



**WHITE LAKE** Property Owners Association  
Preservation Project



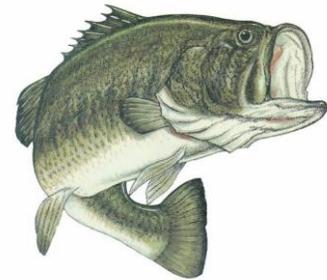
## **ENVIRONMENT BULLETIN**

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# **White Lake Fisheries**

**June 25, 2021**

The health of the White Lake fishery is important to the economic wellbeing of area merchants and service suppliers. In this bulletin, we report on the work of the Ministry of Natural Resources Forestry monitoring of the fishery of White Lake.



The Broad-scale Fisheries Monitoring program was created by MNR to evaluate Ontario's fisheries on a broad level. Broad-scale monitoring includes the collection of detailed information about fish species and fish communities, physical and chemical water characteristics, aquatic invasive species, and fishing effort for each lake surveyed. Once every 5 years, information is collected in a standardized way from a representative number of lakes in each Fisheries Monitoring Zone. The number of lakes included in the program is sufficient for managing and reporting on fisheries in each zone, but represents a relatively small percentage of the total number of lakes in Ontario. For White Lake, the first sampling cycle of the program occurred in 2008, and was repeated in 2014, and, more recently, in 2019.

The Broad-scale Fisheries Monitoring program is designed to:

- describe the distribution, amount, and diversity of fishes in Ontario
- estimate the current state and changes over time of Ontario's fisheries
- identify natural and human-caused stresses affecting fisheries
- provide reports on the state of fisheries and aquatic environments in Ontario

The program provides MNR biologists with additional benefits and opportunities to gather information on the biodiversity and health of aquatic environments. It includes monitoring the spread of aquatic invasive species, collecting genetic samples for researchers, gathering climate change data, sampling fish for contaminants for the

Ministry of the Environment Conservation and Park's Guide to Eating Ontario Sport Fish, and collecting samples for the monitoring of water quality in surveyed lakes.

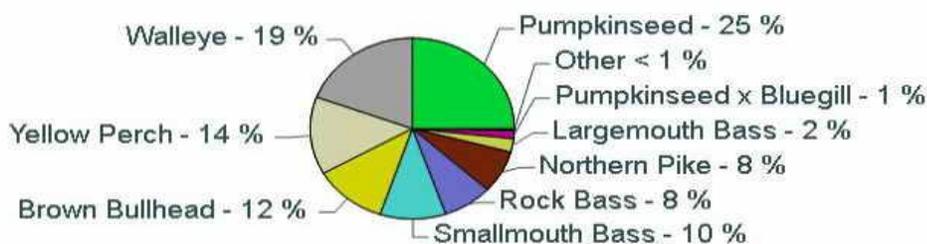
The last full report entitled *Zone Summary for Fisheries Management Zone 18; Cycle 1: 2008-2012* can be [downloaded](#) from the White Lake Science and Information [website](#). This 150-page document contains a wealth of information about the fisheries in Zone 18 lakes including White Lake. A lake synopsis data sheet for White Lake was published as part of this effort and is reproduced in our [2020 Water Quality Monitoring Report](#).

The fish netting results for 2019 are presented below. Summaries for the 2008 and 2014 surveys can also be found on the White Lake Science and Information [website](#).

### Fish Netting Results: August 26 to September 5, 2019

Fish species	Total catch %	Maximum length (cm)	Minimum length (cm)	Average length (cm)
Pumpkinseed	25	34.1	1.2	20.7
Walleye	19	63.8	24.1	40.7
Yellow Perch	14	34.9	13.3	22.0
Brown Bullhead	12	37.8	23.5	33.1
Smallmouth Bass	10	46.2	12.6	33.3
Rock Bass	8	23.1	9.8	15.4
Northern Pike	8	66.5	33.6	51.2
Largemouth Bass	2	38.9	11.4	27.5
Pumpkinseed x Bluegill	1	22.4	20.4	21.3
Golden Shiner	< 1	15.9	15.9	15.9
White Sucker	< 1	49.8	49.8	49.8

Proportion of fish caught in large mesh nets



More information on the Broad-scale Fisheries monitoring program can be obtained at: <https://www.ontario.ca/page/broad-scale-monitoring-program>. Reports for each of the three study years can be obtained on the [FishOnline](#) website. In the search box on the site enter the White Lake waterbody ID 18-3808-50183.