November	178.13	15.74%	218.00	19.26%	5,344.00
December	223.52	19.75%	292.00	25.80%	6,929.00
<b>2025</b>	<b>315.66</b>	<b>27.89%</b>	<b>865.00</b>	<b>76.41%</b>	<b>115,449.30</b>

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (1,132 m<sup>3</sup>/day), for the maximum treated volume of treated water that flows from the treatment subsystem to the distribution system for Well # 1 and Well #2 Pumphouse (Old Snow Valley).

**Table 4. Treated Water Annual and Monthly Average and Maximum Flows with Comparison to Rated Capacity and Total Volume for 2025 – Snow Valley Highlands (Well No. 3 & 4 Pumphouse)**

<b>Treated Water Flow – Snow Valley Highlands (Well No. 3 &amp; 4 Pumphouse)</b>					
<b>Timeframe</b>	<b>Average Flow (m<sup>3</sup>/day)</b>	<b>Percent of Rated Capacity</b>	<b>Maximum Flow (m<sup>3</sup>/day)</b>	<b>Percent of Rated Capacity</b>	<b>Total Volume (m<sup>3</sup>)</b>
January	622.52	38.10%	766.00	46.88%	17,768.00
February	576.43	35.28%	730.00	44.68%	15,841.00
March	580.59	35.53%	687.00	42.04%	16,974.00
April	583.47	35.71%	760.00	46.51%	17,476.00
May	970.45	59.39%	1,678.00 <sup>4A</sup>	102.69 <sup>4A</sup> %	26,319.00
June	1141.67	69.87%	1,616.00	98.90%	33,774.00
July	1217.34	74.50%	1,735.00 <sup>4B</sup>	106.18 <sup>4B</sup> %	36,892.00
August	1020.71	62.47%	1,269.00	77.66%	30,859.00
September	926.77	56.72%	1305.00	79.87%	27,614.00
October	964.49	59.03%	1336.00	81.76%	22,778.00
November	571.23	34.96%	639.00	39.11%	16,291.00
December	605.55	37.06%	667.00	40.82%	17,988.00
<b>2025</b>	<b>815.10</b>	<b>49.88%</b>	<b>1735.00<sup>4B</sup></b>	<b>106.18<sup>4B</sup>%</b>	<b>280,574.00</b>

*\*Note: Above table includes the treated water flow to the highlands distribution and any supplementary flow needed to Old Snow Valley distribution*

<sup>4A</sup>May 13, 2025 – Maximum flow exceedance due to spring flushing

<sup>4B</sup>July 13, 2025 – Maximum flow exceedance due to consumer usage. See details in Table 2.

A review of flow information for the reporting period indicates that the drinking water system operated within the rated capacity specified in the MDWL (1,634 m<sup>3</sup>/day), for the maximum treated volume of treated water that flows from the treatment subsystem to the distribution system for Well #3 and Well #4 Pumphouse (Snow Valley Highlands), with the exception of May 13, 2025 and July 13, 2025

A summary of flowrates of water that flows into the treatment system can be found in Table 6, Table 8, Table 10 and Table 12. 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

<b>Permit to Take Water Number (PTTW):</b>	4676-B39PQB
<b>Allowable Maximum Raw Water Volume - Well 1:</b>	1,131.84 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate - Well 1:</b>	786 L/min (13.1 L/sec)
<b>Allowable Maximum Volume of Raw Water - Well 2:</b>	1,503.36 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate – Well 2:</b>	1,044 L/min (17.4 L/sec)
<b>Allowable Maximum Volume of Raw Water - Well 3:</b>	1,632.96 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate – Well 3:</b>	1,134 L/min (18.9 L/sec)
<b>Allowable Maximum Volume of Raw Water - Well 4:</b>	1,632.96 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate – Well 4:</b>	1,134 L/min (18.9 L/sec)
<b>Allowable Annual Average Daily Taking of Water from Any Combination of Wells:</b>	2,086.60 m <sup>3</sup> /day
<b>Allowable Maximum Daily Volume from any Combination of Wells*:</b>	4695.30 m <sup>3</sup> /day
<b>Allowable Annual Total Taking from any Combination of Wells*:</b>	763,695.6 m <sup>3</sup> /year

*\*As per section 3.3 of the PTTW, to accommodate periods of high water demand, the daily total amount of taking from any combination of wells can be up to 4,965,300 litres per day so long as the total taking does not exceed 763,695.6 m<sup>3</sup>/year.*

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 <sup>3</sup> /day)	Percent of Allowable Volume	Maximum Flow (m <sup>3</sup> /day)	Percent of Allowable Volume	Total Volume (m <sup>3</sup> )
January	106.12	9.38%	141.00	12.46%	2,759.00
February	114.11	10.08%	157.00	13.87%	3,195.00
March	108.65	9.60%	152.00	13.43%	3,368.00
April	102.87	9.09%	132.00	11.66%	3,086.00
May	180.45	15.94%	448.00	39.58%	5,594.00
June	263.67	23.30%	396.00	34.99%	7,910.00
July	279.42	24.69%	450.00	39.76%	8,662.00
August	216.71	19.15%	288.00	25.45%	6,718.00
September	238.30	21.05%	380.00	33.57%	7,149.00
October	142.81	12.62%	275.00	24.30%	4,427.00
November	92.70	8.19%	116.00	10.25%	2,781.00
December	111.10	9.82%	160.00	14.14%	3,444.00
<b>2025</b>	<b>163.07</b>	<b>14.41%</b>	<b>450.00</b>	<b>39.76%</b>	<b>59,093.00</b>

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 (1,131.84 m<sup>3</sup>/day).

