



Project Update

March 14, 2024

Blayne Eineichner, Project Coordinator

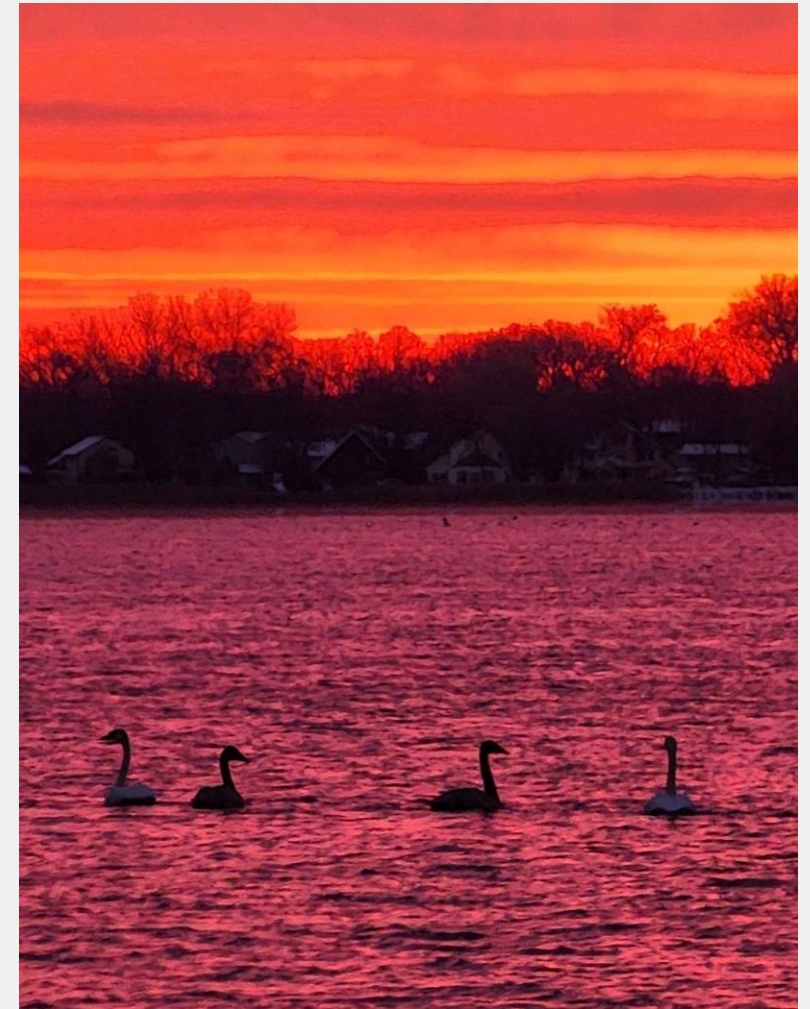


Tulips emerging from their winter dormancy.



