

**THE TOWN OF RAINY RIVER  
MUNICIPAL WATER SYSTEM  
SUMMARY REPORT  
O. Reg. 170/03, Schedule 22**

**For The Period:**

**January 1, 2025, to December 31, 2025**

**Received by Municipal Office February 10, 2026**

**Prepared For:**

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**Prepared February 10, 2026, By:**

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**Summary Report  
Rainy River Water System 2025**

**Drinking Water Works Permit # 296-201 – Dated January 10, 2021**

**Municipal Drinking Water Licence # 296-201 – Dated January 10, 2021**

**Permit to Take Water # 8271-BJJBC – Dated December 4, 2019**

**Rate of taking shall not exceed a maximum of 1,715 litres per  
minute and 2,473,024 litres per day.**

**Permit is valid until December 4, 2029**

All sampling and analysis requirements have been met for the year 2025 in accordance with Reg. 170/03.

Microbiological

Reg. 169/03  
Amended to O. Reg. 17/04

Volatile Organics

Reg. 169/03  
Amended to O. Reg. 17/04

Inorganics

Reg. 169/03  
Amended to O. Reg. 17/04

Pesticides and PCB

Reg. 169/03  
Amended to O. Reg. 17/04

Reporting, Notification and Corrective Action

	<b>NON-COMPLIANCE WITH REGULATORY REQUIREMENTS</b>	<b>ACTIONS REQUIRED</b>	<b>ACTIONS TAKEN</b>
1.			
2.			
3.			

## Capacity Assessment

The maximum rated capacity of the Plant is 28.6 L/S. In 2025, the maximum flow of water through the Water Treatment Plant was 20.27 L/S (i.e., 2,204 m<sup>3</sup> per day) or 27.03% under the rated capacity.

In 2025 the annual average daily flow was 7.32 L/S (i.e., 554 m<sup>3</sup> per day) or 26.35% of the capacity of the Plant.

Month	Flows	Highest Instantaneous Peak Flow	Average Daily Instantaneous Peak Flow	Percent of the Rated Capacity 28.6 L/S
January	10,647 m <sup>3</sup>	6.46 L/S	5.88 L/S	23 % of rated capacity
February	9,740 m <sup>3</sup>	6.64 L/S	5.97 L/S	24 % of rated capacity
March	10,037 m <sup>3</sup>	6.49 L/S	5.77 L/S	23 % of rated capacity
April	9,475 m <sup>3</sup>	14.47 L/S	6.04 L/S	52 % of rated capacity
May	10,488 m <sup>3</sup>	10.1 L/S	6.85 L/S	36 % of rated capacity
June	11,393 m <sup>3</sup>	14.9 L/S	9.19 L/S	53 % of rated capacity
July	12,132 m <sup>3</sup>	17.32 L/S	10.6 L/S	62 % of rated capacity
August	11,609 m <sup>3</sup>	15.49 L/S	10.5 L/S	55 % of rated capacity
September	10,922 m <sup>3</sup>	20.27 L/S	7.90 L/S	73 % of rated capacity
October	10,544 m <sup>3</sup>	9.57 L/S	6.43 L/S	34 % of rated capacity
November	9,417 m <sup>3</sup>	18.30 L/S	6.66 L/S	66 % of rated capacity
December	10,264 m <sup>3</sup>	7.40 L/S	6.07 L/S	26 % of rated capacity
Total Flows	126,668 m <sup>3</sup>		<u>Yearly Average Instantaneous Peak Flow</u>	
Average Monthly Flow	10,555 m <sup>3</sup>		7.32 L/S or 26.35 % of rated capacity	53% of the rated capacity

The total flow for 2025 was 126,668 m<sup>3</sup>. The average monthly flow for 2025 was 10,555 m<sup>3</sup>. The average daily instantaneous peak flow rate was 7.32 L/S which is 26.35% of the plant's rated capacity.

The highest daily instantaneous peak flow rate was 20.27 L/S (hydrant flushing). This instantaneous flow was 27.03% under the rated capacity of the plant.

Sodium results tested January 10, 2024	18.6 ug/L
Fluoride results tested January 17, 2025	< 0.020 ug/L
October 2025 running average for THM's was	49.22 ug/L