CLFLWD
WATERSHED DISTRICT

Project Update

October 9, 2025

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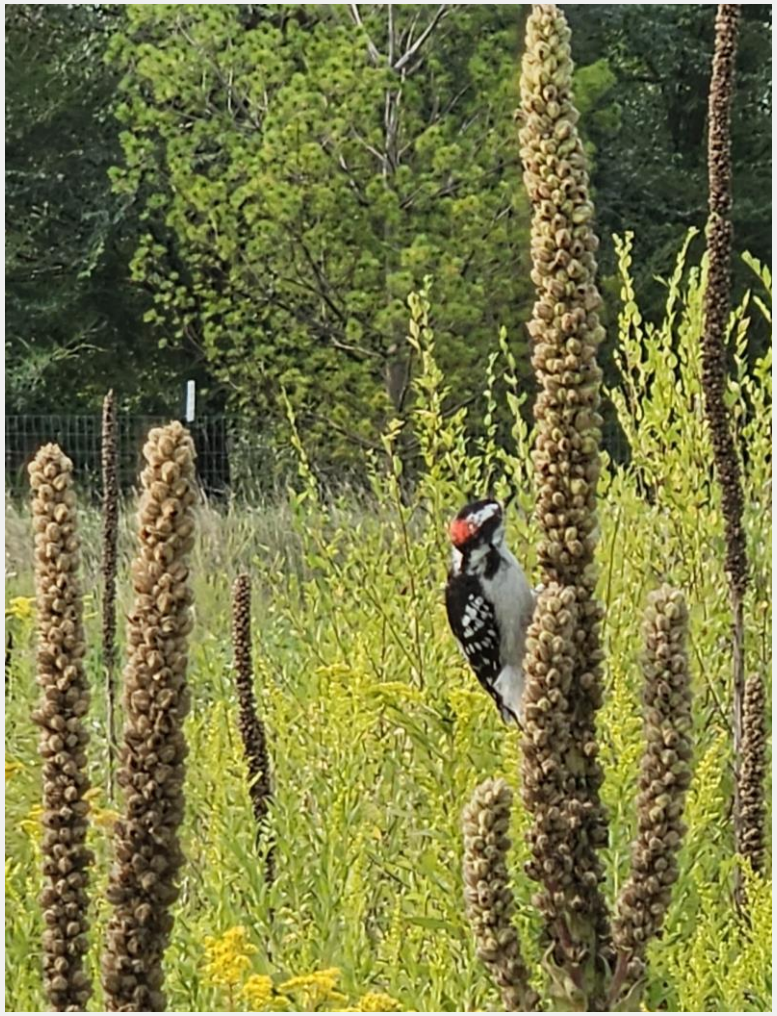
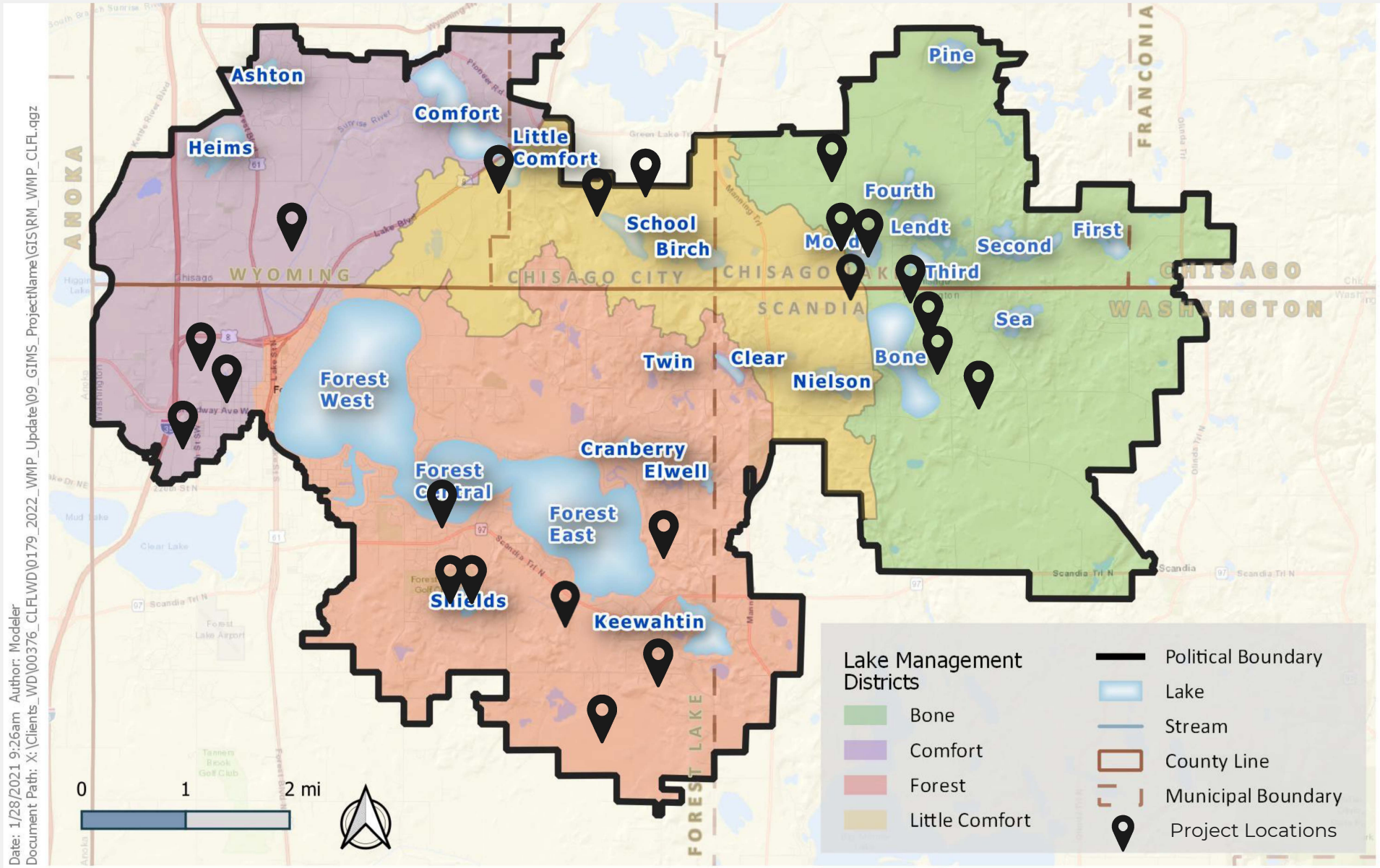
Forest Lake sunset

