



Project Update

February 13, 2025

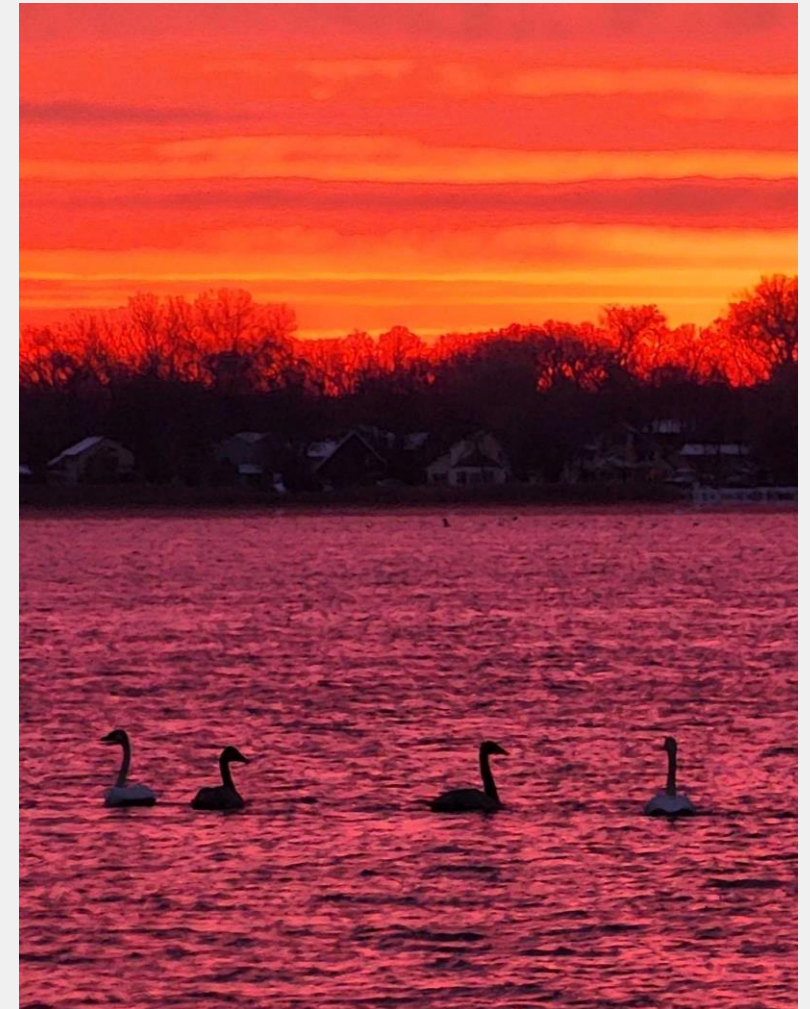
Blayne Eineichner, Project Coordinator





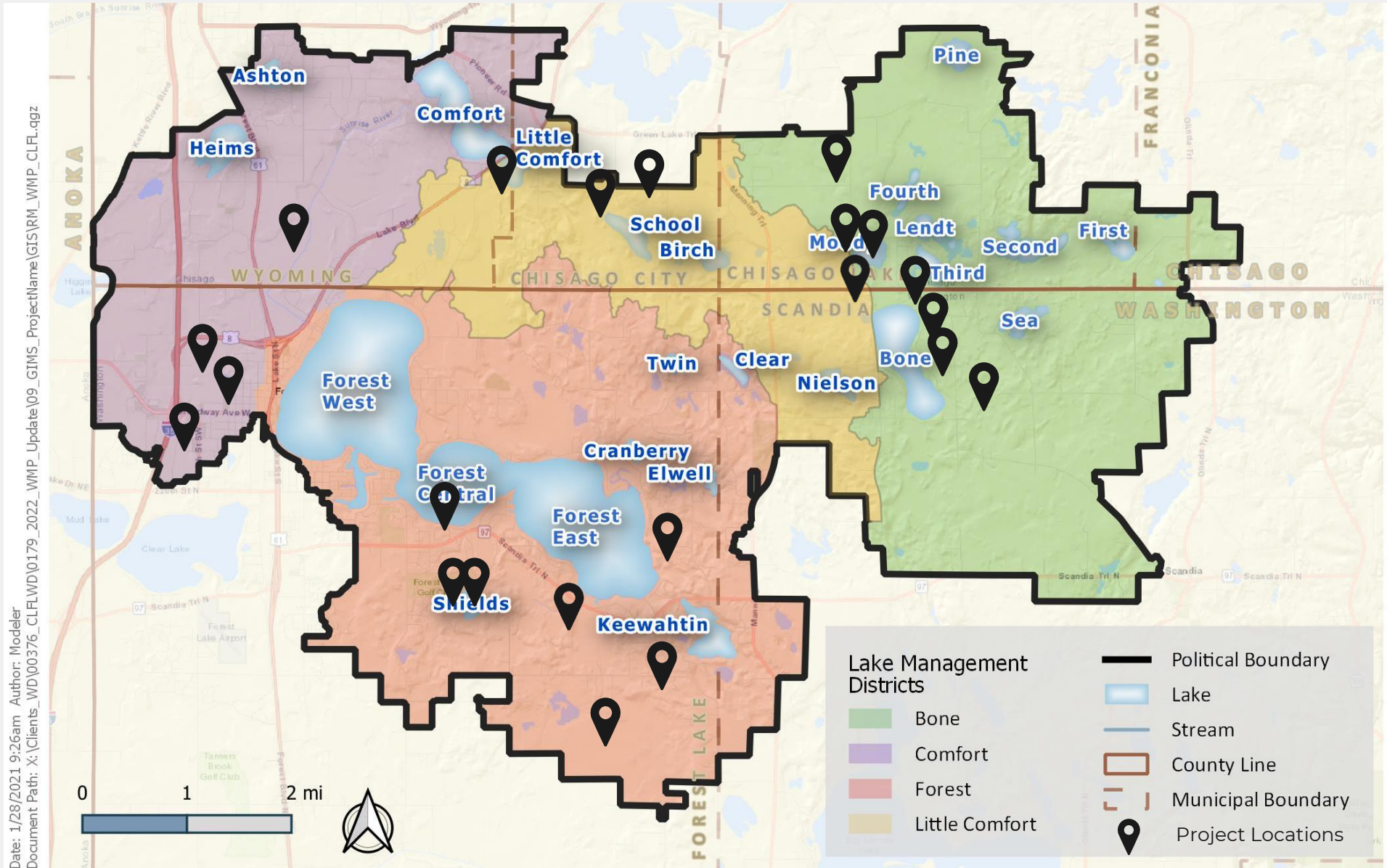
Introduction

- 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





Project Management

Phase 1. Planning: Pre-grant execution; includes project identification tasks such as diagnostic monitoring.

Phase 2. Feasibility: Begins with grant agreement execution; includes surveying etc.

Phase 3. Design: Begins with feasibility study acceptance and project ordering; includes project design.

Phase 4. Implementation: Begins with project bidding; includes bidding, contract award, construction.

Phase 5. Operations & Maintenance: Begins with certificate of completion acceptance and final payment; continues through project lifespan - typically 10-25 years

A reminder of the many steps needed to identify, plan, design, and implement each water quality improvement project. Each phase has multiple tasks that can take anywhere from several months to a year to complete.

