BOG CONTROL PROJECT

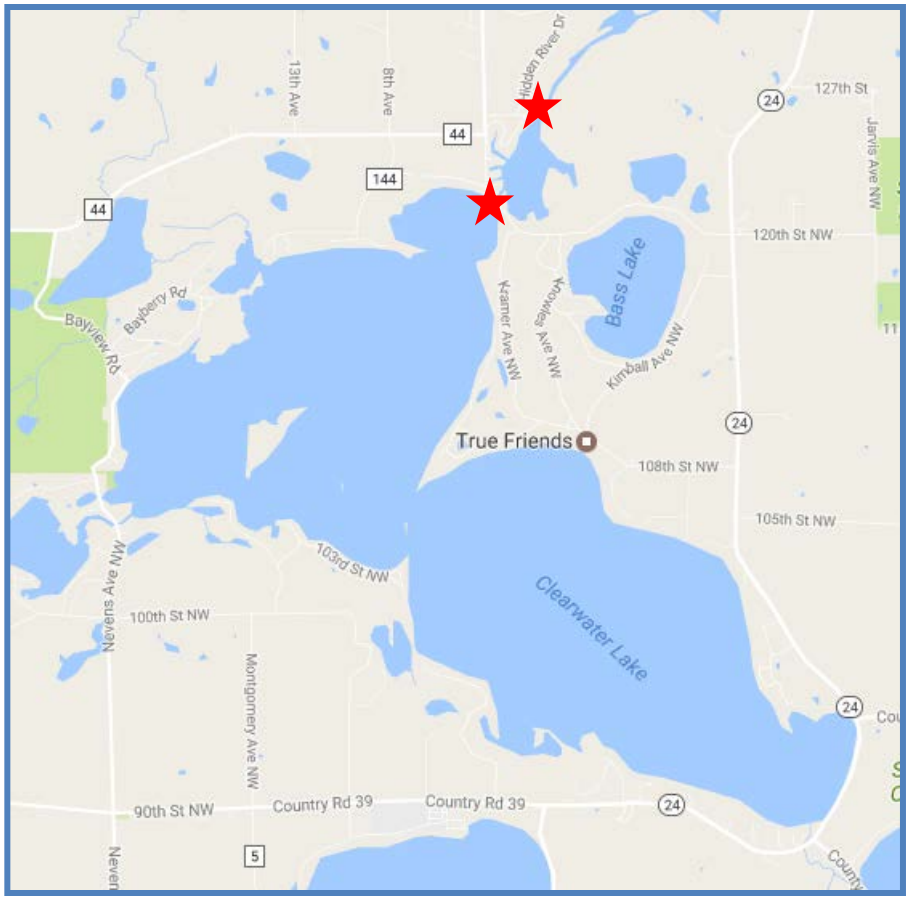
UPSTREAM WATER QUALITY ACTIVITIES

June 3, 2017

Clearwater River
WATERSHED DISTRICT

Bog Control Project | Clearwater and Grass Lakes

- Guided by CRWD Policy
- Goal is to minimize flooding events caused by blocked river flow; primarily at two “choke points”
- Dedicated fund covers costs of bog control
  - Funded by special assessments against benefitted properties



Recent Water Quality Activities

- Kingston Wetland underwent major restoration work in 2013
  - Improved aquatic habitat
  - Addressed dissolved oxygen impairment
  - Maintained wetland's phosphorus treatment
  - Addressed soluble phosphorus exportation
  - Partially funded by US EPA (Section 319) grant via the MPCA

