



Grimsby 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

Grimsby Water Treatment Plant - 2025 Summary Report

This report summarizes the water flows for the Grimsby Water Treatment Plant, drinking water system number 220007150, from January 1 to December 31, 2025.

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

Inspection Rating

The Grimsby Water Treatment 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 Grimsby 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)	Max Day Treated (ML)	Min Day Treated (ML)	Max Flow Rate Treated (ML/d)	Min Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Jan	430.847	408.044	13.898	13.190	14.968	12.098	19.395	0.000	0.696
Feb	410.312	388.791	14.654	13.903	16.195	12.654	18.248	6.767	0.695
Mar	443.378	422.383	14.303	13.660	15.101	12.718	24.504	0.000	0.783
Apr	437.983	414.003	14.599	13.844	15.018	12.724	18.124	0.000	1.865
May	491.279	467.932	15.848	15.140	17.538	13.351	21.705	0.000	0.783
Jun	580.637	557.111	19.355	18.619	21.452	14.912	33.114	4.341	1.084
Jul	642.744	619.102	20.734	20.017	22.042	18.058	24.577	12.672	1.213
Aug	618.632	593.906	19.956	19.201	23.330	14.007	28.611	0.267	1.213
Sep	519.725	498.231	17.324	16.651	18.482	14.774	23.131	11.249	1.127
Oct	466.163	441.372	15.038	14.279	16.021	11.891	19.768	0.000	2.212
Nov	422.373	399.010	14.079	13.343	15.111	12.558	20.570	0.000	0.696
Dec	438.562	414.584	14.147	13.439	14.774	11.377	19.757	6.459	0.955

Month	Total Flow Raw (ML)	Total Flow Treated (ML)	Average Day Raw (ML)	Average Day Treated (ML)	Max Day Treated (ML)	Min Day Treated (ML)	Max Flow Rate Treated (ML/d)	Min Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Total	5,902.635	5,624.469							13.322
Min						11.377		0.000	0.695
Max					23.330		33.114		2.212
Avg			16.161	15.440					1.110

Comparison of Actual to System Approved Flow

Flow rates are required by Municipal Drinking Water Licence number 007-105.

- Maximum daily flow: 44.000 ML
- Maximum flow rate: 44.000 ML/day

Month	Average Day Treated (ML)	% of Rated Capacity	Max Day Treated (ML)	% of Rated Capacity	Max Flow Rate Treated (ML/d)	% of Rated Capacity
Jan	13.190	30%	14.968	34%	19.395	44%
Feb	13.903	32%	16.195	37%	18.248	41%
Mar	13.660	31%	15.101	34%	24.504	56%
Apr	13.844	31%	15.018	34%	18.124	41%
May	15.140	34%	17.538	40%	21.705	49%
Jun	18.619	42%	21.452	49%	33.114	75%
Jul	20.017	45%	22.042	50%	24.577	56%
Aug	19.201	44%	23.330	53%	28.611	65%
Sep	16.651	38%	18.482	42%	23.131	53%
Oct	14.279	32%	16.021	36%	19.768	45%
Nov	13.343	30%	15.111	34%	20.570	47%
Dec	13.439	31%	14.774	34%	19.757	45%