



Niagara Falls Water Treatment Plant

Regional Municipality of Niagara

2025 Summary Report

(Prepared under Ontario Regulation 170/03)

January 1 to December 31, 2025

Ministry of the Environment, Conservation and Parks

Municipal Drinking Water License # 007-102

Drinking Water Works Permit # 007-202

Niagara Falls Water Treatment Plant - 2025 Summary Report

This report summarizes the water flows for the Niagara Falls Water Treatment Plant, drinking water system number 220002084, from January 1 to December 31, 2025.

This report satisfies the requirements of Ontario Regulation 170/03 – Drinking Water Systems.

Inspection Rating

The Niagara Falls Water Treatment Plant was granted a 100% inspection rating during the 2025-2026 Ministry of Environment, Conservation and Parks annual drinking water system inspection.

Summary of Non-Compliance

The Niagara Falls Water Treatment Plant was operated in such a way that at no time did it fail to meet or exceed the requirements of the Safe Drinking Water Act, associated regulations, the system's approval or any order that may have been issued for this reporting period.

Summary of Water Treatment Plant Flows

The flow rates captured below are moments in time, and can be affected by various circumstances, such as pump changes or valve position. It is not unusual to have higher or lower than normal flows for this reason.

Month	Total Flow Raw (ML)	Total Flow Treated (ML)	Average Day Raw (ML)	Average Day Treated (ML)	Minimum Day Treated (ML)	Maximum Day Treated (ML)	Minimum Flow Rate Treated (ML/d)	Maximum Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Jan	1383.553	1280.483	44.631	41.306	35.961	46.508	5.655	70.566	1.474
Feb	1262.604	1164.135	45.093	41.576	34.758	44.789	5.386	61.913	3.599
Mar	1382.250	1277.898	44.589	41.223	34.407	44.789	6.411	73.763	0.000
Apr	1347.836	1244.188	44.928	41.473	37.531	45.320	16.613	69.028	2.862
May	1472.734	1356.218	47.508	43.749	39.187	48.281	10.370	69.338	2.125
Jun	1669.938	1556.836	55.665	51.895	43.518	60.727	18.103	81.047	1.301
Jul	1864.140	1738.703	60.134	56.087	49.109	63.898	6.353	84.403	1.908
Aug	1837.406	1723.453	59.271	55.595	45.359	69.735	13.425	92.972	1.604
Sep	1523.985	1435.664	50.800	47.855	41.094	57.446	9.902	75.000	2.428
Oct	1382.508	1306.891	44.597	42.158	39.008	49.227	12.315	61.256	1.301
Nov	1292.500	1205.031	43.083	40.168	36.149	48.133	4.376	66.113	1.821
Dec	1311.468	1233.875	42.305	39.802	35.821	45.007	9.009	70.022	0.130

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Total	17,730.922	16,523.375							20.553
Min					34.407		4.376		0.000
Max						69.735		92.972	3.599
Avg		1,376.95	48.55	45.24					1.713

Comparison of Actual to System Approved Flow

Flow rates are required by Municipal Drinking Water Licence number 007-102.

- Maximum daily flow: 145.500 ML
- Maximum flow rate: 145.500 ML/day

Month	Average Day Treated (ML)	% of Rated Capacity	Maximum Day Treated (ML)	% of Rated Capacity	Maximum Flow Rate Treated (ML/d)	% of Rated Capacity
Jan	41.306	28%	46.508	32%	70.566	49%
Feb	41.576	29%	44.789	31%	61.913	43%
Mar	41.223	28%	44.789	31%	73.763	51%
Apr	41.473	29%	45.320	31%	69.028	47%
May	43.749	30%	48.281	33%	69.338	48%
Jun	51.895	36%	60.727	42%	81.047	56%
Jul	56.087	39%	63.898	44%	84.403	58%
Aug	55.595	38%	69.735	48%	92.972	64%
Sep	47.855	33%	57.446	39%	75.000	52%
Oct	42.158	29%	49.227	34%	61.256	42%
Nov	40.168	28%	48.133	33%	66.113	45%
Dec	39.802	27%	45.007	31%	70.022	48%