



Minneapolis  
Park & Recreation Board

# Cedar-Isles CAC Meeting #4 *Resiliency*

Monday, January 25<sup>th</sup>, 2021



**CAC Member**

Win Rockwell, Chair

Adam Braun

Agleska Cohen-Recountre

Nan Dreher

Anna Eleria

Eric Gangl

Laura Kinkead

Alice Lehman

Drew McGovern

Jim Romlin

Aaron Shaffer

Ben Surma

Lilia Theisen

**Appointed by**

Commissioner Cowgill

Selection Committee

Commissioner Meyer

Selection Committee

Commissioner Musich

Selection Committee

Selection Committee

Commissioner Vetaw

Commissioner French

Selection Committee

Selection Committee

Commissioner Bourn

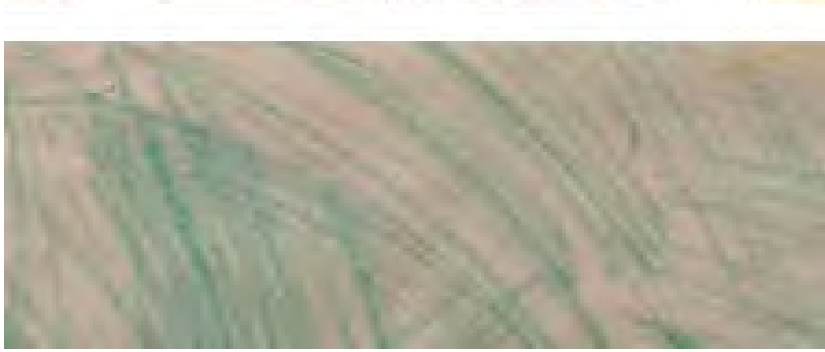
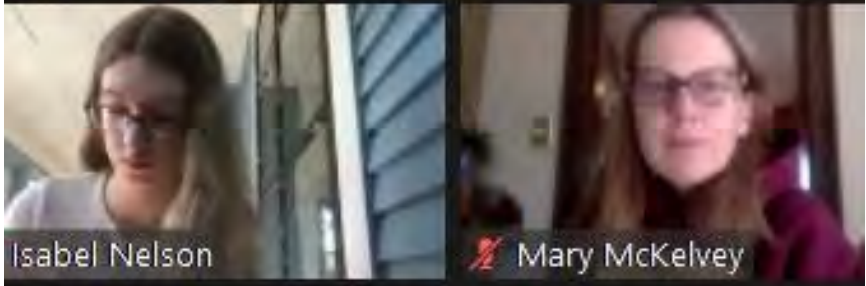
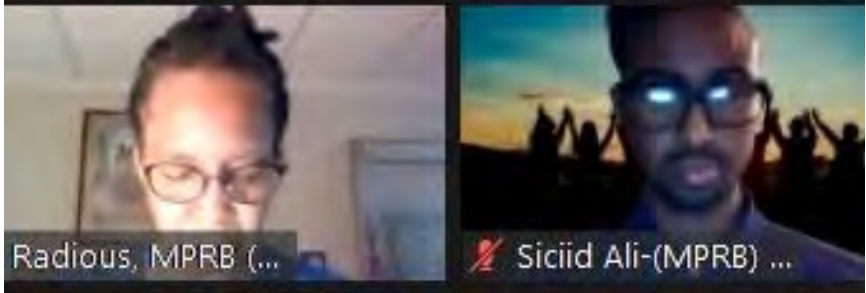
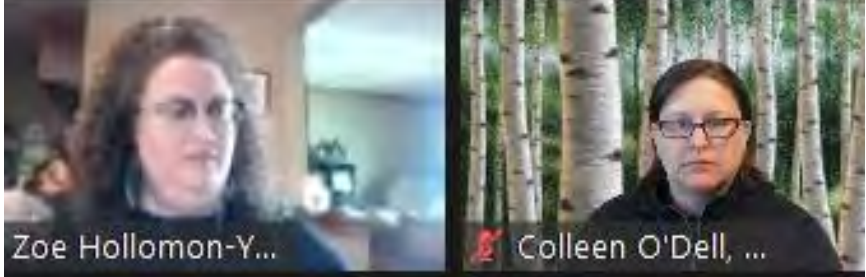
Selection Committee

# Land Acknowledgement

We collectively acknowledge that the Minneapolis Park and Recreation Board system is located on the traditional, ancestral, and contemporary lands of Indigenous people. This land holds great historical, spiritual, and personal significance for its original stewards, the Native nations and peoples of this region.

We also acknowledge that restrictive covenants were used to deny Black, Indigenous, Asian and in some cases Jewish individuals access to property in surrounding neighborhoods. This had an impact on who was and was not officially welcome in this area.

Illustrations by Marlena Myles

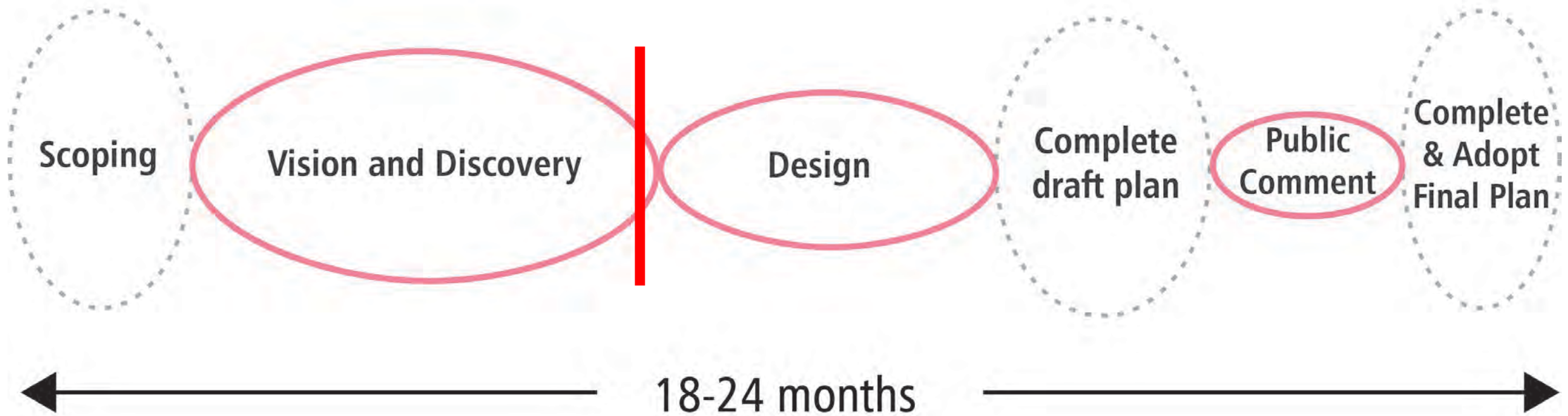




# Community Advisory Committee Meetings

Provide space for the Community Advisory Committee members to receive information about the master planning process, ask questions, and discuss issues together. Ultimately, meetings will also be a place to decide on formal recommendations for the master plan.

