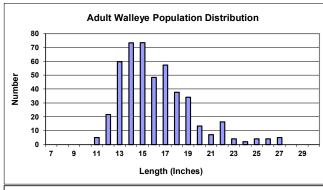


WISCONSIN DNR FISHERIES INFORMATION SHEET

LAKE: SAND L COUNTY: ONEIDA YEAR: 2022

The Wisconsin Department of Natural Resources (DNR) surveyed Sand Lake in Oneida County between May 1-5, 2022 to assess the status of the Walleye population. Sand Lake is a stained, soft water drainage lake with predominately sand and gravel substrates and some muck. The lake has a surface area of 540 acres, 4.9 miles of shoreline and a maximum depth of 25 feet. Sand Lake's Walleye population has been sustained through natural reproduction. However, supplemental stocking began in 2022. The Muskellunge population is maintained through stocking.



* Note: Adult Walleye are defined as all sexable Walleye (regardless of length) and those of unknown sex \geq 15 inches in length.

Walleye



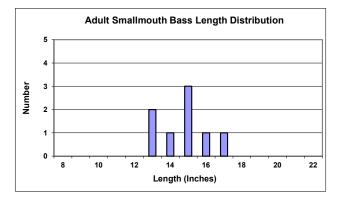
During five days of Walleye-targeted fyke netting, 253 adult Walleye were captured and marked with a fin clip. A crew then sampled with an electrofishing boat and caught 42 adult Walleye. During electrofishing, 40% (17 of 42) of Walleye caught bore the fin clip applied during fyke netting. Based on those results, Sand Lake was estimated to contain 466 adult Walleye (0.9/acre).

An estimated 66% of adult Walleye were 15 inches or longer. The largest Walleye caught was a 27.7-inch female.

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Smallmouth Bass

Smallmouth Bass were not a primary target during the survey of Sand Lake, as sampling occurred prior to peak Smallmouth spawning. Eight adult Smallmouth Bass eight inches or larger were caught, and 75% were 14 inches or longer, the largest measuring 17.2 inches.





Largemouth Bass



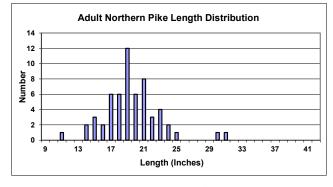
Largemouth Bass were also not a primary target during the survey of Sand Lake. Two adult Largemouth Bass eight inches or larger were caught, the largest measuring 15.7 inches.

Northern Pike



Survey sampling resulted in the catch of 58 adult Northern Pike. Two (3%) of those pike were greater than 26 inches long, the largest being a 31.1-inch female.

* Note: Adult Northern Pike are defined as all sexable Northern Pike and those of unknown sex > 12 inches in length.

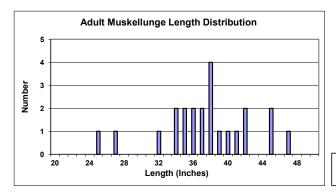


Muskellunge



During fyke netting and electrofishing sampling, 24 adult Muskellunge were caught. Of the adult Muskellunge, 29% (7 of 24) were 40 inches or longer, with the largest being a 47.8-inch female. Additionally, one juvenile Muskellunge (25.2") was also caught.

* Note: Adult Muskellunge are defined as all sexable Muskellunge and those of unknown sex \geq 30 inches lin length.



Other Species

In addition to the gamefish mentioned above, fyke netting and electrofishing sampling efforts in Sand Lake resulted in the catch of 10 pan- and non-gamefish species. Black Crappie and Yellow Perch were common in survey catches. Other species caught included Bluegill, Golden Shiner, Logperch, Pumpkinseed, Rock Bass, White Sucker, Black Bullhead and Yellow Bullhead.

A creel survey will be conducted on Sand Lake throughout the 22-23 fishing season, in which a creel clerk will count and interview anglers and examine their catch. The information gathered will be used to estimate angler fishing effort, catch and harvest.

Table 1. General Fishing Regulations for Sand Lake, Oneida County, 2022-23

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 7 - March 5	3	15" min. length, 20-24" no harvest slot, 1 fish over 24" allowed
*Largemouth Bass (harvest season)	May 7 - March 5	5 in total with SMB	14 inches
*Smallmouth Bass (harvest season)	June 18 - March 5	5 in total with LMB; harvest season only	14 inches
Muskellunge	May 28 - Dec. 31 (on open water)	1	40 inches
Northern Pike	May 7 - March 5	5	None

^{*}Catch and release fishing is allowed year-round for Largemouth and Smallmouth Bass

A summary of selected fishing regulations for Sand Lake is included above (Table 1). While the regulatory information provided was current at the time the surveys were conducted, it is not comprehensive and should not be used as a substitute for the current fishing regulation pamphlet. You may obtain a copy of current fishing regulations when you purchase your fishing license, or download a copy from the <u>DNR's Fishing Regulations page</u>.

This, and other spring survey summaries, can be found on the DNR's Spring Fisheries Surveys in Northern Wisconsin page.

2022-23 creel survey results for Sand Lake will be posted on the DNR's Ceded Territory Creel Survey Reports page.

For questions about this survey, or the results within, contact:

Lawrence Eslinger, Treaty Fisheries Biologist Wisconsin Department of Natural Resources 8770 Highway J Woodruff, WI 54568

(715) 356-5211 Ext. 209 Email: Lawrence.Eslinger@Wisconsin.gov For answers to questions about fisheries management activities and plans for Sand Lake, Oneida County, contact:

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Rhinelander, WI 54501 Cell: 715-525-2898

Email: Nathaniel.Lederman@Wisconsin.gov

Drafted: January 2023 By: Mark Love