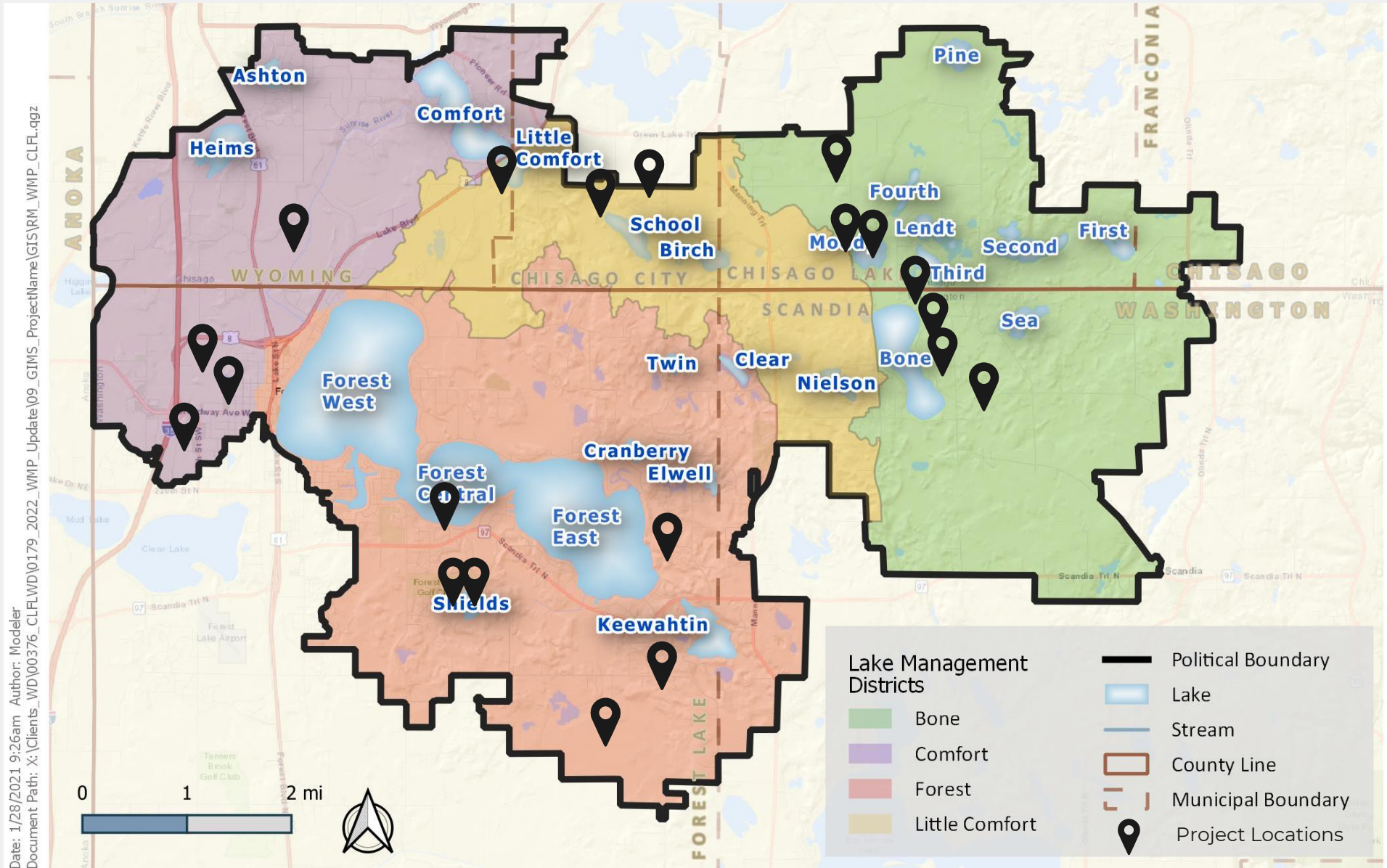
Introduction

- 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.



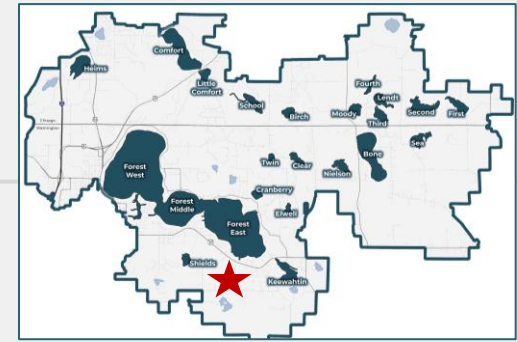


Completed District Projects





WJD6 Western Tributary Wetland Enhancement



Project:

Wetland enhancement / connectivity, hydrology restoration

Project Phase 4:

Implementation

Benefit:

~20 lbs/yr phosphorus reduction.

