



Anna City Lake

2024 FISHERIES STATUS SUMMARY

LOCATION: Anna City Lake is located in Anna, IL in Union County. The lake is located within Anna City Park.

DESCRIPTION: Anna City Lake is a 3-acre pond managed for recreational fishing. The perimeter of the pond is mowed often to provide easy access for anglers. The lake is largely devoid of complex fish habitat, such as aquatic plants and fallen trees.

STATUS OF THE SPORT FISHERY – Anna City Lake is primarily managed to provide a multispecies fishery for Bluegill and Redear Sunfish, Largemouth Bass, and Channel Catfish. Ideally, the lake would contain quality-size Bluegill and Redear, in addition to an abundance of Channel Catfish for anglers to harvest. However, all fish species appear to grow poorly in Anna City Lake currently. Nearly all aquatic plants and algae seem to have died out during 2020 due to unknown reasons. Consequently, there is now less production at the bottom of the food web, leading to slower fish growth. Future site visits and surveys will be performed to monitor any changes in aquatic vegetation and the fish community. The following information on game fish is based on a 10-minute community electrofishing survey conducted during fall of 2022 by IDNR. The next electrofishing survey is scheduled for fall of 2025.

Bluegill – During the 2022 fall survey, only 22 Bluegill were collected, ranging in length from 1.7 to 7.1 inches. Body condition continues to be very poor at 79, which is well below the management goal of 90 and indicates poor growth. In summary, Bluegill growth appears to be stunted but the population does not seem overabundant.

Redear Sunfish – A total of 14 Redear were collected during the fall survey, ranging in length from 2.4 to 9.5 inches. Body condition was better than Bluegill at 85 but was still below the management goal of 90. Redear have an advantage over Bluegill as they can feed on mollusks (aquatic snails and clams), while Bluegill cannot. In summary, Redear growth is slightly better than Bluegill.

Largemouth Bass – A total of 34 Largemouth Bass were collected during the 10-minute electrofishing survey. The high bass catch rate of 204/hour is considered desirable for a small pond where quality panfish are desired. Bass ranged in length from 5.2 to 12.1 inches. Body condition was relatively good for a small pond at 94. In summary, the Largemouth Bass population is acceptable for a small pond managed for Bluegill and Redear. The goal is to have an abundance of small bass that thin the Bluegill and Redear population to improve their growth rates.

Channel Catfish – No Channel Catfish was collected during the survey. Two were observed while electrofishing but not captured. IDNR began annual stockings of Channel Catfish during 2020. This fishery should continue to develop as annual stockings continue.

Current vs. Recommended Fishing regulations:

Species	CURRENT REGULATIONS	
	Creel Limit	Minimum Length Limit
Channel Catfish	6	none
Bluegill or Redear Sunfish	10	8 inches
Largemouth Bass	3	15 inches
All Fish	2 Pole and Line Fishing Only	

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