- Phase 1 - Planning

- + PROJECT IDENTIFICATION AND DUE DILIGENCE
PLAN AMENDMENT (if necessary)
- + GRANT APPLICATION & EXECUTION & REPORTING

- Phase 2 - Feasibility

- + SCOPE OF WORK REVIEW
- + ENVIRONMENTAL REVIEW
PRELIMINARY DESIGN
- + OUTREACH
- + PROJECT ORDERING & FEASIBILITY STUDY ACCEPTANCE
(public hearing)

- Phase 3 - Design

- + SCOPE OF WORK/BUDGET REVIEW
- + OBTAIN PROPERTY RIGHTS/OPTIONS
PERMITTING (including CLFLWD)
- FINAL DESIGN
- + AUTHORIZATION TO SOLICIT BIDS

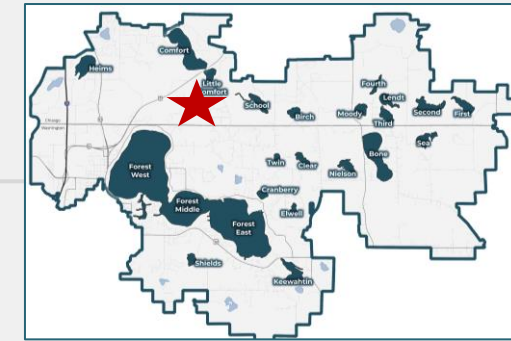
- Phase 4 - Implementation

- + SOLICIT BIDS
- + CONTRACT AWARD
- + CONTRACTING/NTP
- + CONSTRUCTION MANAGEMENT
DEVELOP O&M MANUAL
- + CERTIFICATE OF COMPLETION & PAYMENT
- + GRANT CLOSEOUT

+ Phase 5 - Operation & Maintenance



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:

Contingent purchase agreement signed by landowners.
Wetland delineation approved by WCA.

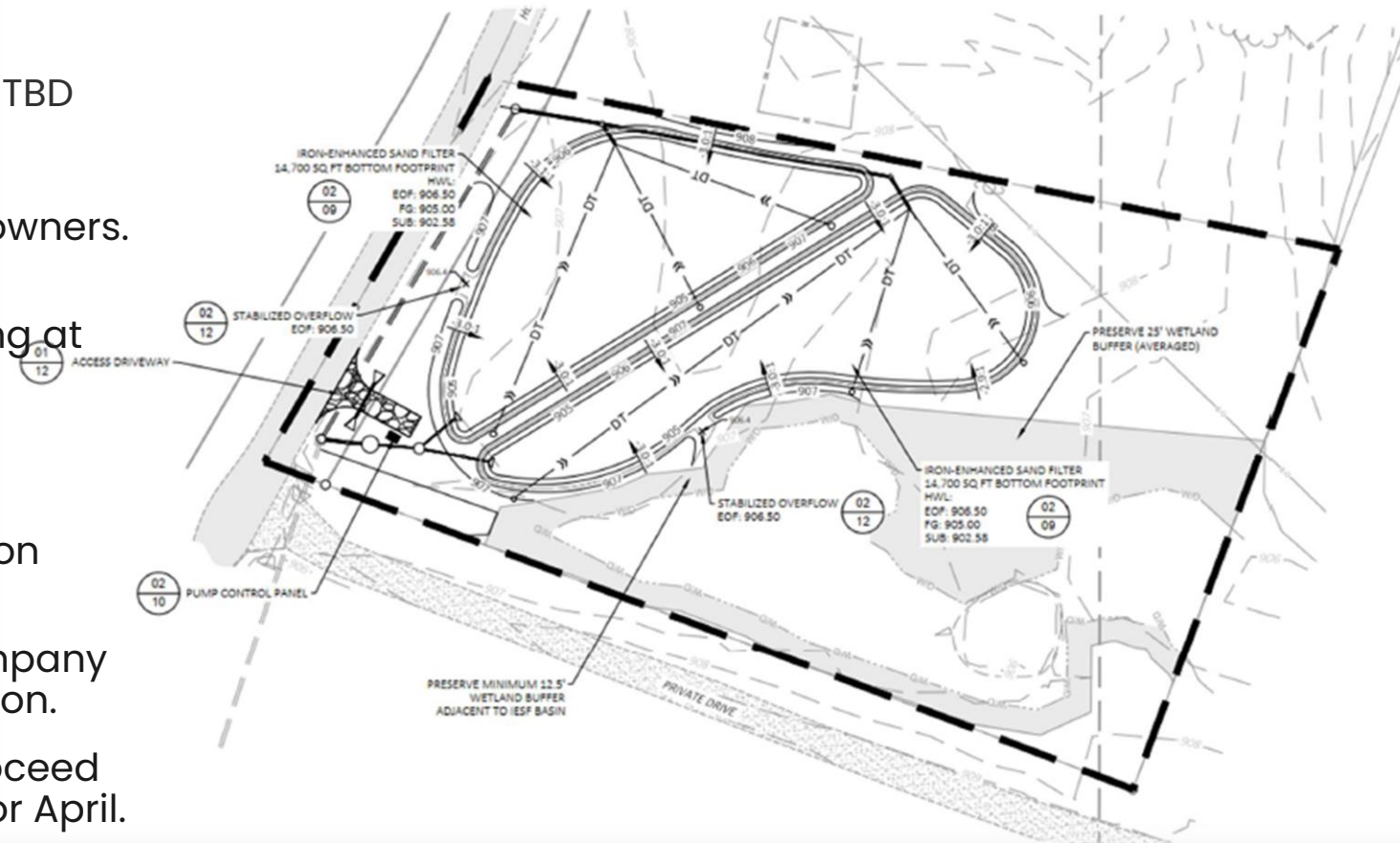
Rezoning of property approved by City of Wyoming at the Nov 12 City Council meeting.

