



# Project Update

*June 13, 2024*

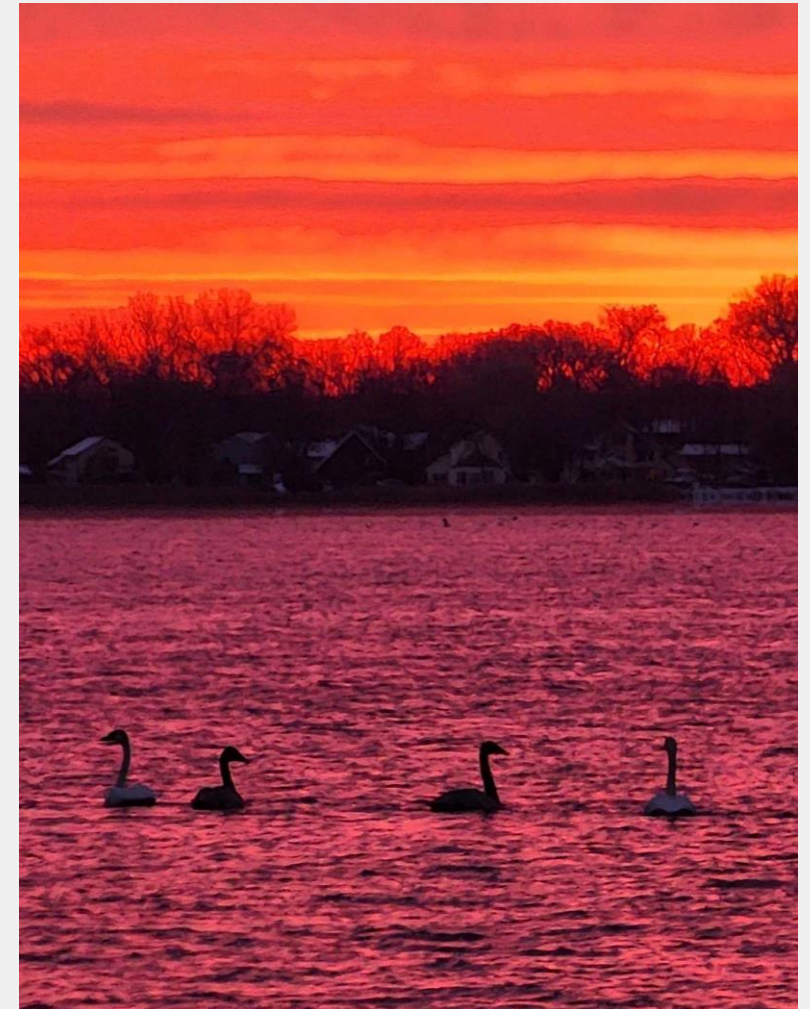
Blayne Eineichner, Project Coordinator





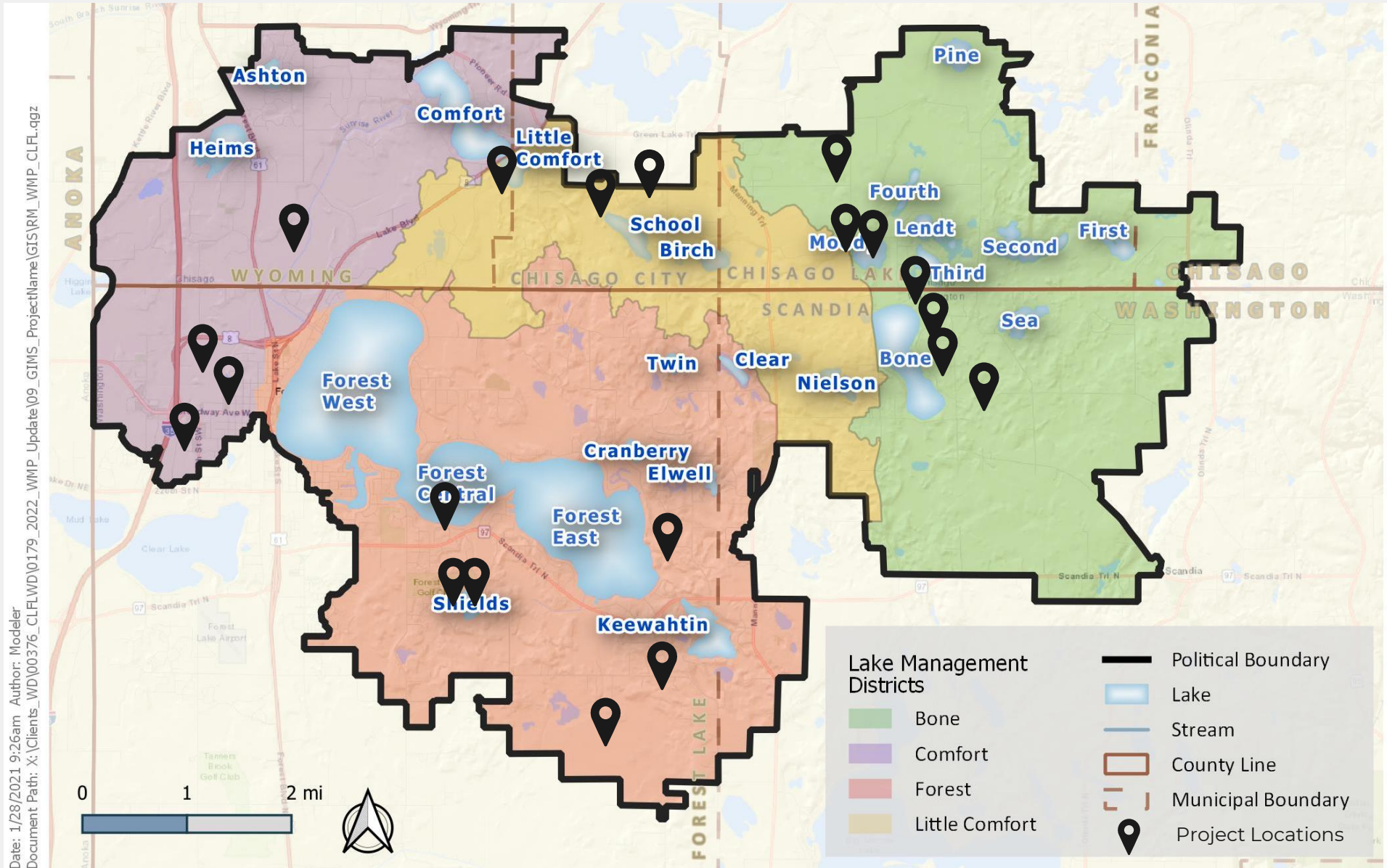
## Introduction

- These slides are intended as an informational update of progress on the many projects underway throughout the District.
- Similar information will also be presented in this month's Administrator's report.
- If there are any questions regarding this update, please reach out directly to the Administrator and/or staff in advance of the board meeting.



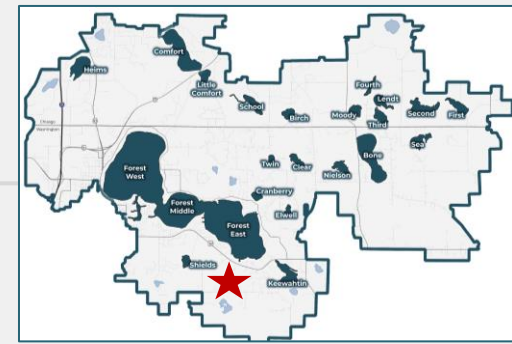


# Completed District Projects





# WJD6 Western Tributary Wetland Enhancement



## **Project:**

Wetland enhancement / connectivity, hydrology restoration

## **Project Phase 4:**

Implementation

## **Benefit:**

~20 lbs/yr phosphorus reduction.

