



DeCew 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

DeCew Falls Water Treatment Plant - 2025 Summary Report

This report summarizes the water flows for the DeCew Falls Water Treatment Plant, drinking water system number 220002066, from January 1 to December 31, 2025. This report satisfies the requirements of Ontario Regulation 170/03 – Drinking Water Systems.

Inspection Rating

The Decew 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 Decew 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)	Maximum Day Treated (ML)	Minimum Day Treated (ML)	Maximum Flow Rate Treated (ML/d)	Minimum Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Jan	1834.051	1666.730	59.163	53.765	58.446	48.400	76.287	27.288	0.477
Feb	1681.999	1529.838	60.071	54.637	67.968	50.635	83.352	28.071	0.607
Mar	1822.615	1658.811	58.794	53.510	58.275	50.666	79.170	27.782	3.425
Apr	1729.636	1567.917	57.655	52.264	54.933	50.151	77.088	22.675	3.079
May	1865.914	1690.731	60.191	54.540	60.835	50.304	80.235	26.491	6.677
Jun	2117.660	1965.511	70.589	65.517	79.881	57.906	101.285	33.608	0.737
Jul	2363.518	2197.732	76.243	70.895	80.253	58.632	104.406	39.321	0.867
Aug	2299.206	2151.555	74.168	69.405	87.019	56.918	112.852	36.806	0.780
Sep	1948.698	1838.381	64.957	61.279	69.675	54.244	98.133	35.333	6.679
Oct	1912.874	1757.378	61.706	56.690	62.777	52.193	99.855	23.346	2.082
Nov	1743.082	1561.089	58.103	52.036	56.016	48.426	77.016	20.797	7.458
Dec	1802.169	1598.393	58.134	51.561	56.565	47.077	82.212	21.999	0.822

Month	Total Flow Raw (ML)	Total Flow Treated (ML)	Average Day Raw (ML)	Average Day Treated (ML)	Maximum Day Treated (ML)	Minimum Day Treated (ML)	Maximum Flow Rate Treated (ML/d)	Minimum Flow Rate Treated (ML/d)	Total Waste Sludge (ML)
Total	23121.422	21184.066							33.690
Min						47.077		20.797	0.477
Max					87.019		112.852		7.458
Avg.			63.314	58.008					2.808

Comparison of Actual to System Approved Flow

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

- Maximum daily flow: 227.300 ML
- Maximum flow rate: 227.300 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	53.765	24%	58.446	26%	76.287	34%
Feb	54.637	24%	67.968	30%	83.352	37%
Mar	53.510	24%	58.275	26%	79.170	35%
Apr	52.264	23%	54.933	24%	77.088	34%
May	54.540	24%	60.835	27%	80.235	35%
Jun	65.517	29%	79.881	35%	101.285	45%
Jul	70.895	31%	80.253	35%	104.406	46%
Aug	69.405	31%	87.019	38%	112.852	50%
Sep	61.279	27%	69.675	31%	98.133	43%
Oct	56.690	25%	62.777	28%	99.855	44%
Nov	52.036	23%	56.016	25%	77.016	34%
Dec	51.561	23%	56.565	25%	82.212	36%