CLFLWD / City of Wyoming MOA for project implementation executed.

Clean Water Fund grant for project implementation received (~\$1.5 million).

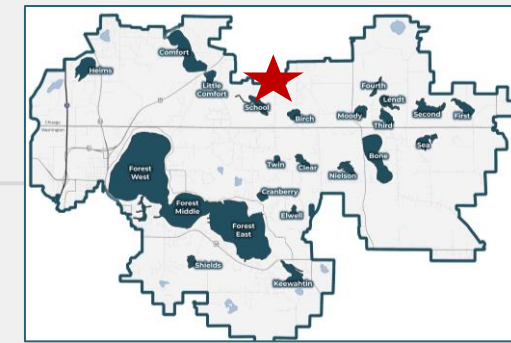
Staff working with the landowner's mortgage company to release the property and approve the subdivision.

Project Ordered Jan 23, 2025. Final design will proceed after the CWF grant funds are released in March or April.





School Lake Agriculture BMPs



Project:

Livestock manure facility improvements, non-structural agricultural practices.

Project Phase 2: Feasibility

Benefit: ~61 lbs phosphorus per year

Lifetime cost per pound phosphorus reduction:

TBD

Status:

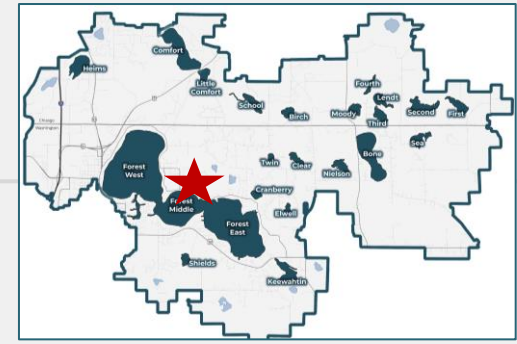
The roof runoff control structures (rain gutters) have been installed by the landowner, and cover crops planted. CLFLWD staff are in communication with the landowner to plan for the implementation of the remaining BMPs. Agricultural BMPs require full buy-in from the landowner to be successful, and we are working diligently to put together a plan that satisfies the landowner while meeting our reduction goals.



Site concept for the Ag BMP project



North Shore Circle Park Shoreline Enhancement



Project:

Shoreline restoration

Project Phase 3: Implementation

Benefit: ~0.1 lbs phosphorus per year, 100 linear feet of shoreline restored, 2,000 sqft of habitat.

Lifetime cost per pound phosphorus reduction:

TBD

Status:

Agreement is being considered by the Board of Managers and the Forest Lake City Council.

Anticipated construction in Spring of 2025.



Questions?