# Master Plan Process



# Agenda

6:00-6:20pm Welcome & Intro

6:20-6:35pm Public Comment

6:35-6:45pm Resiliency Overview

6:45-8:00pm CAC Discussion

# CAC Group Agreement

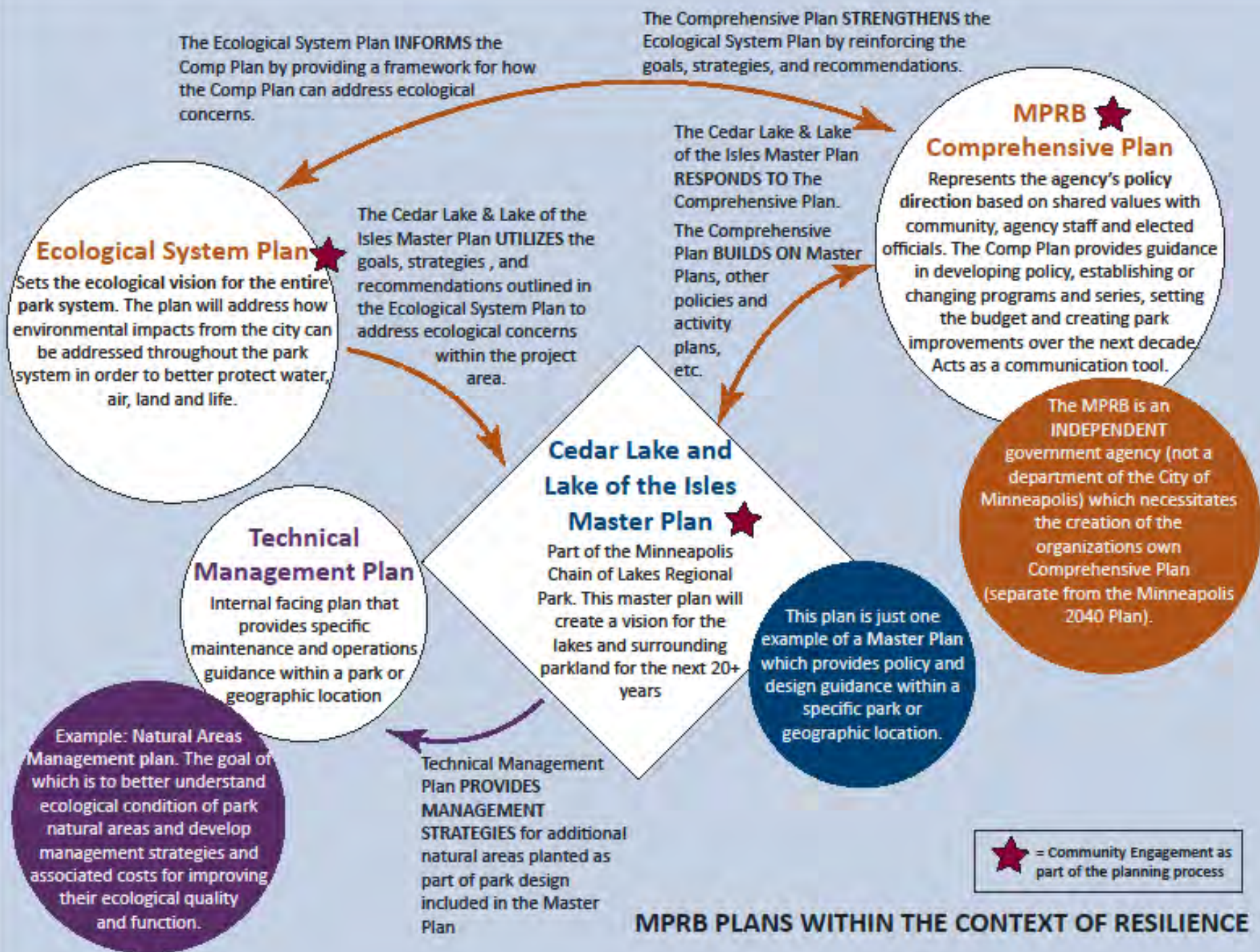
1. Assume good intent
2. One conversation: respect the speaker, actively listen
3. Value different perspectives
4. Speak from your experience
5. Be respectful even if you don't agree
6. Step up, step back

# MPRB Public Online Forum Guidelines

1. Space is provided to CAC members to speak during the CAC Discussion
2. The public are invited to speak during the Public Comment Time
3. Chatbox will not be visible during the CAC Discussion
4. Stay on "mute" until you are called on to speak
5. Please don't be anonymous – use your real name
6. We are not recording this meeting

# RESILIENCY





**Ecological System Plan** ★

Sets the ecological vision for the entire park system. The plan will address how environmental impacts from the city can be addressed throughout the park system in order to better protect water, air, land and life.

**Technical Management Plan**

Internal facing plan that provides specific maintenance and operations guidance within a park or geographic location

Example: Natural Areas Management plan. The goal of which is to better understand ecological condition of park natural areas and develop management strategies and associated costs for improving their ecological quality and function.

**Cedar Lake and Lake of the Isles Master Plan** ★

Part of the Minneapolis Chain of Lakes Regional Park. This master plan will create a vision for the lakes and surrounding parkland for the next 20+ years

This plan is just one example of a Master Plan which provides policy and design guidance within a specific park or geographic location.

**MPRB** ★

**Comprehensive Plan**

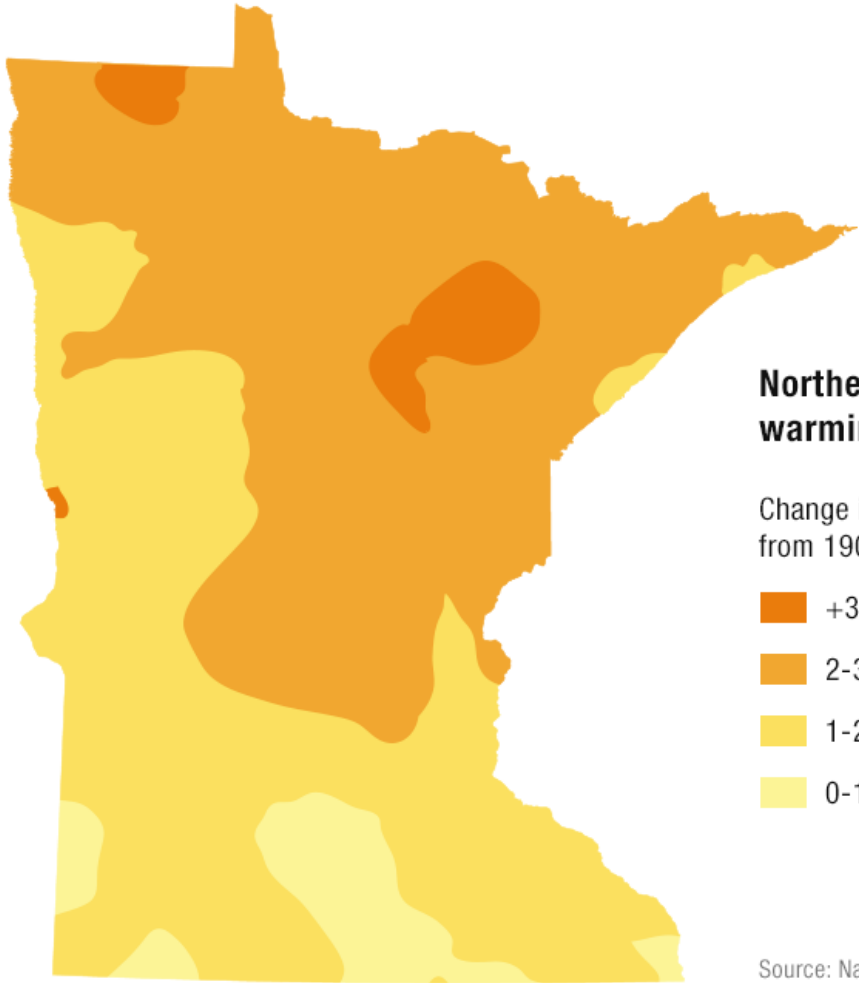
Represents the agency's policy direction based on shared values with community, agency staff and elected officials. The Comp Plan provides guidance in developing policy, establishing or changing programs and series, setting the budget and creating park improvements over the next decade. Acts as a communication tool.

The MPRB is an **INDEPENDENT** government agency (not a department of the City of Minneapolis) which necessitates the creation of the organization's own Comprehensive Plan (separate from the Minneapolis 2040 Plan).