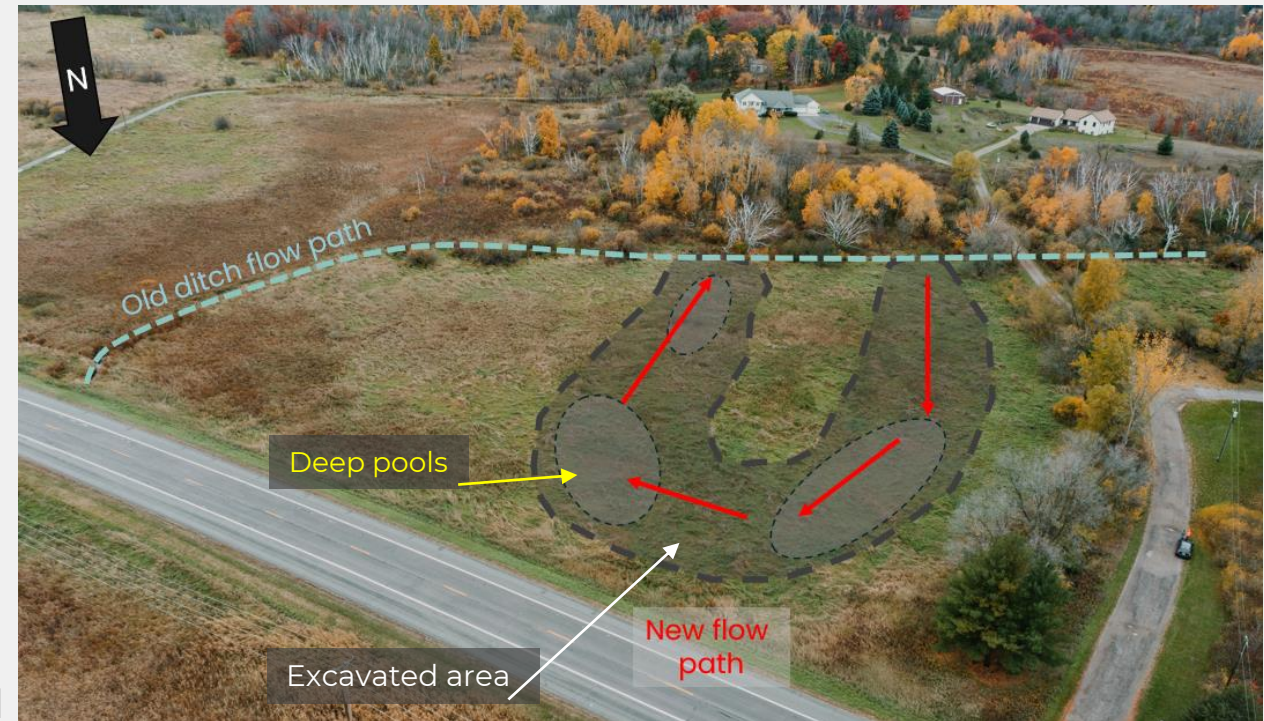
~3,200 lbs/yr TSS reduction.

Lifetime cost per pound phosphorus reduction:

\$1,043

Status:

Wetland excavation began Jan 22nd and was completed on January 29th. Winter site restoration /stabilization completed. Final site restoration and tree, shrub, and plug planting to occur this spring.



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



WJD6 Western Tributary Wetland Enhancement



WJD6 Wetland Project Area. Excavation and haul.



WJD6 Wetland Project Area. Excavation completed. Salvaged native sedge mats in foreground.



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

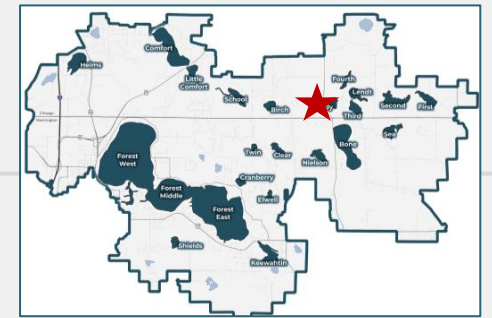
Lifetime cost per pound phosphorus reduction:

\$400/lbs.TP/yr

Status:

Implementation began January 23 for the Moody Barn and January 29 for the Moody Wetland. The Moody Barn and Moody Wetland projects have been largely completed. The Moody rain garden, park improvements, and all plantings will occur this spring.

All spoils inadvertently placed near Bone Lake have been removed and the area has been stabilized.



Legacy Load Removal Area



Moody Park and Round Barn Project Area



Moody Lake Capstone Projects



Moody Round Barn Project Area.
Excavation complete, area stabilized.



Moody Lake Capstone Projects

Moody Lake Wetland Project Area.
Excavation complete.





Moody Lake Capstone Projects



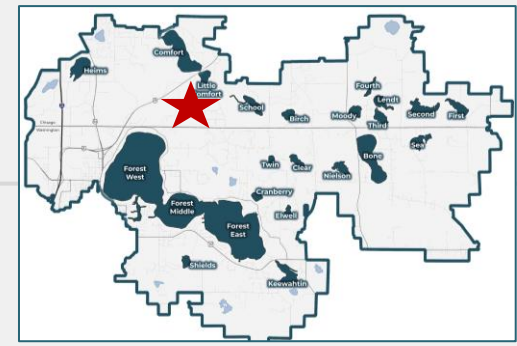
Moody Lake Wetland Project implementation aerial view.



Spoils removed from area near Bone Lake. Site restored and stabilized.



Little Comfort Lake Subwatershed Enhancement



Project:

Wetland outflow treatment

Project Phase 2: Feasibility

Benefit: ~78 lbs phosphorus per year

Lifetime cost per pound phosphorus reduction:

TBD

Status:

Landowner outreach, project conceptualization, and phosphorus reduction modeling/estimates underway.

Staff working on feasibility grant application and the development of a contingent Purchase Agreement to bring to the landowner to aid in negotiations.



Little Comfort Lake drone footage