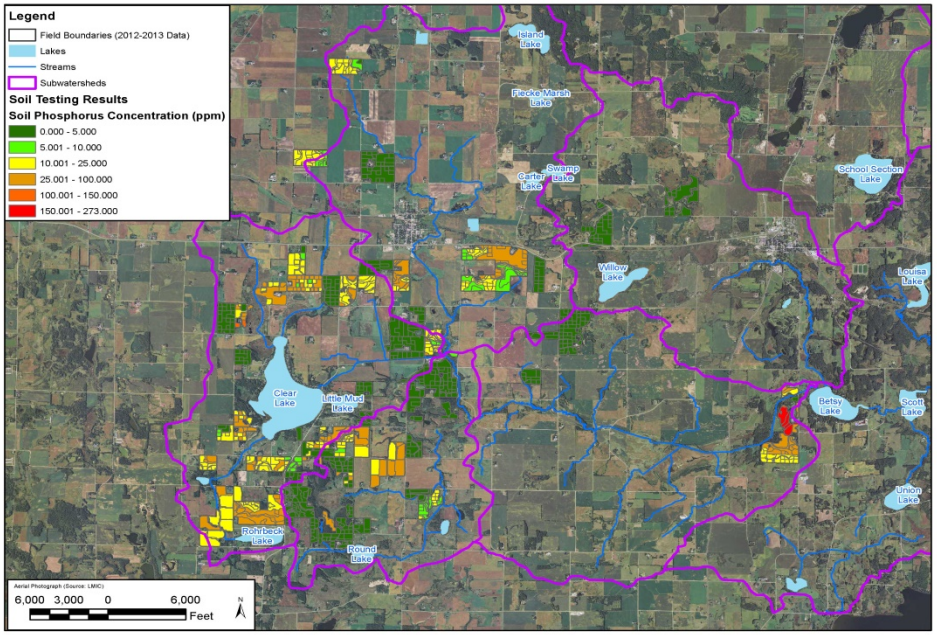
Recent Water Quality Activities

- City of Kimball Stormwater Treatment
  - Improved aquatic habitat
  - Lowered exportation of nutrients downstream
  - Partially funded by grant from MN BWSR

CLEAN WATER LAND & LEGACY AMENDMENT

Recent Water Quality Activities

- Targeted Fertilizer Project
  - Increased use of precision soil testing and fertilizer application
  - Lowered amount of phosphorus fertilizer application to sensitive areas
  - Partially funded by US EPA (Section 319) grant via the MPCA

