

# DEL TREND PUMP HOUSE

## 2025 SCHEDULE 22 SUMMARY REPORT

DEL TREND  
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>	220009149
<b>Drinking-Water System Name:</b>	Del Trend 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 July 4, 2025 for the period covering May 15, 2024 to July 4, 2025. On September 15, 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 Del Trend 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

<b>Municipal Drinking Water License (MDWL):</b>	128-105 (Issue Number: 3)
<b>Allowable Rated Capacity:</b>	1,074 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**

Treated Water Flow					
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	88.26	8.22%	99.00	9.22%	2,736.00
February	89.84	8.37%	98.00	9.12%	2,515.55
March	88.20	8.21%	97.00	9.03%	2,734.10
April	118.80	11.06%	458.00	42.64%	3,564.00
May	157.13	14.63%	242.00	22.53%	4,871.00
June	280.47	26.11%	407.00	37.90%	8,414.00
July	356.61	33.20%	547.00	50.93%	11,055.00
August	306.48	28.54%	436.00	40.60%	9,501.00
September	219.20	20.41%	323.00	30.07%	6,576.00
October	141.48	13.17%	628.00	58.47%	4,386.00
November	95.47	8.89%	120.00	11.17%	2,864.00
December	97.23	9.05%	112.00	10.43%	2,917.00
<b>2025</b>	<b>169.93</b>	<b>15.82%</b>	<b>628.00</b>	<b>58.47%</b>	<b>62,133.65</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 (1,074 m<sup>3</sup>/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

<b>Permit to Take Water Number (PTTW):</b>	5660-APNHY9
<b>Allowable Maximum Raw Water Volume - Well #1:</b>	466.56 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate - Well #1:</b>	324 L/min (5.4 L/sec)
<b>Allowable Maximum Volume of Raw Water - Well #2:</b>	466.56 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate – Well #2:</b>	324 L/min (5.4 L/sec)
<b>Allowable Maximum Volume of Raw Water - Well #3:</b>	786.24 m <sup>3</sup> /day
<b>Allowable Maximum Raw Water Flowrate – Well #3:</b>	546 L/min (9.1 L/sec)
<b>Allowable Maximum Daily Taking of Water from Any Combination of Wells:</b>	1,074.00 m <sup>3</sup> /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 4. Raw Water (Well #1) Monthly Average, Maximum Flow and Total Volume for 2025**

<b>Raw Water Flow – Well #1</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	2.02	0.43%	3.13	0.67%	8.07
February	2.35	0.50%	3.34	0.72%	9.40
March	36.75	7.88%	48.00	10.29%	808.39
April	51.20	10.97%	126.00	27.01%	1,536.00
May	73.10	15.67%	109.00	23.36%	2,266.00
June	21.82	4.68%	79.00	16.93%	240.00
July	161.27	34.57%	234.00	50.15%	4,838.00
August	143.42	30.74%	214.00	45.87%	4,446.00
September	38.14	8.18%	150.00	32.15%	267.00
October	38.06	8.16%	95.00	20.36%	609.00
November	42.60	9.13%	57.00	12.22%	1,278.00
December	36.11	7.74%	51.00	10.93%	650.00
<b>2025</b>	<b>53.90</b>	<b>11.55%</b>	<b>234.00</b>	<b>50.15%</b>	<b>16,955.86</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 (466.56 m<sup>3</sup>/day).

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

Raw Flowrate – Well #1	
Timeframe	Maximum Flowrate (L/sec)
January	5.86 <sup>5A</sup>
February	6.06 <sup>5B</sup>
March	5.71 <sup>5C</sup>
April	5.43 <sup>5D</sup>
May	5.47 <sup>5E</sup>
June	11.67 <sup>5F</sup>
July	5.14
August	5.05
September	4.86
October	5.15
November	5.16
December	5.14
<b>2025</b>	<b>11.67<sup>5F</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 (5.4 L/sec), with the exception of:

- <sup>5A</sup>January 21, 2025- Flowrate exceedances were of short duration and were a result of well pump start-up
- <sup>5B</sup>February 11, 2025 - Flowrate exceedances were of short duration and were a result of well pump start-up
- <sup>5C</sup>March 17, 2025- Flowrate exceedances were of short duration and were a result of well pump start-up
- <sup>5D</sup>April 14, 2025 - Flowrate exceedances were of short duration and were a result of well pump start-up
- <sup>5E</sup>May 20, 2025 - Flowrate exceedances were of short duration and were a result of well pump start-up
- <sup>5F</sup>June 6, 2025 - Flowrate exceedances were of short duration and were a result of well pump start-up

