

# CAC Meeting

## 11/15/2022

# CAC Meeting Agenda

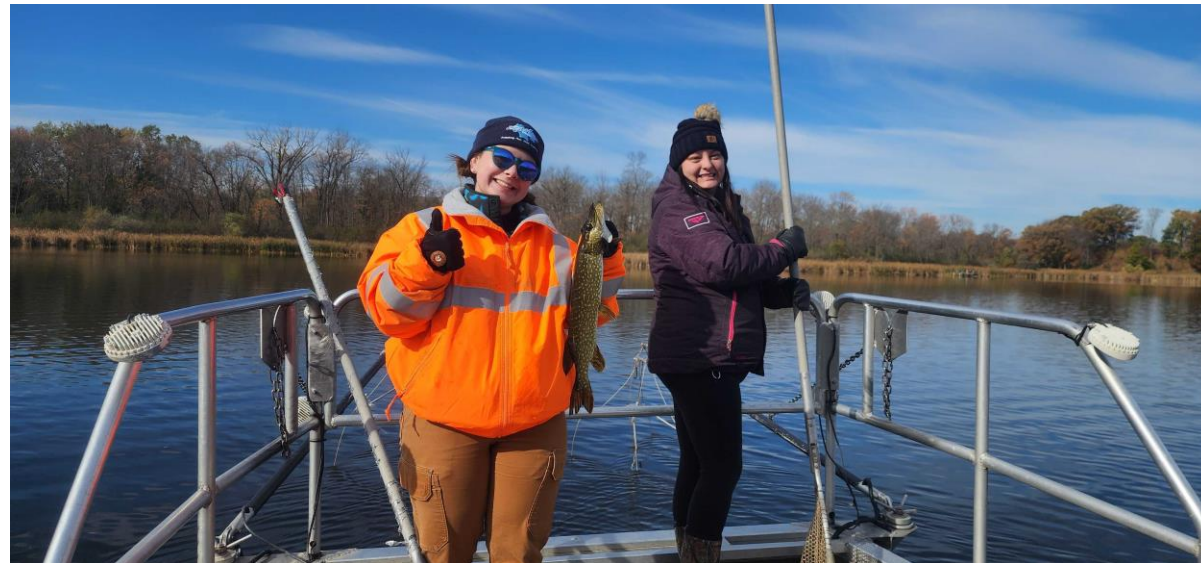


- 1. Watershed Update** *[District Staff – Aidan Read]*
- 2. Shoreline program update** *[District Staff]*
- 3. Chloride discussion continued** *[District Staff]*
- 4. 2023 Calendar and goal setting** *[Committee]*
- 5. Review of chair schedule and closing** *[Committee]*

# WD Activities

## District Highlights

- Co Rd 50 IESF
  - Fall phase completion 11/15
- WJD 6 Wetland
  - Wetland delineation complete, review by TEP in November
- Fall O&M complete
  - Stop logs removed from Bone Lake & Bixby park



# Dates to Remember

- **Thursday, November 17<sup>th</sup> –  
Regular Board Meeting**
- **Tuesday, December 6<sup>th</sup> –  
December CAC meeting**



*Note: At this time all meetings of the Board  
remain virtual.*

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# Shoreline Program Update



- Increased Budget (\$40k for 2023)
- Developing tiered cost-share pilot for approval this winter
- Continuing program development
- Workshops
  - Residents & Contractors
- Lake Association Programming
  - How to avoid overusing LAs

# iTree and Shoreline Trees Overview

CAC meeting 11/15/2022

# Canopy assessment

## Location Information

Canopy & Impervious (High Resolution UTC)

Dataset	Type	Name	ID	Area		Canopy		Impervious		Plantable Space	
				acre	% of all	acre	%	acre	%	acre	%
NLCD 2011	Watershed (HUC12)	N/A	Forest lake	10,732.7	31.00	1,717.1	21.06	436.7	5.36	5,997.9	73.58
NLCD 2011	Watershed (HUC12)	N/A	Comfort Lake	10,756.9	31.07	1,582.3	15.55	696.1	6.84	7,897.3	77.61
NLCD 2011	Watershed (HUC12)	N/A	Bone Lake	13,127.5	37.92	1,727.3	14.06	113.3	0.92	10,448.6	85.02
<b>Selection Total:</b>				34,617.1	100.00	5,026.7	16.42	1,246.0	4.07	24,343.8	79.51

## Tree Benefits

Hydrology Quantity (High Resolution UTC)

Dataset	Type	Name	ID	Transpiration (MG/yr)	Rainfall Interception (MG/yr)	Avoided Runoff (MG/yr)	Avoided Runoff (\$/yr)
NLCD 2011	Watershed (HUC12)	N/A	Forest lake	212.2	127.6	12.3	109,765
NLCD 2011	Watershed (HUC12)	N/A	Comfort Lake	167.6	55.5	3.9	34,657
NLCD 2011	Watershed (HUC12)	N/A	Bone Lake	172.9	104.0	1.7	15,398
<b>Selection Total:</b>				552.7	287.2	17.9	159,820

