

Tuesday Pond General Biological Survey (#:521022)
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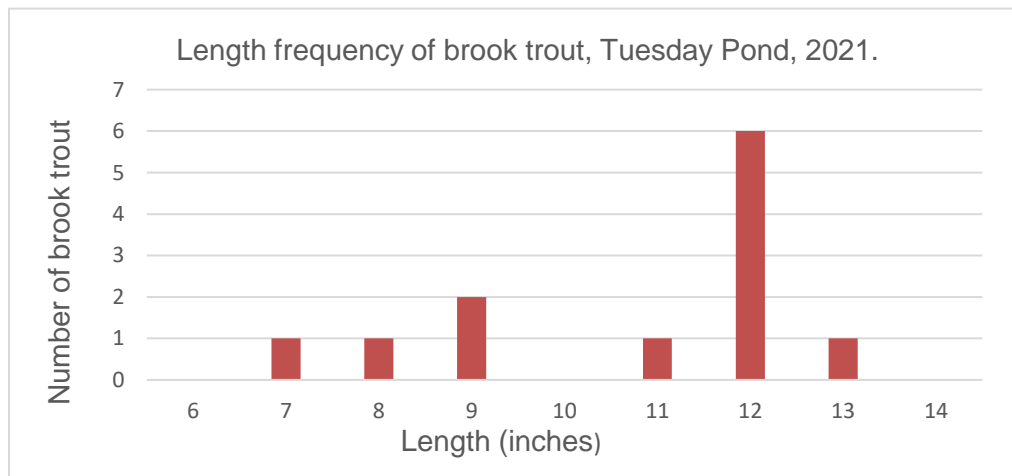
Tuesday Pond (SC-P155) is a 4-acre lake in the Saint Regis Canoe Area of Franklin County. It has been stocked annually with brook trout since it was reclaimed in 1953 and was last surveyed by the Adirondack Lakes Survey Corporation (ALSC) 37 years ago, in 1984. The current annual stocking policy is for 200 Temiscamie x Domestic hybrid brook trout. The maximum depth is 22 feet, the mean depth is 9.8 feet, and dissolved oxygen sufficient for trout was present to a depth of 16 feet.

Table 1. Tuesday Pond water chemistry variables, 2021.

Year	Depth (feet)	Air Equilibrated pH (pH units)	Acid Neutralizing Capacity ($\mu\text{eq/L}$)	Conductivity ($\mu\text{mhos/cm}$)	Silica mg L^{-1}
2021	5	6.58	28.8	9.3	0.87
	18	6.50	25.8	11.3	1.76

The acid/base water chemistry here has notably improved since the 1984 ALSC survey. The air equilibrated pH is more than a full pH point higher and the ANC has improved by 18 $\mu\text{eq/L}$. The conductivity has decreased from 17 to 9 $\mu\text{mhos/cm}$, but this was not unexpected as it can occur when some Adirondack waters are recovering from acidity issues.

In May of 2021, a single Swedish experimental gill net, a 30-foot minnow net, and a minnow trap were set overnight. A total of 12 brook trout were collected during the survey, and Tuesday Pond remains a brook trout monoculture, the reclamation has now remained effective for at least 68 years. The average length of a Tuesday Pond brook trout in 2021 was 11.2 inches. No fish over 14 inches were collected. The trout appeared to be in excellent condition and there were signs of heavy angler use in this small remote water. A subset of trout was aged by scale analysis, and the fish here exhibit good growth. It is likely that the number of larger fish is limited by the angling pressure.



The current stocking policy for 200 Temiscamie x Domestic hybrid brook trout fingerlings annually is providing a nice fishery and should be continued.