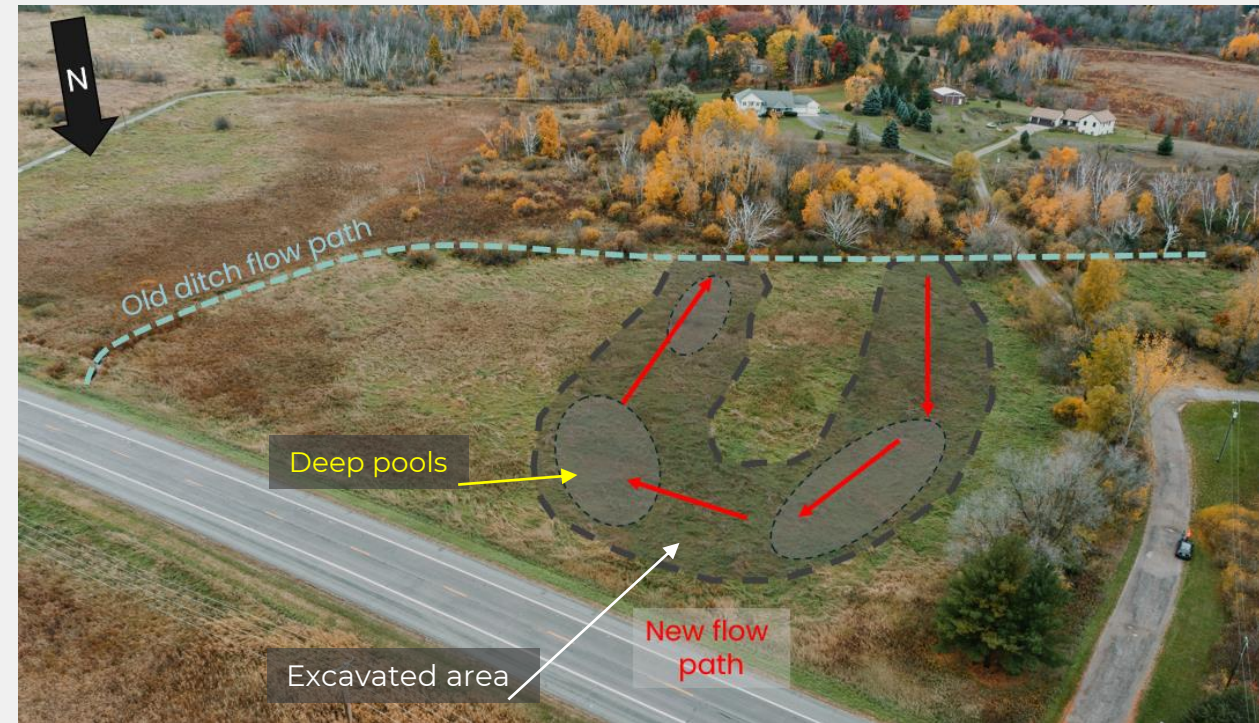
~3,200 lbs/yr TSS reduction.

## **Lifetime cost per pound phosphorus reduction:**

\$1,043

## **Status:**

Final site restoration and tree, shrub, and plug planting took place the week of May 20th. Punch list walk thru on 5-29. Project to close out in June.



View of wetland from Drone with overlay of the project schematics.



# WJD6 Western Tributary Wetland Enhancement

WJD6 Wetland Project Area. View from Hwy 97 of completed project.





# Moody Lake Capstone Projects

## **Project:**

several small wetland enhancements, legacy load removal, and parking lot rain garden

**Project Phase 4:** Implementation

**Benefit:** 58lbs/yr phosphorus reduction  
~150 lbs/yr TSS reduction

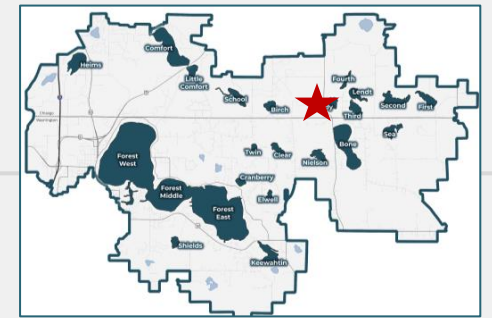
**Lifetime cost per pound phosphorus reduction:**

\$400/lbs.TP/yr

## **Status:**

Project largely completed. The Moody rain garden and Park improvements completed mid-May. , All planting took place the week of May 26. Project punch list walkthrough to be completed mid-June. The Chisago Lake Township and/or landowners will be invited or consulted.

Project close out in July.



Legacy Load Removal Area



Moody Park and Round Barn Project Area



# Moody Lake Capstone Projects



Mood Park improvements.  
Revegetation crew installing native  
raingarden plugs.





# Moody Lake Capstone Projects



Painted turtle sunning on a habitat log installed at the project.

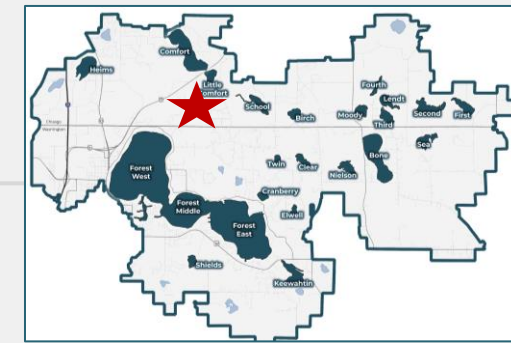
Mood Wetland Project. Native wetland plugs were installed just after these photos were taken.