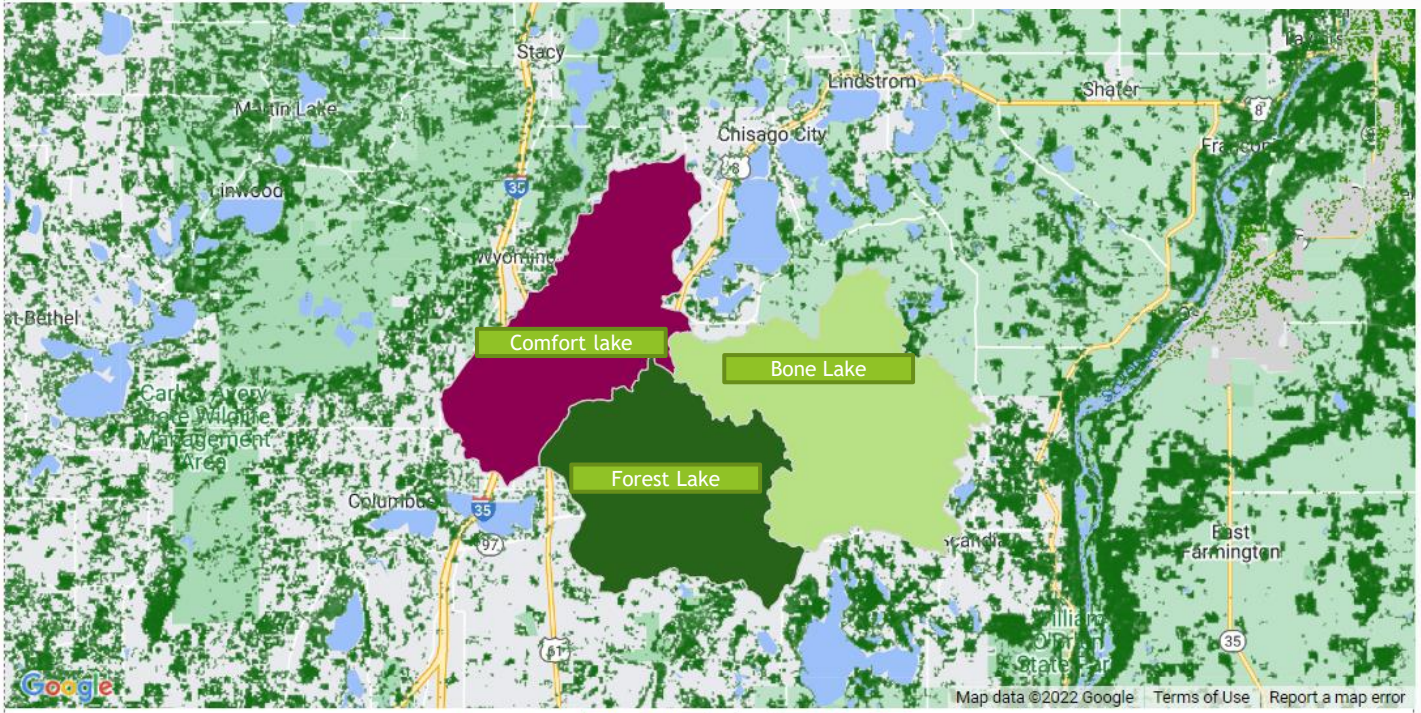


# Canopy Assessment

## Prioritization

rainfall interception (High Resolution UTC)

Type	ID	Highlight	Priority Index
Watershed (HUC12)	Bone Lake	<input type="checkbox"/>	33
Watershed (HUC12)	Forest Lake	<input type="checkbox"/>	0
Watershed (HUC12)	Comfort lake	<input type="checkbox"/>	100



Legend: min max

# Ideas for Tree Plantings

- ▶ Want to do a community tree event
  - ▶ Partner with Chisago SWCD and Washington Conservation District on their tree planting event that are hosted in the spring
  - ▶ Offer free or greatly reduced trees (with cost share or grant funding) to residents in priority areas to plant in shoreline impact zones

# CAC Input for Tree Planting

- ▶ We want your input! How could we get the community involved in something like this?

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- Outreach to LGUs
  - Forest Lake Public Works Estimates 50% reduction in salt use.
- Social media campaign
- MPCA Smart Salting for Local Leaders
  - 12/05 11am – 1pm virtually

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# 2023 Calendar



- Proposal:
  - Tuesdays @5pm
    - Hybrid option as possible?
    - Week in-between board meetings

# 2023 Goal Setting



- What would the CAC like to accomplish in 2023?
  - \$5k budget for CAC initiatives
- Events?
- Membership?
- Projects?



# Proposed CAC chair schedule

- December 6<sup>th</sup>- Vacant
- January 17<sup>th</sup>\* – Vacant
- February 14<sup>th</sup>\* – Vacant