



LAKE KAKUSHA

FISHERIES STATUS SUMMARY

LOCATION –

DESCRIPTION – Lake Kakusha is a 53-acre lake located on just off Illinois Route 251. Lake Kakusha is owned by the city of Mendota and the Fishery is managed by the Illinois Department of Natural Resources Fishery Division. Lake Kakusha has one boat ramp, but the lake has a no gas motor regulation.

MANAGEMENT ACTIVITIES - The fishery is managed by annual species-specific surveys, regulations, and stocking.

STATUS OF THE SPORT FISHERY – Lake Kakusha receives an annual stocking of Channel catfish, and Largemouth bass.

Largemouth Bass:

Lake Kakusha has a history of an up and down Largemouth bass populations. A study done by the Illinois History Survey in the 2000's showed that Largemouth population can be dependent on stockings of Largemouth bass fingerlings. The current population is representative of a population that has issues with recruitment. Stocking of advanced fingerlings has helped to increase bass numbers. More years of stocking will be required to further the Bass numbers. Removal of Common carp will help to increase water clarity which could help to increase aquatic vegetation that will help bass young of year survival.

<u>1.Management Plan Fall: Goal</u>		<u>2018</u>	<u>2021</u>	<u>2022</u>
# Stock (200mm)	>100	21	21	16
PSD (95% CI)	40-60	95	57(26)	75(37)
RSD 15	10-20	67	33	44
RSD 18	0-10	38	0	13

2.Fall diurnal DC electrofishing CPUE (fish/hr) of each length group of Largemouth bass collected at Lake Kakusha

<u>Year</u>	<u><8</u>	<u>8-12</u>	<u>12.1-15</u>	<u>15.1-20</u>	<u>> 20</u>	<u>Total</u>
2018	6.0	2.0	12.0	20.0	8.0	48.0
2021	22.0	18.0	10.0	14.0	0.0	64.0
2022	8.0	8.0	10.0	12.0	2.0	40.0

Bluegill:

The 2022 sample showed a Bluegill population that is rebounding from numbers in the 2018 sample. 2022 had increased numbers in the larger 6–8-inch range which will benefit anglers. Common Carp and Black Crappie competition will be the issues for this population going forward. Removal efforts of Common carp will continue in the future. Aquatic Vegetation will need to return to some of this lake to provide additional food resources for Bluegill.

<u>1.Management Plan:</u>	<u>Goal:</u>	<u>2018</u>	<u>2021</u>	<u>2022</u>
#Stock(80mm)	>100	27	125	178
PSD (95% CI)	20-60	48	5(4)	22(6)

RSD 7	10-15	11	0	0
RSD 8	0-10	0	0	0

2. Fall diurnal DC electrofishing CPUE (fish/hr) of each length group of Bluegill collected at Lake Kakusha

<u>Year</u>	<u><3</u>	<u>3.1-6</u>	<u>6.1-8</u>	<u>8.1-10</u>	<u>Total</u>
2018	0.0	28.0	26.0	0.0	54.0
2021	68.0	238.0	12.0	0.0	318.0
2022	12.0	278.0	78.0	0.0	368.0

Crappie:

Black crappie are present in Lake Kakusha. Previous years indicated a very dense slow growing population of Black Crappie.

Other Species:

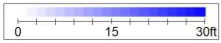
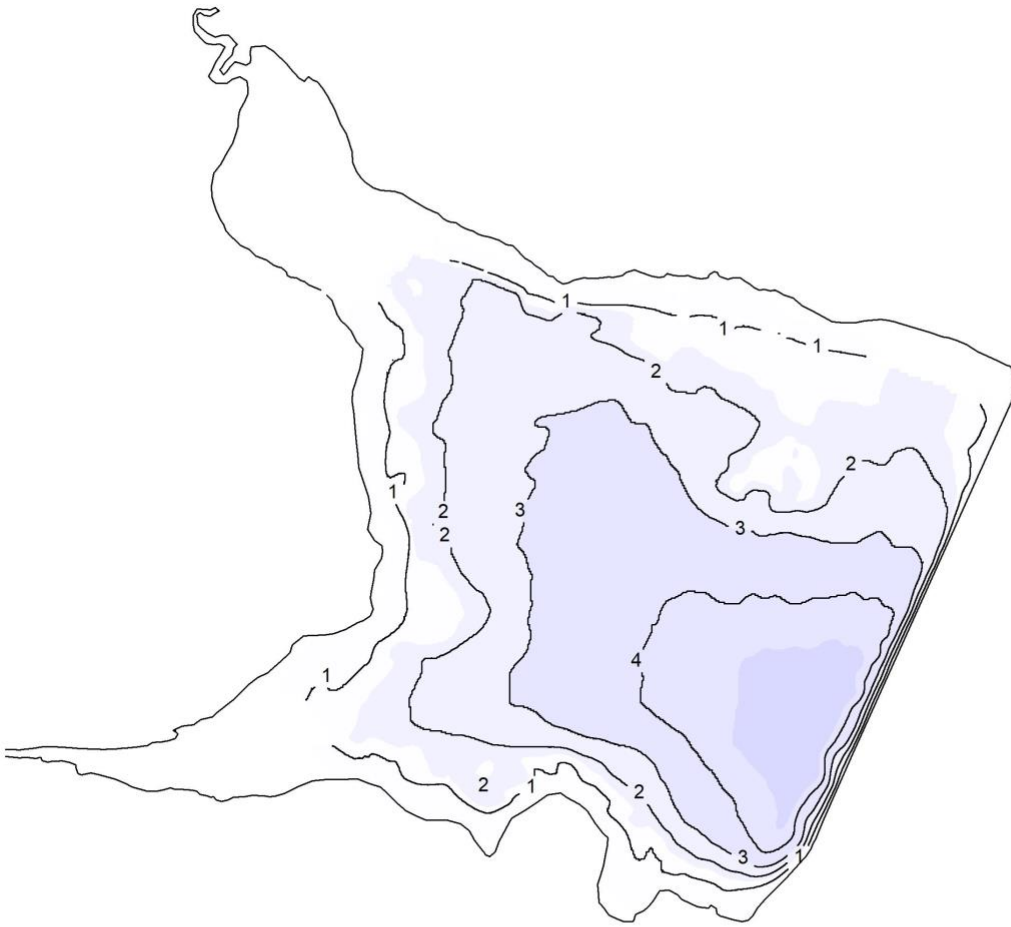
Other species present at Lake Kakusha are Channel catfish, Green sunfish and Common carp

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:

- All Fish 2 Pole and Line Fishing Only
- Large or Smallmouth Bass 3 Fish Daily Creel Limit over 14 inches
- Bluegill or Redear Sunfish Statewide Regulations
- Channel Catfish 6 Fish Daily Creel Limit
- White, Black, or Hybrid Crappie 25 Fish Daily Creel Limit (No Minimum length limit)

CONTACT INFORMATION – Mendota Park District: 815-539-7287
IDNR Fisheries County Biologist: 630-360-4185



KaKusha 2022
Mapping by AutoChart