

Carp Management in Dane County

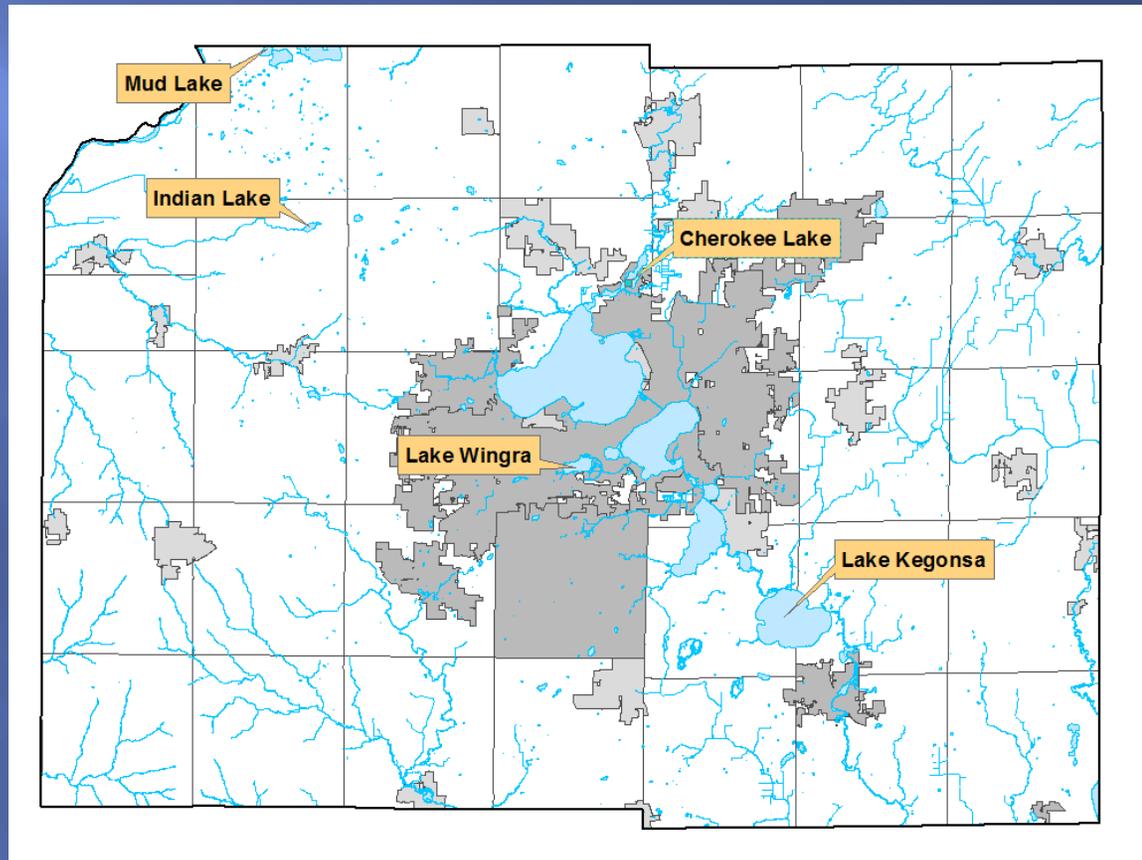


January 2015

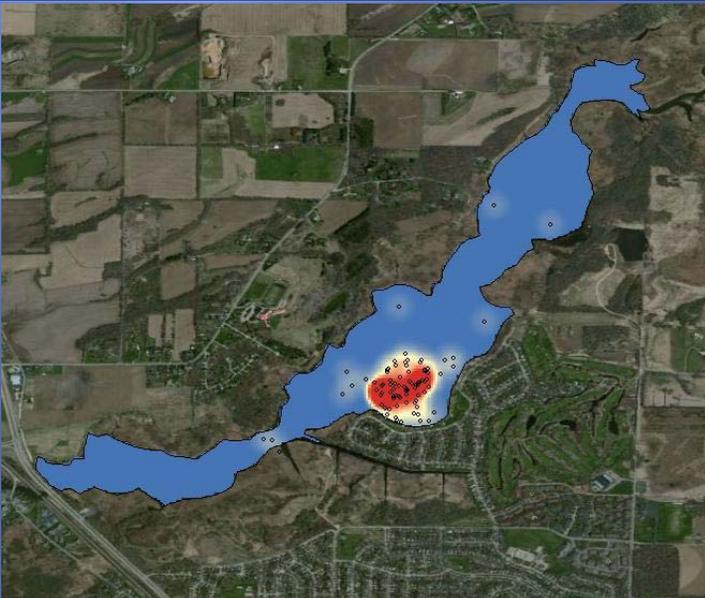
Dane County Land & Water Resources Department

Carp Management Locations

- ▣ Lake Wingra - Lessons Learned
- ▣ Cherokee Lake
- ▣ Indian Lake
- ▣ Mud Lake
- ▣ Lake Kegonsa



Telemetry=Fish Locations



Commercial Harvest on Cherokee Lake



Markets for Carp

East Coast Fish Markets



Protein Supplement
for Pet Food



Indian Lake

- ▣ History of winterkill conditions
- ▣ Extremely poor water quality conditions since 2010
- ▣ Desire to move from algae/turbid state to a plant dominated system
- ▣ Restoration of sport fish and enhance aquatic plant community
- ▣ Post project management
- ▣ Similar fishery to Stewart Lake



Indian Lake Chemical Treatment Zones



Legend

2010 Air Photos (WROC)

1: 10,519

Notes

0.3 0 0.17 0.3 Miles

NAD_1983_HARN_Wisconsin_TM
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Anticipated Timeline

Mud Lake

- ▣ Completed Lake Management Plan
- ▣ Fisheries survey in 2015
- ▣ Potential Rotenone in 2016

Lake Kegonsa

- ▣ Implant 20-30 carp in fall 2015
- ▣ Determine congregations of fish in winter/spring 2016
- ▣ Determine funding source and commence removal 2016/2017

Considerations

- ❑ Water body size and structure
- ❑ Commercially Fish, Rotenone, other...
- ❑ Fish marketability (size structure, season, prices, ability to incentivize)
- ❑ Study design, implementation costs, staff time
- ❑ Post removal monitoring, stocking, plant management