★ = Community Engagement as part of the planning process

**MPRB PLANS WITHIN THE CONTEXT OF RESILIENCE**

# It's Getting Warmer and Wetter in Minnesota

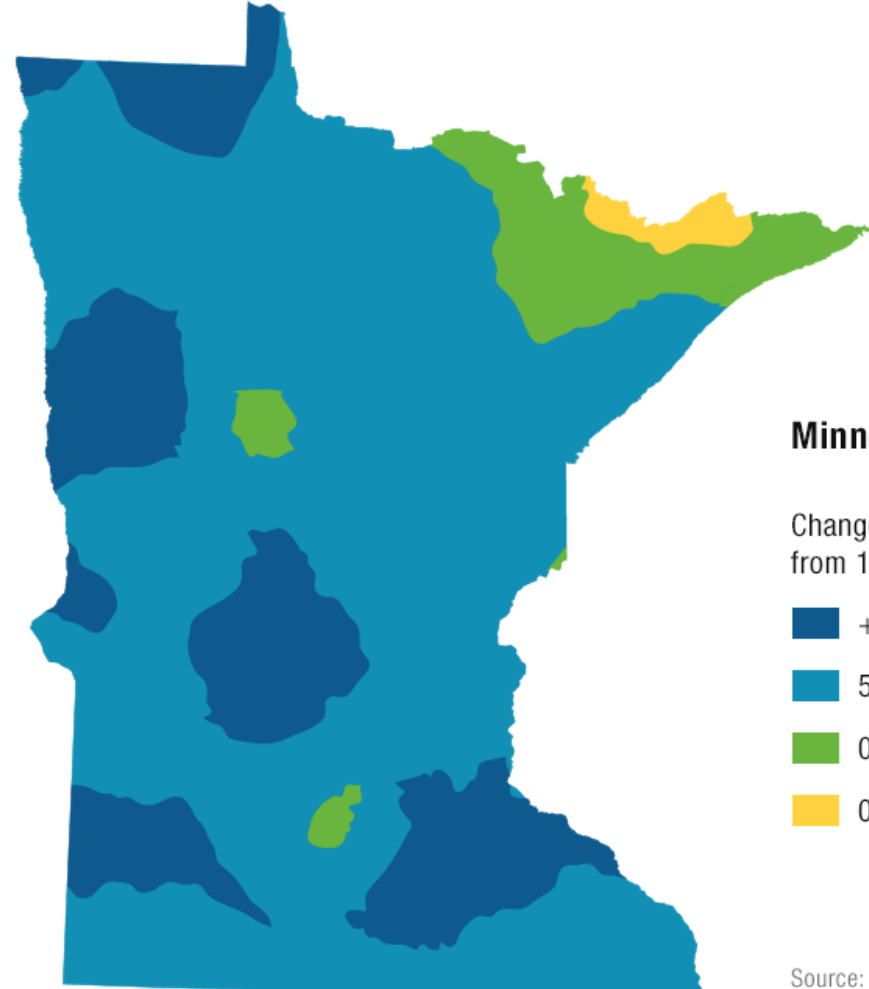


## Northern Minnesota warming faster

Change in average temperature from 1901-1960 to 1991-2012

- +3° Increase
- 2-3° Increase
- 1-2° Increase
- 0-1° Increase

Source: National Climate Assessment



## Minnesota getting more rain





Change in average rainfall from 1901-1960 to 1991-2012

- +15% Increase
- 5-15% Increase
- 0-5% Increase
- 0-5% Decrease

Source: National Climate Assessment

# Habitat Connectivity Map



-  MPRB Parkland Within DNR Conservation Corridor
-  DNR Conservation Corridor
-  Potential Habitat Enhancement Area (Existing MPRB property with cultural land cover of lawn, athletic field, formal garden, etc.)
-  Existing MPRB Natural Area Outside the Conservation Corridor (prairie, forest, wetland, etc.)

A scenic photograph of a sunset over a body of water. The sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water's surface. The sky is filled with dark, silhouetted clouds. In the background, a line of trees is also silhouetted against the bright sky. The overall mood is calm and serene.

# Public Comment

# How to share your feedback

- **Share your feedback verbally:**
  - Up to 1 minute
  - Write "YES" in the chatbox and we will call on you in chronological order
- **Share your feedback through writing:**
  - Write your feedback in the chatbox

# CEDAR LAKE/ LAKE OF THE ISLES MASTER PLAN

**RESILIENCE**

**CAC MEETING #04**  
**Monday, January 25, 2021**

# INTRODUCTIONS

## EMMONS & OLIVIER RESOURCES

natural resources

Jason Naber, CMWP

Ecology Practice Lead

## TEN x TEN

landscape architecture

Maura Rockcastle, PLA

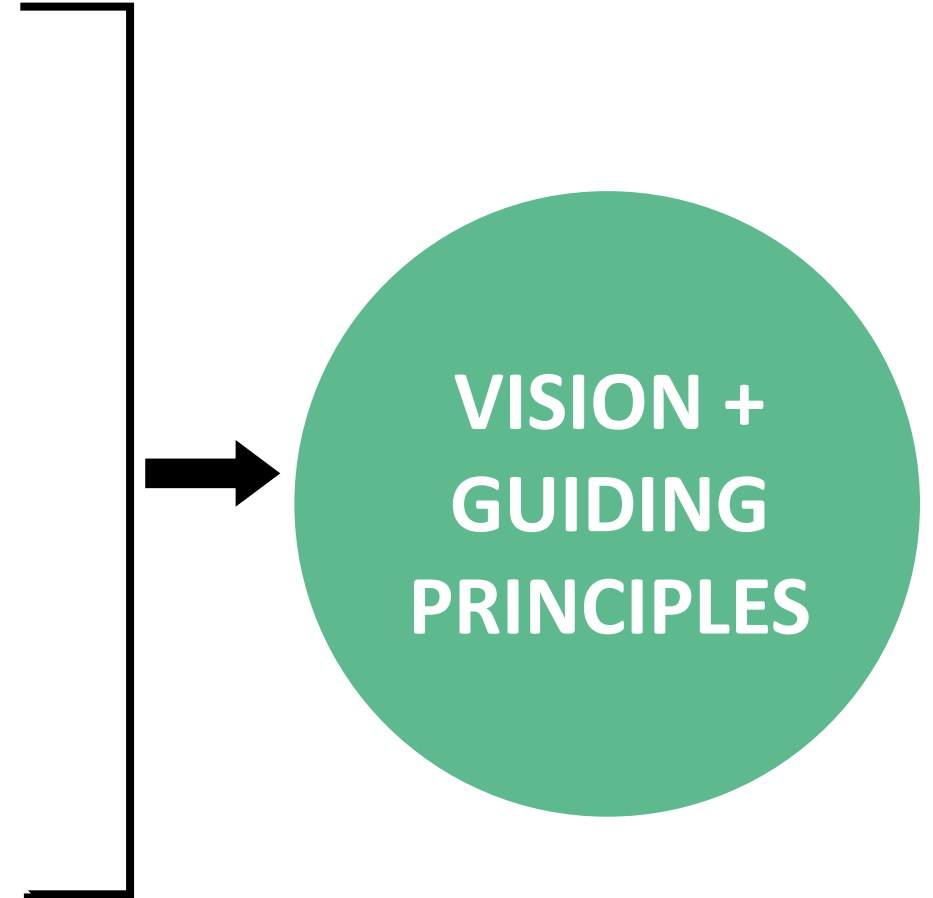
Principal

Erica Christenson, PLA

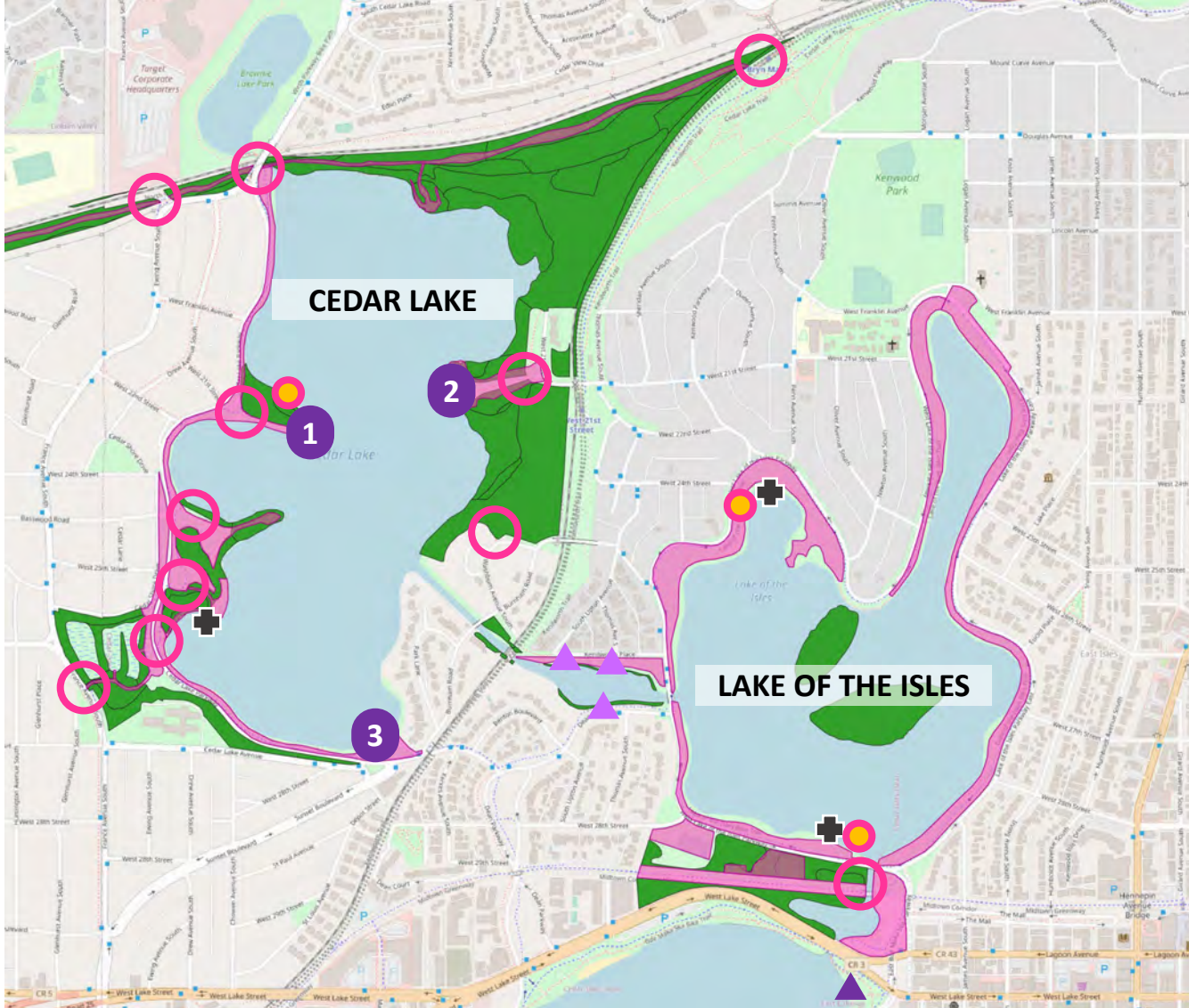
Director

# DISCOVERY + ASSESSMENT

- 1 Access**
- 2 History**
- 3 Resilience**
  - > Historic Context**
  - > Water Quality**
  - > Species Composition**
  - > Opportunities**