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

Raw Water Flowrate – Well 1	
Timeframe	Maximum Flowrate (L/sec)
January	14.97 <sup>6A</sup>
February	12.90
March	13.26 <sup>6B</sup>
April	13.40 <sup>6C</sup>
May	12.90
June	12.80
July	12.90
August	12.70
September	13.00
October	12.60
November	13.00
December	12.90
<b>2025</b>	<b>14.97<sup>6A</sup></b>

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 (13.1 L/sec) with exception of:

- <sup>6A</sup>January 14, 2025 - Flowrate exceedances were a short duration as a result of well pump start-up
- <sup>6B</sup>March 16, 2025 - Flowrate exceedances were of short duration and as a result of well pump start-up
- <sup>6C</sup>April 7, 2025 - Flowrate exceedances were of short duration and as a result of well pump start-up

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

Raw Water Flow – Well 2					
Timeframe	Average Flow (m <sup>3</sup> /day)	Percent of Allowable Volume	Maximum Flow (m <sup>3</sup> /day)	Percent of Allowable Volume	Total Volume (m <sup>3</sup> )
January	139.42	9.27%	299.00	19.89%	4,322.00
February	148.11	9.85%	131.00	8.71%	4,147.00
March	105.19	7.00%	133.00	8.85%	3,261.00
April	101.30	6.74%	128.00	8.51%	3,039.00
May	173.58	11.55%	420.00	27.94%	5,381.00
June	270.80	18.01%	456.00	30.33%	8,124.00
July	298.84	19.88%	434.00	28.87%	9,264.00
August	186.58	12.41%	273.00	18.16%	5,784.00
September	186.30	12.39%	285.00	18.96%	5,589.00
October	134.13	8.92%	333.00	22.15%	4,158.00
November	89.10	5.93%	112.00	7.45%	2,673.00
December	116.84	7.77%	224.00	14.90%	3,622.00
<b>2025</b>	<b>159.54</b>	<b>10.61%</b>	<b>456.00</b>	<b>30.33%</b>	<b>58,364.00</b>

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 (1,503.36 m<sup>3</sup>/day).

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

Raw Water Flowrate – Well 2	
Timeframe	Maximum Flowrate (L/sec)
January	17.10
February	16.70
March	16.90
April	16.70
May	16.50
June	16.40
July	16.33

<b>Raw Water Flowrate – Well 2</b>	
<b>Timeframe</b>	<b>Maximum Flowrate (L/sec)</b>
August	16.40
September	16.40
October	16.60
November	16.50
December	16.60
<b>2025</b>	<b>17.10</b>

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 #2 (17.4 L/sec).

**Table 9. Raw Water (Well 3) Monthly Average, Maximum Flow and Total Volume for 2025**

<b>Raw Water Flow – Well 3</b>					
<b>Timeframe</b>	<b>Average Flow (m<sup>3</sup>/day)</b>	<b>Percent of Allowable Volume</b>	<b>Maximum Flow (m<sup>3</sup>/day)</b>	<b>Percent of Allowable Volume</b>	<b>Total Volume (m<sup>3</sup>)</b>
January	288.68	17.68%	372.00	22.78%	8,949.00
February	284.43	17.42%	375.00	22.96%	7,964.00
March	303.45	18.58%	628.00	38.46%	9,407.00
April	310.07	18.99%	488.00	29.88%	9,302.00
May	427.52	26.18%	833.00	51.01%	13,253.00
June	556.70	34.09%	789.00	48.32%	16,701.00
July	583.10	35.71%	852.00	52.18%	18,076.00
August	487.32	29.84%	636.00	38.95%	15,107.00
September	453.60	27.78%	661.00	40.48%	13,608.00
October	370.65	22.70%	695.00	42.56%	11,490.00
November	275.00	16.84%	351.00	21.49%	8,250.00
December	295.42	18.09%	393.00	24.07%	9,158.00
<b>2025</b>	<b>386.33</b>	<b>23.66%</b>	<b>852.00</b>	<b>52.18%</b>	<b>141,265.00</b>

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 (1,632.96 m<sup>3</sup>/day).