# Little Comfort Lake Subwatershed Enhancement



## **Project:**

Iron Enhanced Sand Filter

**Project Phase 2:** Feasibility

**Benefit:** ~78 lbs phosphorus per year

**Lifetime cost per pound phosphorus reduction:**

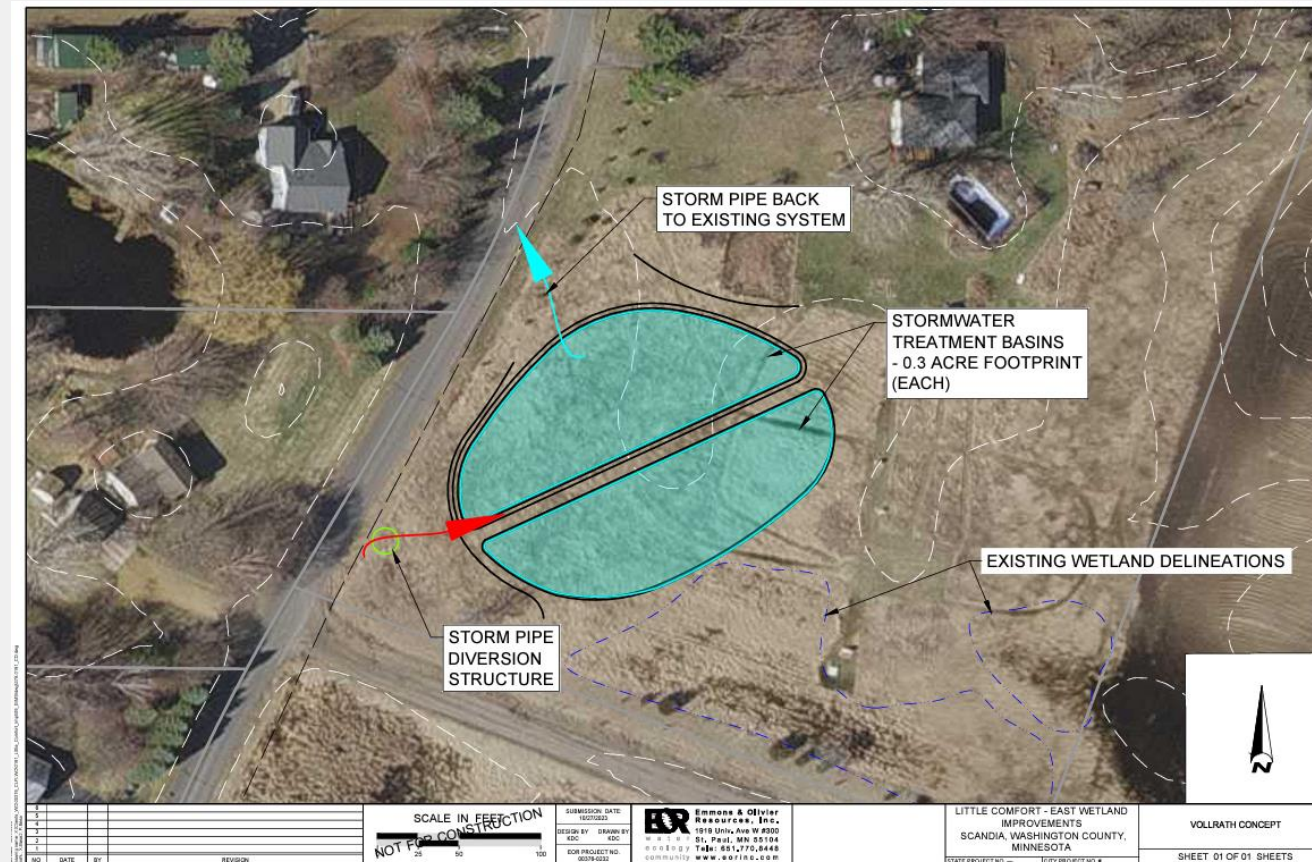
TBD

## **Status:**

LSC grant funds acquired for project feasibility.

Landowners have agreed to signed the contingent purchase agreement. We have 8 months to move through the feasibility phase before the PA expires.

Wetland delineation application submitted to WCA. Meeting with the City of Wyoming on June 5<sup>th</sup> to discuss project and get permission to alter the Heath Ave N pipeline for the IESF.



Iron Enhanced Sand Filter concept