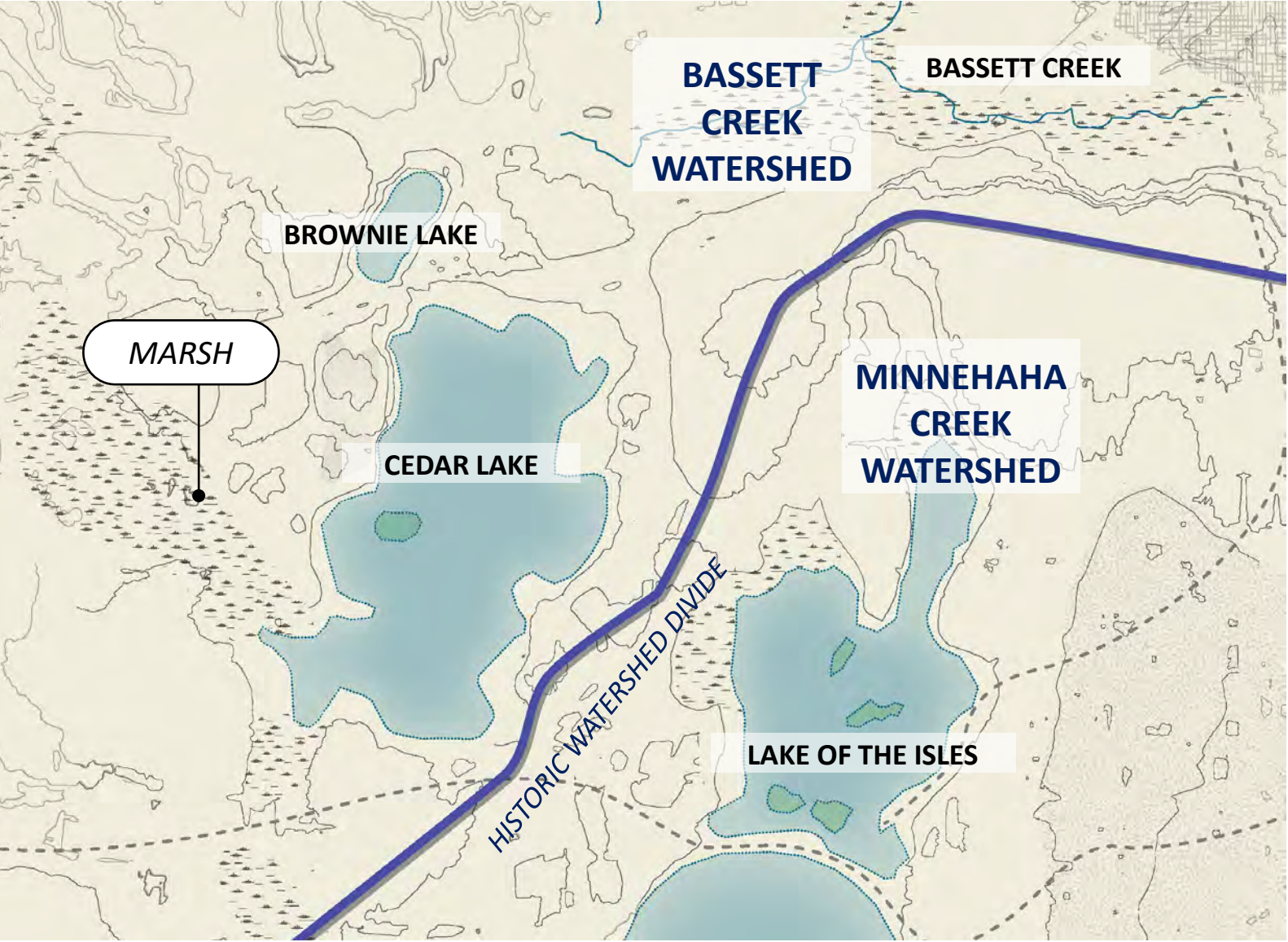
# ACCESS TO NATURAL AREAS



- ① Cedar Lake Point Beach
- ② Cedar Lake East Beach
- ③ Cedar Lake South Beach
- Natural Areas
- Passive Recreation / Lawn Areas
- ✚ Fishing Pier
- Canoe Launch (formal)
- ▲ Canoe Access (informal)
- ▲ Boat Launch (formal)
- Trail Access to natural areas