**Table 6. 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	2.32	0.50%	4.51	0.97%	9.27

<b>Raw Water Flow – Well #2</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>
February	2.49	0.53%	3.29	0.71%	9.97
March	37.38	8.01%	49.00	10.50%	822.44
April	52.37	11.22%	135.00	28.94%	1,571.00
May	74.45	15.96%	111.00	23.79%	2,308.00
June	22.74	4.87%	80.00	17.15%	250.10
July	166.43	35.67%	243.00	52.08%	4,993.00
August	147.61	31.64%	220.00	47.15%	4,576.00
September	39.00	8.36%	154.00	33.01%	273.00
October	39.50	8.47%	105.00	22.51%	632.00
November	43.67	9.36%	58.00	12.43%	1,310.00
December	37.00	7.93%	52.00	11.15%	666.00
<b>2025</b>	<b>55.41</b>	<b>11.88%</b>	<b>243.00</b>	<b>52.08%</b>	<b>17,420.78</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 (466.56 m<sup>3</sup>/day).

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

<b>Raw Water Flowrate – Well #2</b>	
<b>Timeframe</b>	<b>Maximum Flowrate (L/sec)</b>
January	5.37
February	5.27
March	5.19
April	4.90
May	4.86
June	11.67 <sup>7A</sup>
July	4.69
August	4.64
September	4.62
October	5.06
November	4.73
December	4.73
<b>2025</b>	<b>11.67<sup>7A</sup></b>

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 (5.4 L/sec), with the exception of:

- <sup>7A</sup>June 6, 2025 - Flowrate exceedances were of short duration and were a result of well pump start-up

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

Raw Water Flow – Well #3					
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	80.87	10.29%	101.00	12.85%	2,507.00
February	82.37	10.48%	101.00	12.85%	2,306.29
March	63.23	8.04%	102.00	12.97%	885.15
April	35.93	4.57%	193.00	24.55%	215.60
May	4.60	0.59%	8.00	1.02%	23.00
June	265.24	33.74%	370.00	47.06%	7,692.00
July	67.72	8.61%	231.00	29.38%	812.60
August	5.50	0.70%	7.00	0.89%	22.00
September	200.90	25.55%	288.00	36.63%	5,826.00
October	132.21	16.82%	399.00	50.75%	2,908.60
November	5.70	0.72%	7.70	0.98%	28.50
December	75.78	9.64%	107.00	13.61%	1,364.00
<b>2025</b>	<b>85.00</b>	<b>10.81%</b>	<b>399.00</b>	<b>50.75%</b>	<b>24,590.74</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 (786.24 m<sup>3</sup>/day).

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

Raw Water Flowrate – Well #3	
Timeframe	Maximum Flowrate (L/sec)
January	8.50
February	8.49
March	8.39
April	8.41
May	8.31
June	8.32
July	8.27
August	8.07
September	8.26
October	8.28

<b>Raw Water Flowrate – Well #3</b>	
<b>Timeframe</b>	<b>Maximum Flowrate (L/sec)</b>
November	8.19
December	8.34
<b>2025</b>	<b>8.50</b>

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 (9.1 L/sec).

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

<b>Combined Well Flow (Well #1, Well #2 &amp; 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	81.43	7.58%	101.00	9.40%	2,524.34
February	83.06	7.73%	101.00	9.40%	2,325.66
March	81.16	7.56%	102.00	9.50%	2,515.98
April	110.75	10.31%	454.00	42.27%	3,322.60
May	148.29	13.81%	221.00	20.58%	4,597.00
June	272.74	25.39%	402.00	37.43%	8,182.10
July	343.34	31.97%	551.00	51.30%	10,643.60
August	307.65	28.65%	434.00	40.41%	9,044.00
September	209.07	19.47%	288.00	26.82%	6,366.00
October	139.13	12.95%	599.00	55.77%	4,149.60
November	88.91	8.28%	115.00	10.71%	2,616.50
December	87.11	8.11%	108.00	10.06%	2,680.00
<b>2025</b>	<b>162.72</b>	<b>15.15%</b>	<b>599.00</b>	<b>55.77%</b>	<b>58,967.38</b>

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 (1,074.00 m<sup>3</sup>/day).