**Table 10. Raw Water (Well 3) Annual and Monthly Maximum Flowrates for 2025**

<b>Raw Water Flowrate – Well 3</b>	
<b>Timeframe</b>	<b>Maximum Flowrate (L/sec)</b>
January	14.60
February	14.70

<b>Raw Water Flowrate – Well 3</b>	
<b>Timeframe</b>	<b>Maximum Flowrate (L/sec)</b>
March	17.50
April	17.50
May	19.30 <sup>10A</sup>
June	15.60
July	15.50
August	15.50
September	17.90
October	15.80
November	15.80
December	15.80
<b>2025</b>	<b>19.30<sup>10A</sup></b>

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 #3 (18.9 L/sec) with the exception of:

- <sup>10A</sup> May 5, 2025 – Flowrate exceedances were of short duration and as a result of well pump start-up

**Table 11. Raw Water (Well 4) Monthly Average, Maximum Flow and Total Volume for 2025**

<b>Raw Water Flow – Well 4</b>					
<b>Timeframe</b>	<b>Average Flow (m<sup>3</sup>/day)</b>	<b>Percent of Allowable Volume</b>	<b>Maximum Flow (m<sup>3</sup>/day)</b>	<b>Percent of Allowable Volume</b>	<b>Total Volume (m<sup>3</sup>)</b>
January	281.55	17.24%	364.00	22.29%	8,728.00
February	277.00	16.96%	365.00	22.35%	7,756.00
March	295.06	18.07%	610.00	37.36%	9,147.00
April	301.33	18.45%	474.00	29.03%	9,040.00
May	415.74	25.46%	810.00	49.60%	12,888.00
June	549.53	33.65%	787.00	48.19%	16,486.00
July	584.48	35.79%	857.00	52.48%	18,119.00
August	487.13	29.83%	639.00	39.13%	15,101.00
September	448.37	27.46%	659.00	40.36%	13,451.00
October	358.81	21.97%	683.00	41.83%	11,123.00
November	265.40	16.25%	340.00	20.82%	7,962.00
December	282.55	17.30%	369.00	22.60%	8,759.00
<b>2025</b>	<b>378.91</b>	<b>23.20%</b>	<b>857.00</b>	<b>52.48%</b>	<b>138,560.00</b>

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 #4 (1,632.96 m<sup>3</sup>/day).

**Table 12. Raw Water (Well 4) Annual and Monthly Maximum Flowrates for 2025**

Raw Water Flowrate – Well 4	
Timeframe	Maximum Flowrate (L/sec)
January	13.50
February	13.40
March	13.50
April	14.50
May	25.10 <sup>12A</sup>
June	14.60
July	14.60
August	14.50
September	14.50
October	14.40
November	14.50
December	14.60
<b>2025</b>	<b>25.10<sup>12A</sup></b>

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 #4 (18.9 L/sec) with the exception of:

- <sup>12A</sup> May 5, 2025 – Flowrate exceedances were a short duration as a result of well pump start-up

**Table 13. Combined Well (Well 1, Well 2, Well 3 & Well 4) Annual and Monthly Average, Maximum and Total Flow Volume for 2025**

Combined Well Flow (Well 1, Well 2, Well 3 & Well 4)					
Timeframe	Average Flow (m <sup>3</sup> /day)	Percent of Allowable Volume (2086.60 m <sup>3</sup> /day)	Maximum Flow (m <sup>3</sup> /day)	Percent of Allowable Volume (4695.30m <sup>3</sup> /day)	Total Volume (m <sup>3</sup> )
January	798.65	38.27%	1,035.00	22.04%	24,758.00
February	787.93	37.76%	1,028.00	21.89%	22,062.00
March	812.35	38.93%	1,523.00	32.44%	25,183.00
April	815.57	39.09%	1,222.00	26.03%	24,467.00
May	1,197.29	57.38%	2,511.00	53.48%	37,116.00
June	1,640.70	78.63%	2,313.00	49.26%	49,221.00
July	1,745.84	83.67%	2,522.00	53.71%	54,121.00
August	1,377.74	66.03%	1,755.00	37.38%	42,710.00

<b>Combined Well Flow (Well 1, Well 2, Well 3 &amp; Well 4)</b>					
<b>Timeframe</b>	<b>Average Flow (m<sup>3</sup>/day)</b>	<b>Percent of Allowable Volume (2086.60 m<sup>3</sup>/day)</b>	<b>Maximum Flow (m<sup>3</sup>/day)</b>	<b>Percent of Allowable Volume (4695.30m<sup>3</sup>/day)</b>	<b>Total Volume (m<sup>3</sup>)</b>
September	1,326.57	63.58%	1,985.00	42.28%	39,797.00
October	1,006.39	48.23%	1,975.00	42.06%	31,198.00
November	722.20	34.61%	907.00	19.32%	21,666.00
December	805.90	38.62%	1,050.00	22.36%	24,983.00
<b>2025</b>	<b>1,086.43</b>	<b>52.07%</b>	<b>2,522.00</b>	<b>53.71%</b>	<b>397,282.00</b>

A review of flow information for the reporting period indicates that the system operated within the PTTW's allowable limits for:

- The allowable annual average daily taking of water (2,086.60 m<sup>3</sup>/day), with a 2025 annual average of 1086.43 m<sup>3</sup>/day
- The maximum allowable daily taking of water from any combination of wells (4695.30 m<sup>3</sup>/day), with a 2025 maximum daily taking of 2,522.00 m<sup>3</sup>/day and;
- The allowable annual total water taking from any combination of wells (763,695.6 m<sup>3</sup>/year), with a 2025 total of 397,282.00 m<sup>3</sup> for the year