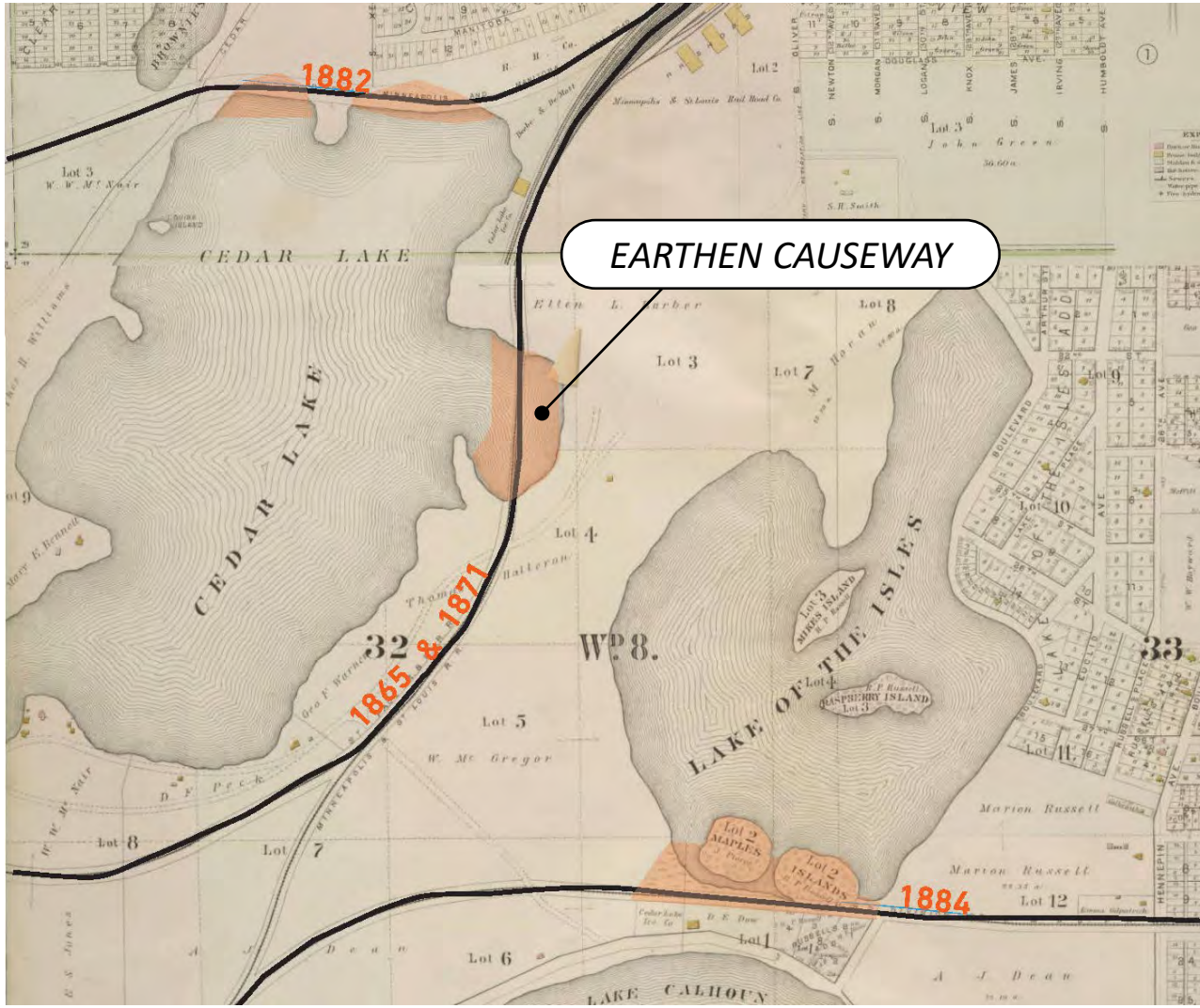
# HISTORIC CONTEXT

1854 Period Plan showing historic watershed



- Historic islands*
- Lakes + Open Water*
- Streams + Creeks*

# HISTORIC CONTEXT



1885 Map showing railroad construction - Government Land Office



Lake of the Isles Boulevard - 1926



Dredging Lake of the Isles - 1909

# HISTORIC CONTEXT



2014 Flood

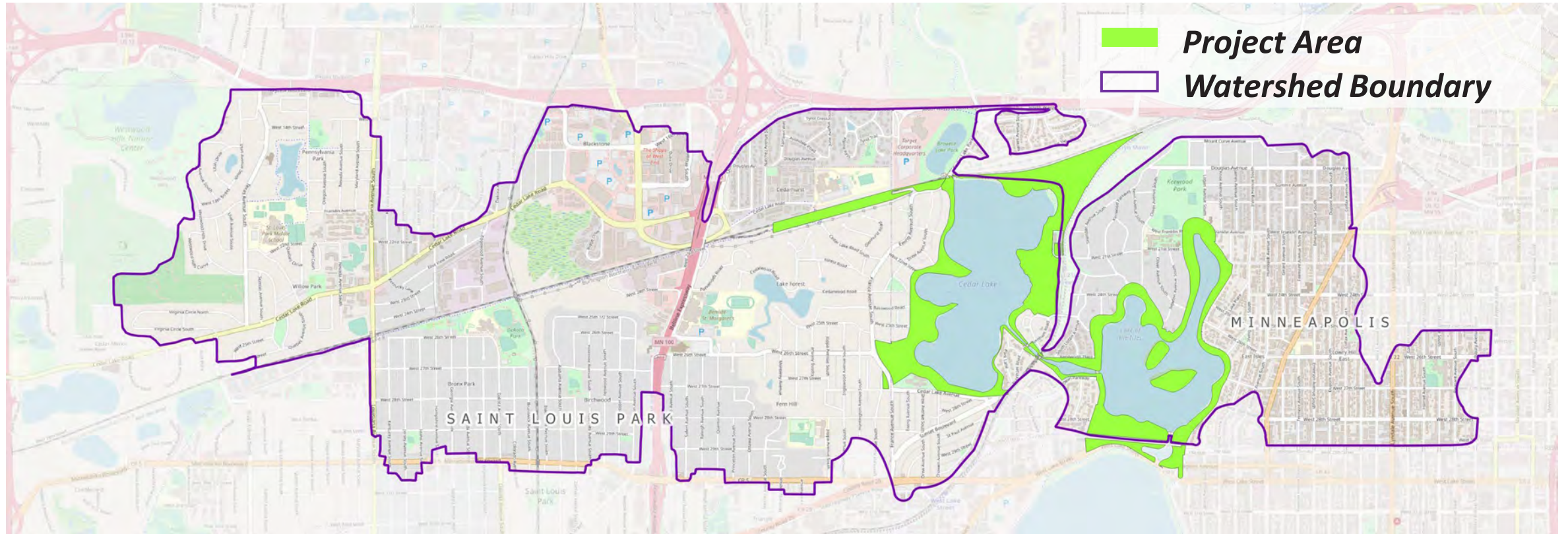


Water quality monitoring



# WATERSHED CONTEXT

- Cedar Lake and Lake of the Isles are in a highly-urbanized watershed.
- Real water quality improvements will only be gained by addressing pollution on a watershed scale

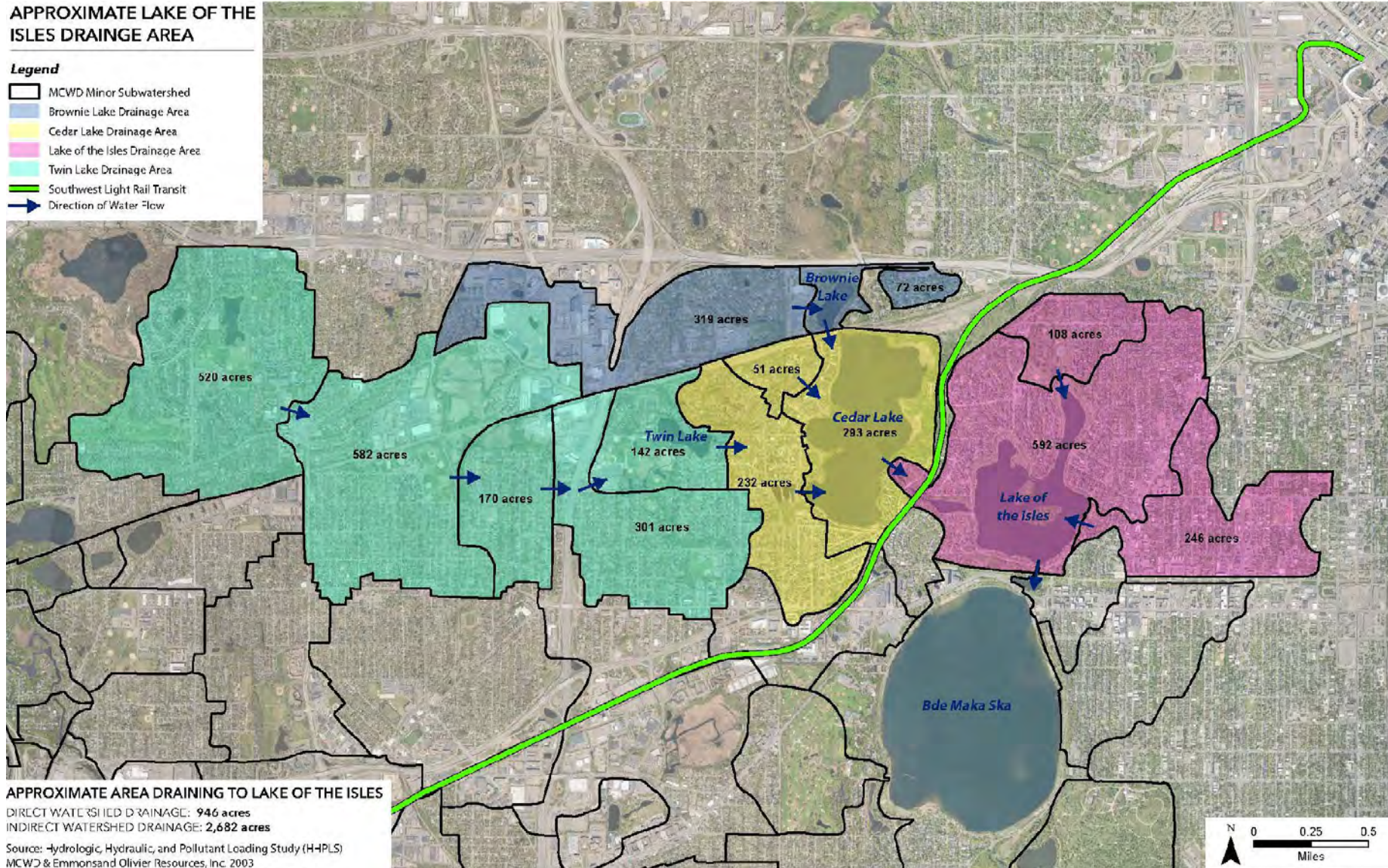


# WATERSHED CONTEXT

## APPROXIMATE LAKE OF THE ISLES DRAINAGE AREA

### Legend

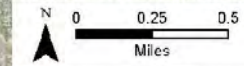
- MCWD Minor Subwatershed
- Brownie Lake Drainage Area
- Cedar Lake Drainage Area
- Lake of the Isles Drainage Area
- Twin Lake Drainage Area
- Southwest Light Rail Transit
- Direction of Water Flow



