

Henry Lake

Henry Lake is a 77-acre lake located in Hassan Township. Because the maximum depth of the lake is only 1.5 m (5 feet), the entire lake area is considered littoral zone. Additionally, because of the lake's shallowness it does not maintain a thermocline.

This marks the fourth year that Henry Lake has been involved in CAMP. Other than the 1995 and 2005-2007 CAMP data, a search through the STORET nationwide water quality database yielded no additional information. The lake was monitored six times between early-May and mid-October, 2006.

The lake's 2007 grade was a D, similar to previous year's grades. Because so little water quality data is available for Henry Lake it is not possible to determine any long-term or short-term trends. To better understand the lake's water quality and where it may be heading, additional years of data collection are needed.

The average user perception rankings were 3.4 for physical condition (between 3 - definite algal color and 4 - high algal color), and 4.8 for recreational suitability (between 4 - no swimming, boating ok and 5 - no aesthetics possible).

Henry Lake 2007 Summer (May-September) Data Summary

<i>Parameter</i>	<i>Mean</i>	<i>Minimum</i>	<i>Maximum</i>	<i>Grade</i>
TP ($\mu\text{g/l}$)	168.8	75.0	244.0	F
CLA ($\mu\text{g/l}$)	32.9	6.7	61.0	C
Secchi (m)	0.9	0.5	1.1	D
TKN (mg/l)	1.82	1.40	2.30	
			Overall Grade	D

