



# LAKE CARINA

## LAKE COUNTY FOREST PRESERVE DISTRICT FISHERIES STATUS SUMMARY

**LOCATION** – Located in south of the Village of Gurnee, IL, west of I94 and south of Rt. 21 in Lake County.

**DESCRIPTION** – Lake Carina is owned by the Lake County Forest Preserve District. It is an old borrow pit first dug in 1957 while Interstate 94 was constructed. The Lake County Forest Preserve District took ownership of the lake and property around it in about 2000. Lake Carina is 22.7 acres; shoreline length 0.9 miles; watershed 45.8 acres (2 to 1); maximum depth 21 feet; average depth 13.8 feet. This is a no-boat lake. Pit toilets and a fishing pier are on the premises.

**MANAGEMENT ACTIVITIES:** Periodic fish surveys are conducted to assess the development of the fishery. Since Lake Carina is a steep sided lake there are very few issues with aquatic plants, If any, the lack of vegetation is a problem.

**STATUS OF THE SPORT FISHERY** – Lake Carina receives very little stocking attention. The species mix is such that fish reproduce on their own. Below is a brief description of catchable game species in this water body.

**LARGEMOUTH BASS** – In 2017, 17 largemouth bass were collected in 20 minutes of DC electrofishing. Fish measured 4.1” to 16.7, and weighed up to 2.3 lbs. 50% of the bass were >12” and 25% were > 15” (legal length). This size structure will maintain and slowly expand the bass population through natural reproduction.

**BLUEGILL** – In 2017, 95 bluegill were collected while sampling for 20 minutes. Fish ranged from 1.8” to 6.5” long. Only 1.5% of the sample exceeded 6”. The lack of vegetation and clear water makes this lake difficult for bluegill who grow. Bluegill grow fastest in fertile systems with lots of invertebrates and a reasonable amount of aquatic vegetation.

### CATCH SUMMARY:

Lake Carina Catch Summary                      5/24/2017  
( 20 minutes DC electrofishing )

Species	Number	Relative Abundance (%)	Minimum (inches)	Average (inches)	Maximum (inches)
LARGEMOUTH BASS	17	14.8	4.1	8.0	16.7
BLUEGILL	95	82.6	1.8	3.8	6.5
WARMOUTH	2	1.7	8.0	8.5	9.0
BLUNTNOSE MINNOW	1	0.9	0.0	2.4	0.0
<b>SPECIES = 4    TOTAL =</b>	<b>115</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).

Additional Site Specific fishing regulations:

Boaters – No Boats allowed

All fish species - Two pole and line fishing only.

Largemouth Bass – 15” minimum length limit; 1 fish daily creel limit.

**CONTACT INFORMATION** – Lake County Forest Preserve District: 847/367-6640.  
IDNR Fisheries County Fish Biologist: 815/675-2319.

### Lake Carina Map