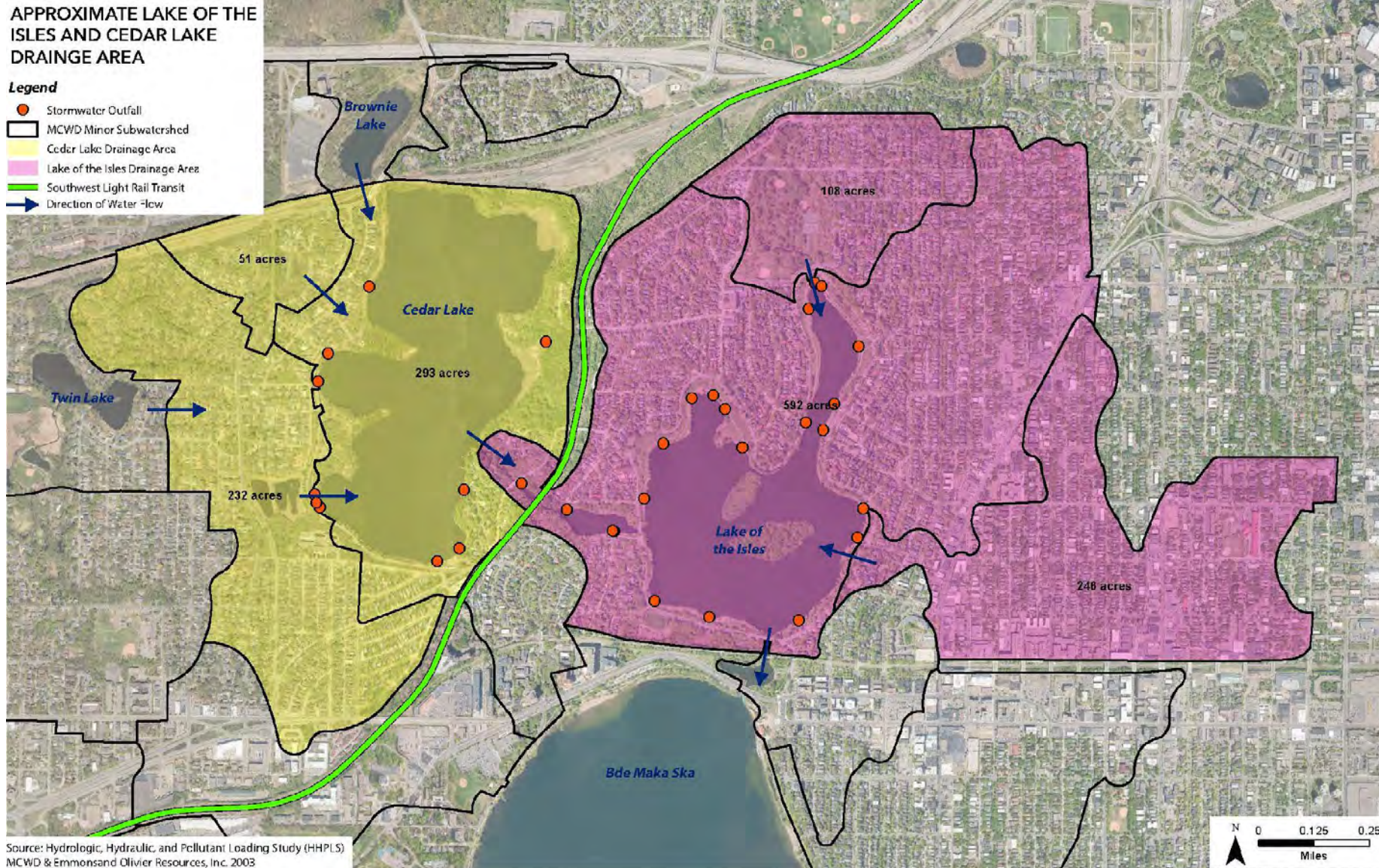
### APPROXIMATE AREA DRAINING TO LAKE OF THE ISLES

DIRECT WATERSHED DRAINAGE: 946 acres  
 INDIRECT WATERSHED DRAINAGE: 2,682 acres

Source: Hydrologic, Hydraulic, and Pollutant Loading Study (H-HPLS)  
 MCWD & Emmons and Olivier Resources, Inc. 2003

