

Glen Echo Water Testing (September 2025)

Date: September 19, 2025

Weather: Sunny 74F HI 76F Low 56F, winds 9mph NW gusts 17mph
Dry no rain in 48hrs

Site	Depth (M)	Secchi (M)	Temp (C)	Temp (F)	RDO (mg/L)	pH	Cond. (uS/cm)	Turb. (NTU)	NO3 Mg/L-N
Dam	0.5		22.42	72	8.93	6.89	176.6	0.78	3.7
Dam	1.5		21.70	71	9.07	7.17	176.3	0.49	3.3
Dam	2.5		21.60	71	9.08	7.27	176.2	0.81	3.3
Dam	3.5		21.26	70	9.12	7.34	175.7	0.75	3.3
Dam	4	4.0	20.67	69	8.31	7.22	176.4	1.75	2.2
RT 31 Outlet	0.5		21.93	71	9.04	7.43	176.3	0.39	3.8
2 Sunset	0.5		21.85	71	9.11	7.48	176.1	0.64	3.5
83 Sunset	0.5		22.03	72	9.16	7.60	176.0	0.64	3.6
Narrows	0.5		21.85	71	9.15	7.61	176.0	0.95	3.4
Red Buoys Narrow	0.5		21.69	71	8.94	7.64	175.3	0.95	3.0
Jackie	0.5		21.85	71	8.98	7.61	176.3	0.69	3.1

	Secchi (M)	Temp.C	RDO mg/L	pH	uS/cm	NTU
Excellent Readings	> 4.5	<25.0	>= 6	6.5 – 8.0	<120	0-1.0
Good Readings	3 to 4.5	<= 27	5 to 6	6.5 - 8.5	>120.1	1.1.—5.0
Fair Readings	1.2 to 3	<= 28.3	4 to 5	6.0 - 9.0	>240	5.1-- 10
Poor Readings	< 1.2	>28.3	<4	<6.0, >9.0	>360	>10

Secchi and Turbidity (NTU) – Measure of the cloudiness in the water, can be caused by soil erosion, run-off, waste discharge, algal growth, boat traffic and pollen.

Temperature (C) – Measure of the temperature of water which has an impact on the dissolved oxygen, weed and algal growth, and the fish.

Dissolved oxygen (mg/L) – Measure of dissolved oxygen, colder water holds more oxygen, fish become stressed at levels below 4mg/L. At 10C – 11.3 mg/L, at 30C – 7.5mg/L

pH - Measure of the acid/alkaline relationship in a water body.

Conductivity (uS/cm) – Measure of dissolved inorganic solids such as road salt, fertilizers, or contaminants from a failed septic system.