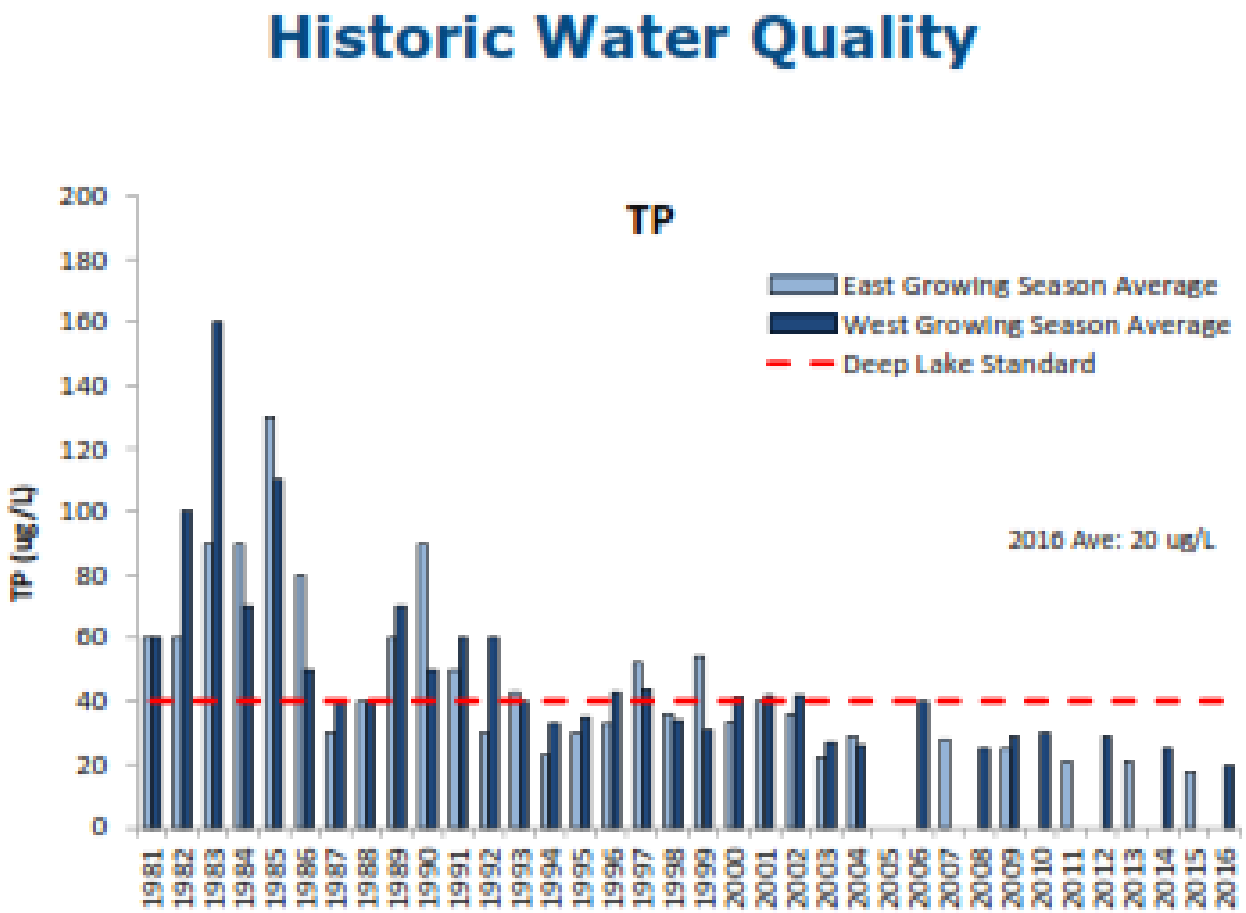


Ongoing operation & maintenance

- Repairs to infrastructure
  - Ex. berm breaches, sedimentation cleanout, reset culverts
- Rough fish control
- Vegetation management
- Water quality monitoring

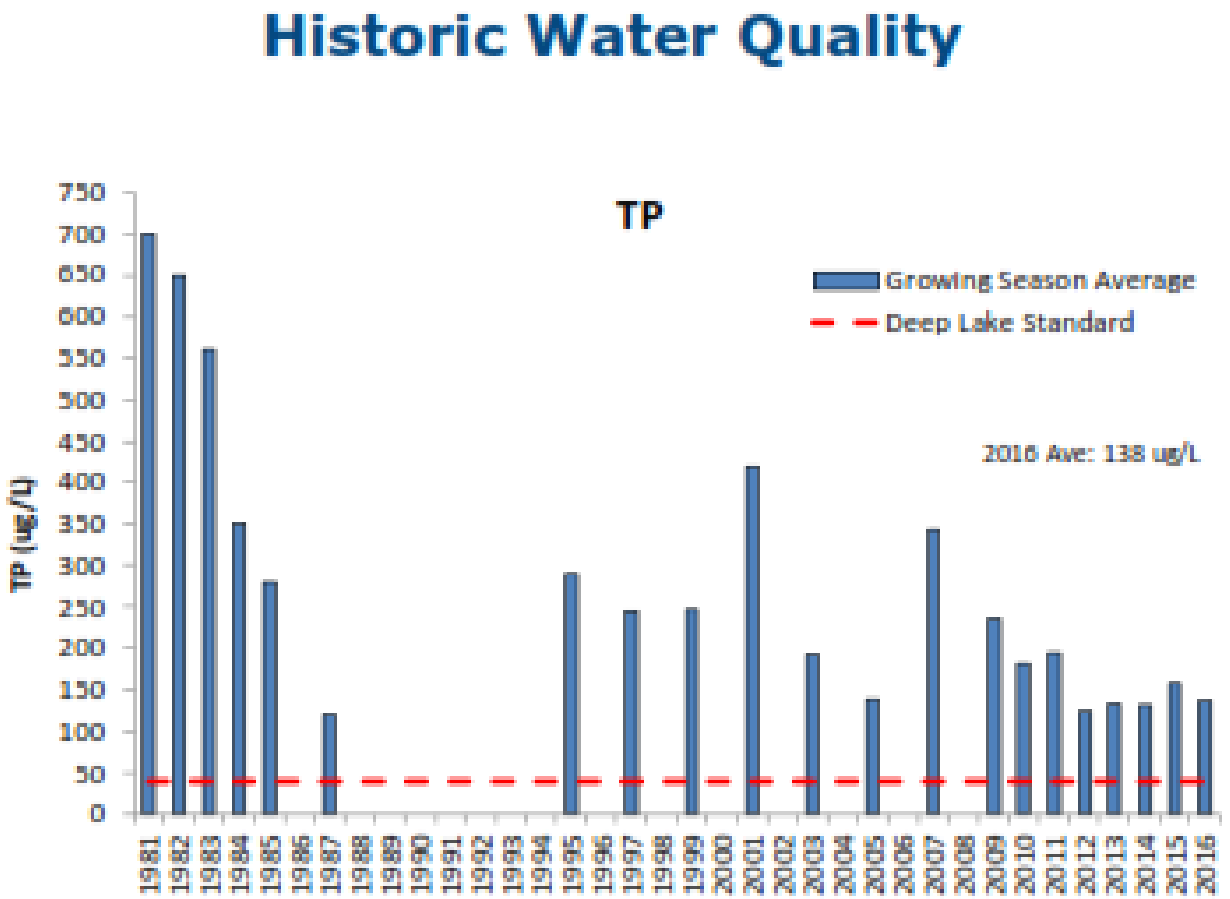
Continuing Water Quality Improvements

- Clearwater Lake



Continuing Water Quality Improvements

- Lake Betsy
  - South



Questions?

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