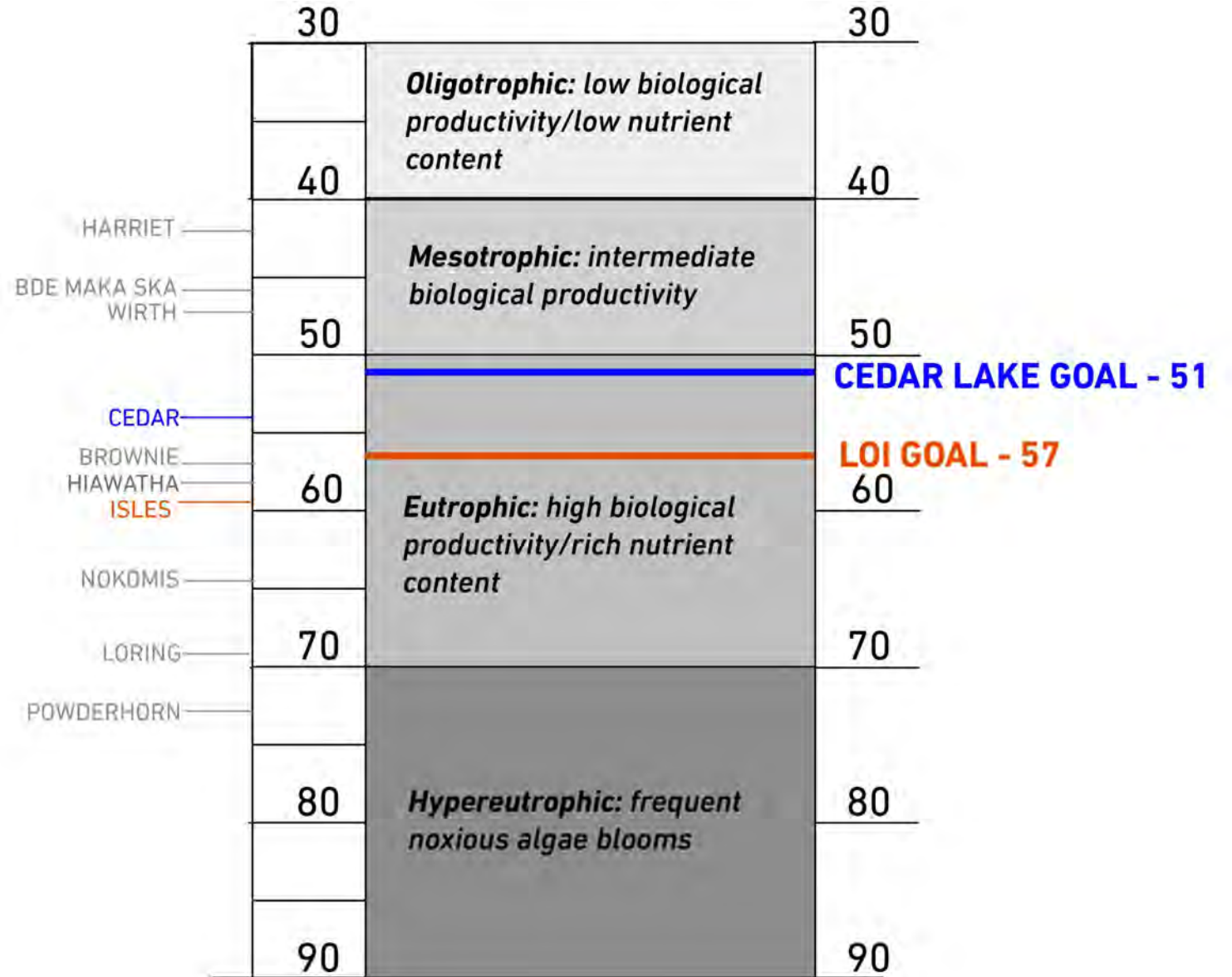


# WATERSHED CONTEXT

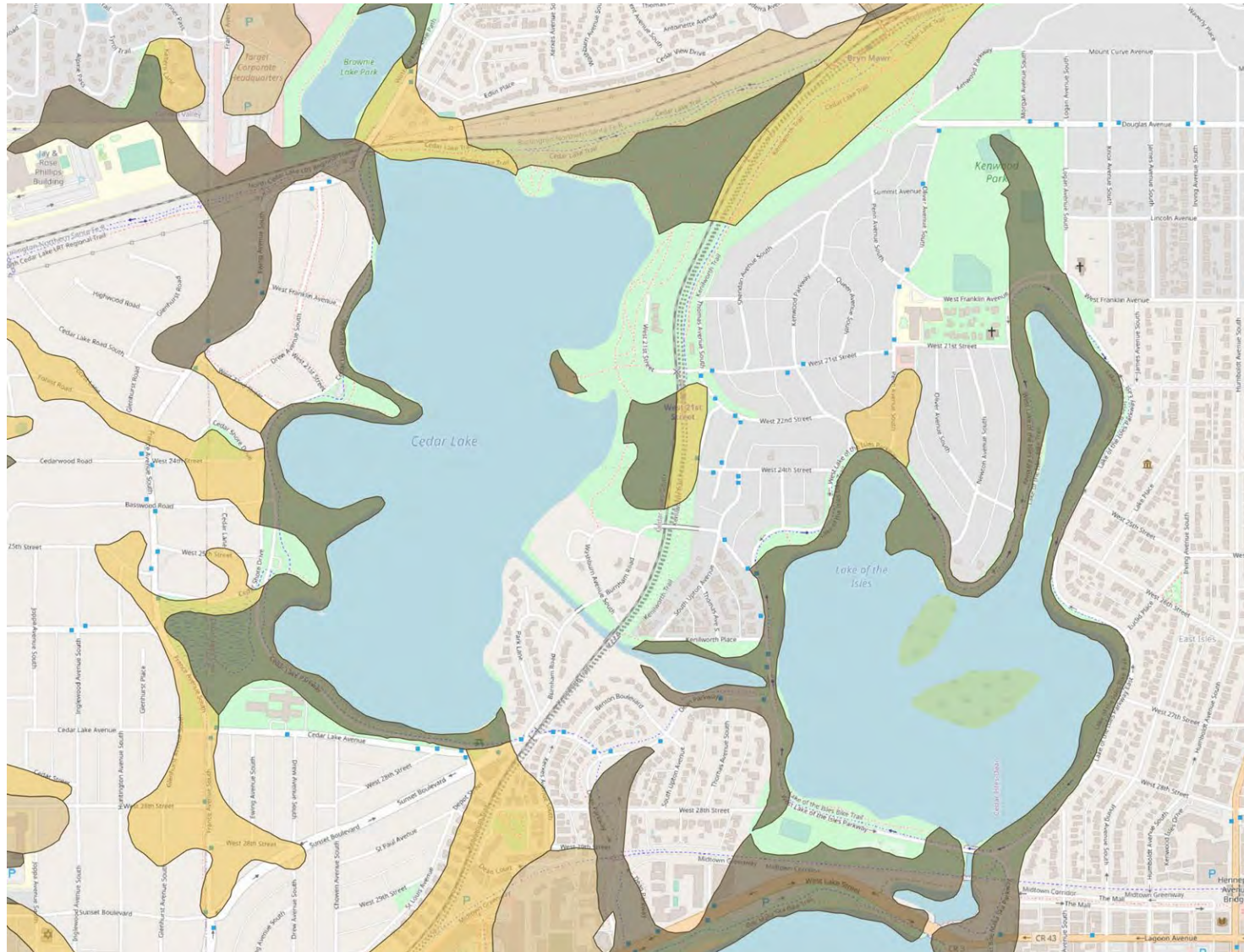


# WATER QUALITY CONTEXT

## WATER QUALITY TROPHIC STATE INDEX

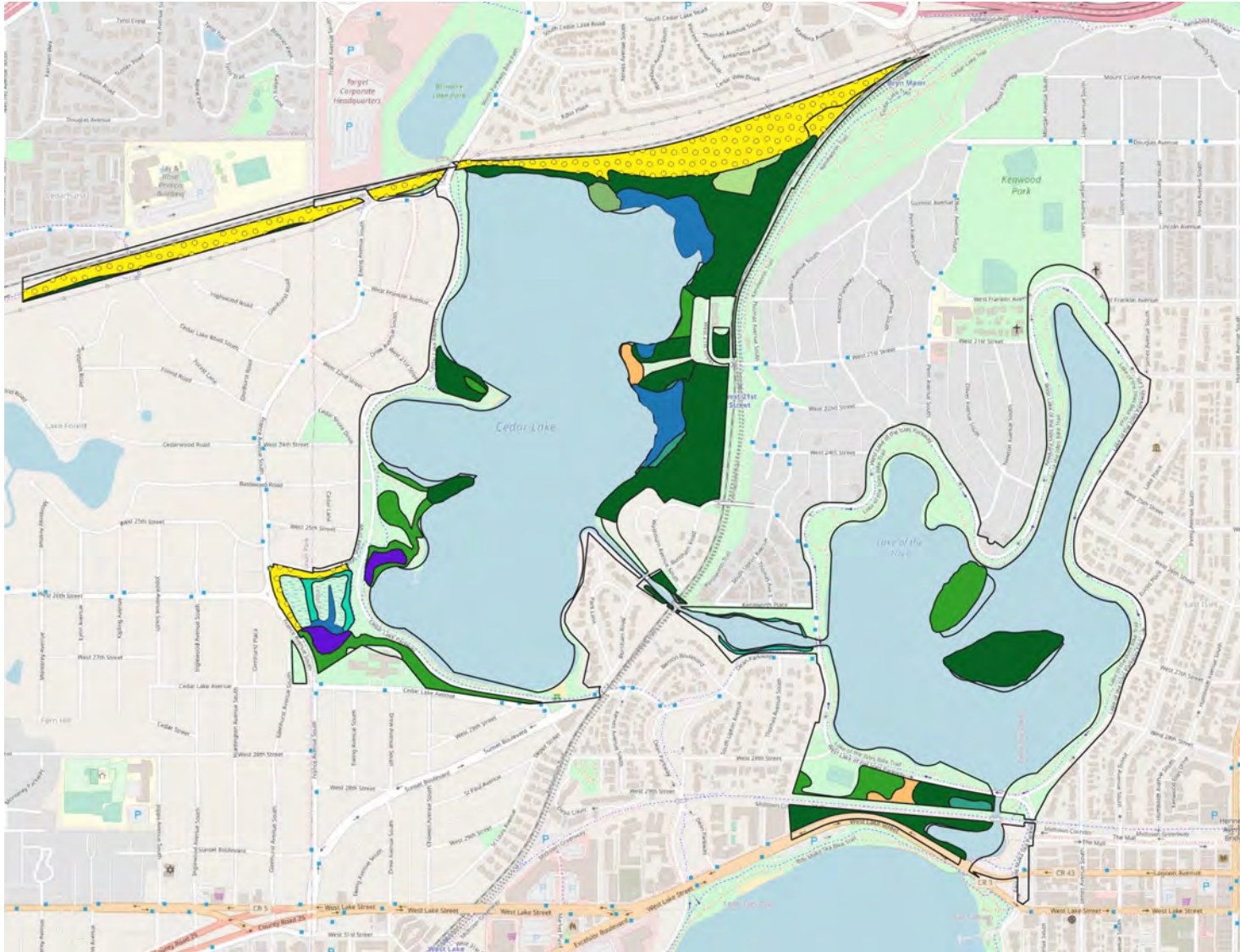


# SOILS



-  **Partial Fill Soil**
-  **Fill Soil**
-  **Cut and Fill Soil**

# HABITATS



- Altered Forest / Woodland**
- Floodplain Forest**
- Marsh**
- Mesic Forest**
- Prairie**
- Sand / Soil**
- Savanna**
- Shrub / Scrub**
- Wet Forest / Swamp**
- Wet Meadow**

# HIGH QUALITY NATIVE PLANT SPECIES



# WILDLIFE SPECIES- OBSERVED



# OPPORTUNITIES



Diverse Native Buffers



Lake Access



Stormwater Management (rain garden)



