



# LAKE TRANQUILITY

## FISHERIES STATUS SUMMARY

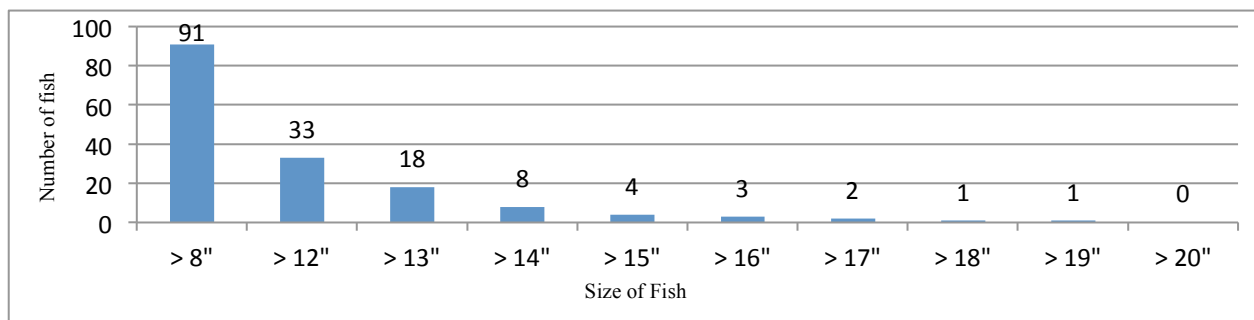
**LOCATION** – Located in northeastern Illinois, ½ mile west of Antioch in Lake County, IL.

**DESCRIPTION** – Lake Tranquility was constructed by dredging channels through a wetland in 1940-41. The lake is owned by the Village of Antioch (Pederson Park) and Heron Harbor HOA. Lake Tranquility is 26.7 acres; shoreline length 2.5 miles; watershed 608 acres (23 to 1); maximum depth 10 feet; average depth 4.5 feet. This is a no motor lake. Access to the lake is through Pederson Park. Parking and outhouses are available on the public park but no other amenities are available. No fish cleaning station is available.

**MANAGEMENT ACTIVITIES:** Management on Lake Tranquility has been minimal over the years because of its proximity to the Fox Chain O Lakes and the restrictive access. Nearly half of the lake is owned by the Heron Harbor HOA. There is little information available relative to Lake Tranquility’s stocking history or plant management but because half of it is privately owned some herbicide use is suspected.

**STATUS OF THE SPORT FISHERY** – The fish species present in Lake Tranquility mirror those found in the Fox Chain O Lakes system and are consistent with backwater and wetland species. Below is a brief description of catchable game species in this water body.

**LARGEMOUTH BASS** – In 2017, 109 bass were collected in 75 minutes of electrofishing (once around the lake). These fish measured 5” to 19”, and weighed up to 3.4 lbs. 91 fish were > 8”, 33 were > 12”, 8 were > 14” and 1 fish exceeded 19” long. This size structure suggests good reproduction and success to maturity (12” long). Having an abundant bass population promotes quality panfish populations and good fishing.



**BLUEGILL** – In 2017, 89 Bluegill were collected. They ranged from 1.6” to 7.7” long; 56 (63% of the sample) attained 6”, 29 (32% of the sample) were 7” long but no bluegill were collected over 8” long.

**BLACK and WHITE CRAPPIE** – 8 Black and White Crappie were collected in 2017. Fish measured from 5.9” to 13.7”, and weighed up to 1.3 lbs.; most crappie were around 10” long but one white crappie exceeded 13.5” long.

**ADDITIONAL FISH SPECIES:** Approximately 15 species live in this small, fertile impoundment. The species present, their sizes and proportion collected can be seen in the below table:

Lake Tranquility 06/01/2017  
 (75 minutes DC electrofishing )

Species	Number	Relative Abundance (%)	Minimum (inches)	Average (inches)	Maximum (inches)
LARGEMOUTH BASS	109	40.8	5.0	10.4	19.2
BLUEGILL	89	33.3	1.6	6.1	7.7
COMMON CARP	38	14.2	23.9	24.1	24.3
GOLDEN SHINER	5	1.9	3.0	5.5	8.1
BLACK CRAPPIE	4	1.5	5.9	8.7	10.1
WHITE CRAPPIE	4	1.5	9.0	10.7	13.7
WARMOUTH	4	1.5	5.0	6.1	6.9
YELLOW BULLHEAD	3	1.1	10.4	11.6	12.8
YELLOW PERCH	3	1.1	7.7	8.7	9.8
PUMPKINSEED SUNFISH	2	0.7	5.4	5.9	6.5
YELLOW BASS	2	0.7	9.6	9.7	9.8
NORTHERN PIKE	1	0.4		21.9	
BROOK SILVERSIDE	1	0.4		3.0	
BLACKSTRIPED TOPMINNOW	1	0.4		2.6	
BOWFIN	1	0.4		21.5	
<b>SPECIES= 15    TOTAL=</b>	<b>267</b>	<b>100.0</b>			

**FISHING REGULATIONS** – Statewide fishing regulations apply at this lake (see current Illinois Fishing Information booklet and IFISHILLINOIS website <http://www.ifishillinois.org/> for specific details), **Unless Posted as Local Ordinance.**

**CONTACT INFORMATION** – Village of Antioch: 847/395-1000.  
 IDNR District Fisheries Biologist: 815/675-2319.

**Lake Tranquility Map**

