

CHISAGO COUNTY 2018 BOW FISHING TOURNAMENT



Many lakes in the Chisago Lakes area have abundant carp populations. Carp feeding can agitate lake sediments, which may lead to phosphorus release into the water column and subsequent increases in algae growth. Carp can also disrupt the growth of native aquatic vegetation. Common carp prefer to spawn in seasonally flooded basins, particularly waterbodies that experience winterkill. This condition negatively impacts the native fish community,

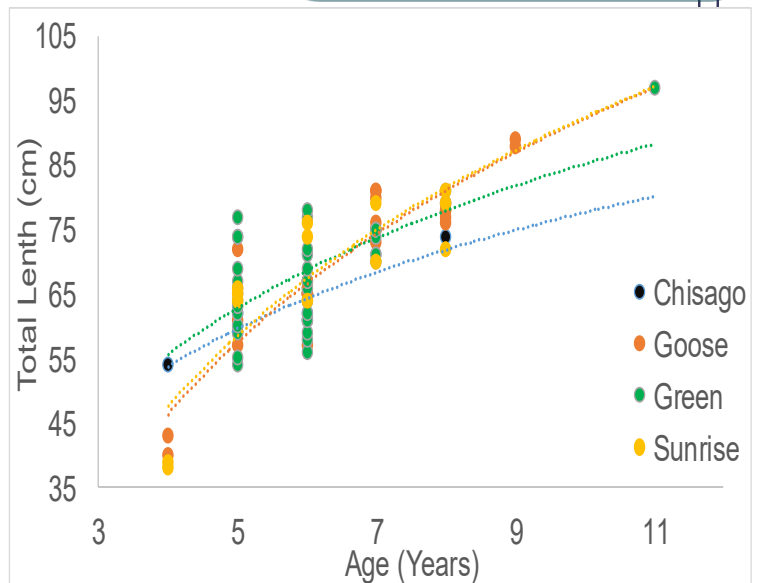
Partners:

- Frankie's Live Bait & Marine
- Chisago Lakes Lions Club
- Chisago Lakes LID
- Emmons & Olivier Resources, Inc.
- Minnesota Department of Natural Resources
- Saint Mary's University
- University of MN / Carp Solutions

thereby minimizing predation of their eggs and fry by native fishes such as sunfish and bowfin.

The Chisago Lakes Lake Improvement District (LID) continues to support and coordinate with the annual Frankie's Marine and Chisago Lakes Lions Club Bow Fishing Tournament to reduce carp populations and collect data. EOR staff, LID, and area lake association volunteers collected data on carp brought to the tournament weigh-in at Frankie's Live Bait & Marine on June 2, 2018. A total of 219 carp were harvested during the tournament. All carp were measured for weight and total length, and scales were collected for age analysis. Based on recommendations from the 2017 tournament, the carp harvested in 2018 were separated from each lake for ease in data comparison between tournaments. Based on fish scale age estimates from 94 carp harvested, most of the carp harvested were aged between 5 and 8 years, consistent with previous tournaments.

Saint Mary's University performed the aging and data analysis and provided a final report to the LID Board of Directors.



LAKE IMPROVEMENT DISTRICT