Potential for Pocket Wetland

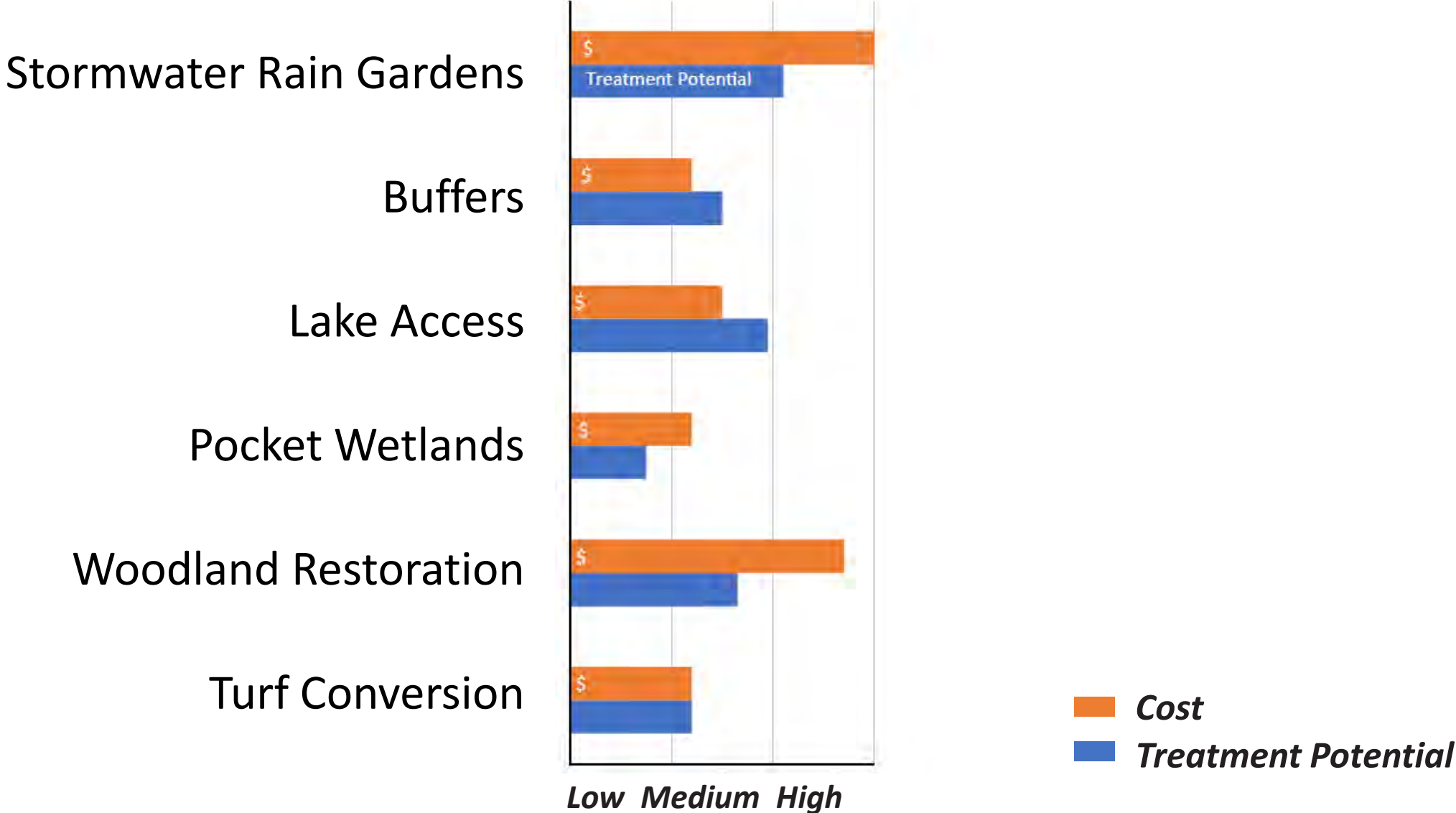


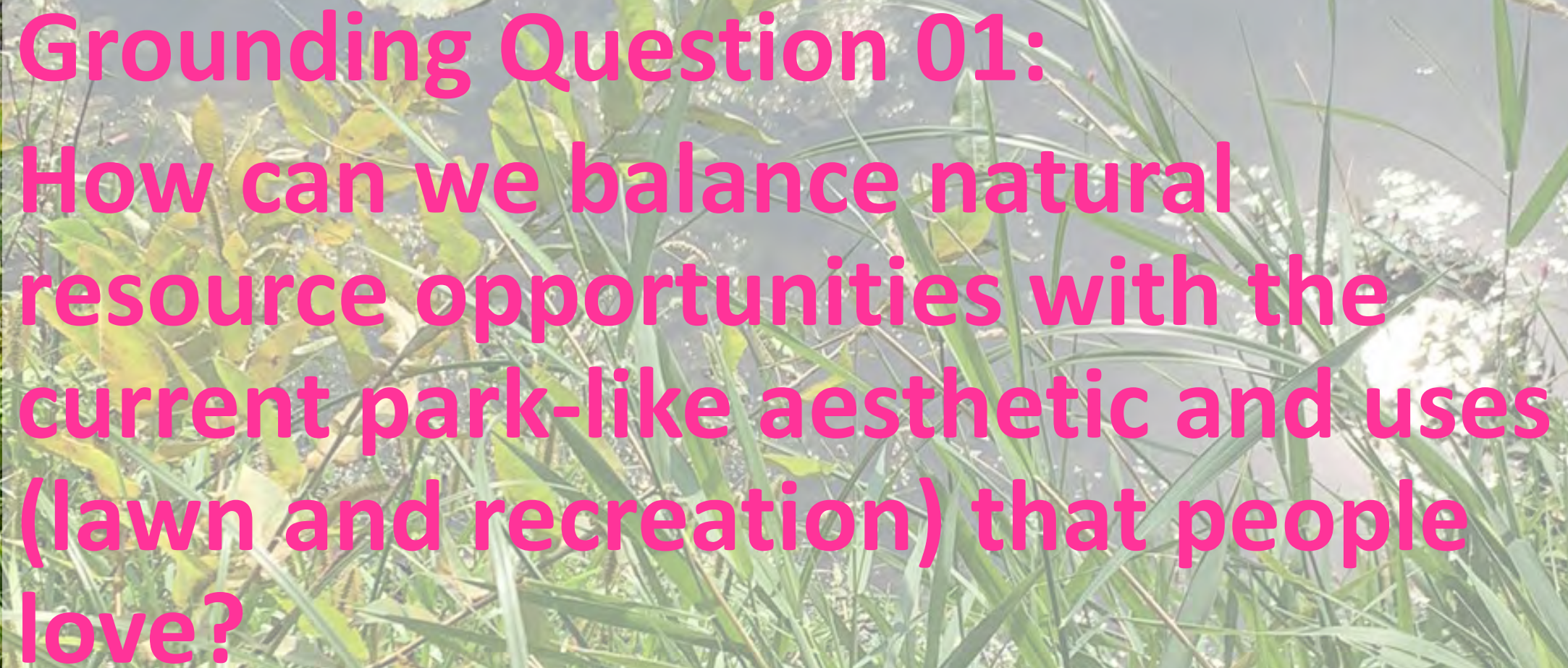
Woodland Restoration



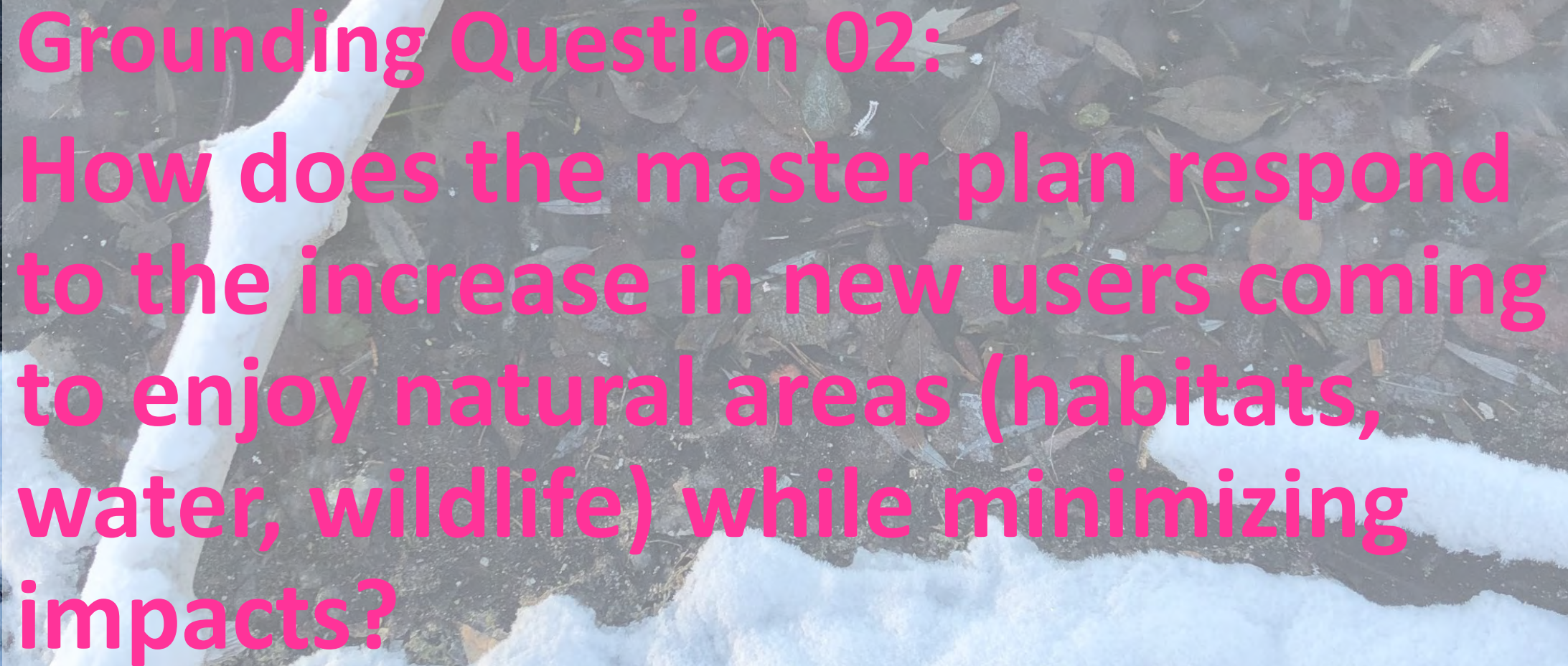
Turf Conversion

# RELATIVE WATER QUALITY BENEFITS





**Grounding Question 01:**  
**How can we balance natural resource opportunities with the current park-like aesthetic and uses (lawn and recreation) that people love?**



**Grounding Question 02:**  
**How does the master plan respond to the increase in new users coming to enjoy natural areas (habitats, water, wildlife) while minimizing impacts?**

A wide-angle photograph of a sunset over a large body of water. The sky is filled with dark, heavy clouds, and the sun is low on the horizon, creating a bright orange and yellow glow that reflects on the water's surface. The water is dark with gentle ripples. In the distance, a dark silhouette of a tree line is visible against the horizon. The text 'ICE BREAKER' is overlaid in the center-left of the image in a bold, white, sans-serif font.

# ICE BREAKER

A sunset scene over a body of water. The sky is filled with dark, dramatic clouds, and the sun is low on the horizon, creating a bright orange and yellow glow. The water in the foreground is dark and reflects the light from the sky. In the background, there is a dark silhouette of a tree line. The text "CAC Discussion" is overlaid in the center in a white, bold, sans-serif font.

# CAC Discussion



**THANK YOU for participating!**

**Questions or comments?**

**Emma Pachuta, Senior Planner**

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**[epachuta@minneapolisparcs.org](mailto:epachuta@minneapolisparcs.org)**

**Find more project information at**

**[www.minneapolisparcs.org/cedar-isles](http://www.minneapolisparcs.org/cedar-isles)**