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



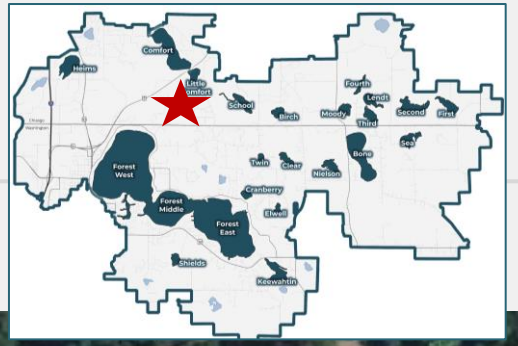
Project Management

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 3: Design

Benefit: ~78 lbs phosphorus per year

Lifetime cost per pound phosphorus reduction: TBD

Status:

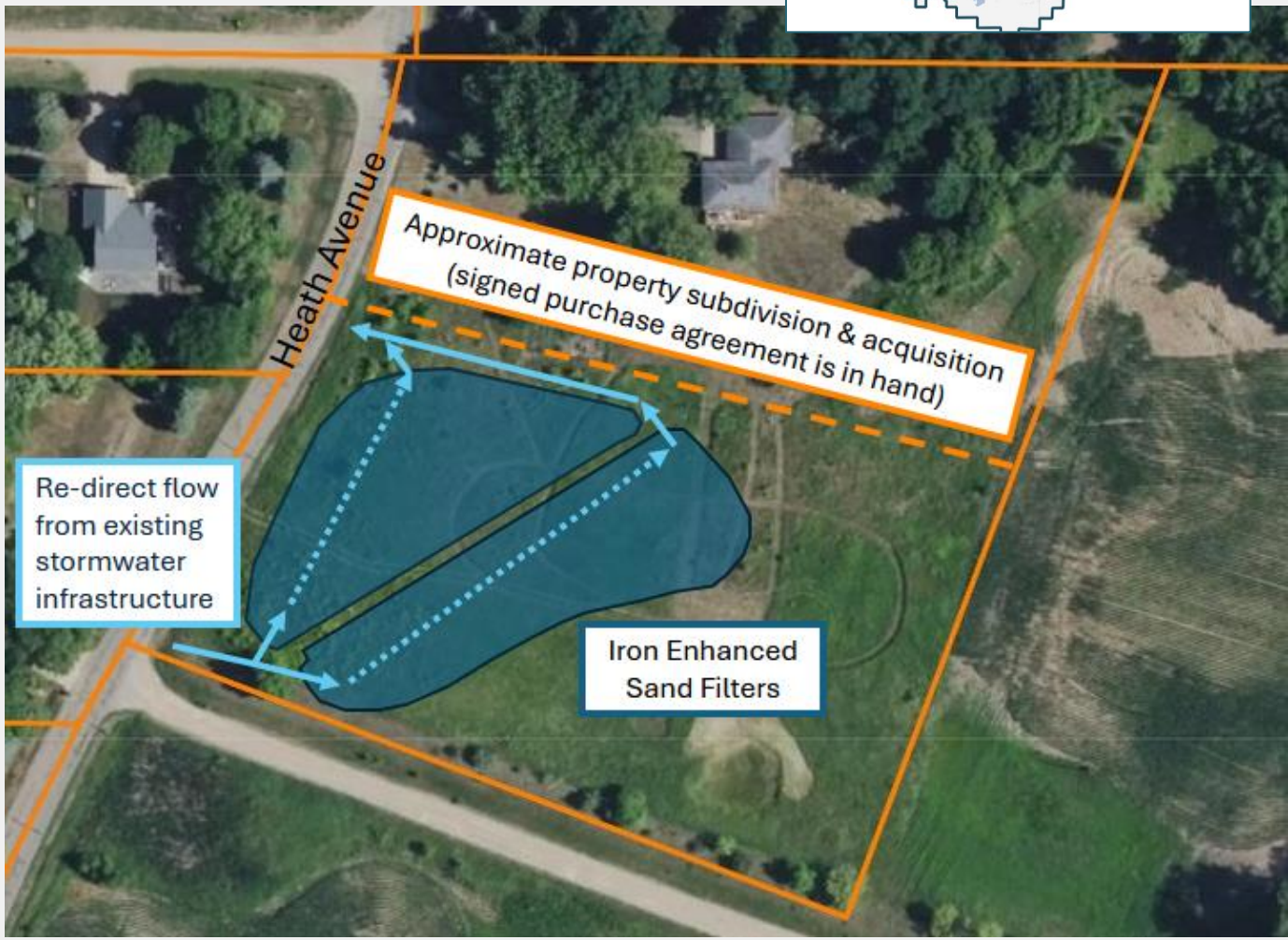
Property acquired on April 18th.

CLFLWD / City of Wyoming MOA for project implementation executed.

Clean Water Fund grant for project implementation released (~$1.5 million) on 3-4-25.

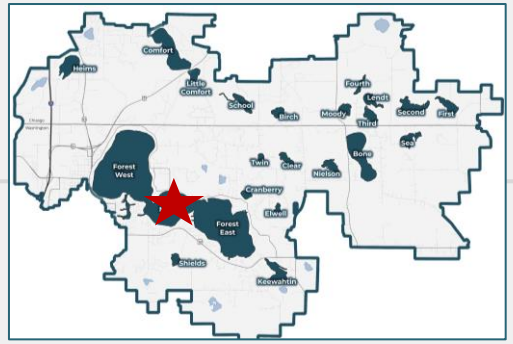
90% design underway

Project on-track for implementation in summer 2026.



Iron Enhanced Sand Filter concept

Forest Lake Alum Treatment



Project: Internal phosphorus loading reduction by the addition of Aluminum Sulfate to Forest Lake's middle basin

Project Phase 4: implementation

Benefit: ~527 lbs/yr internal phosphorus reduction for Forest Lake. Though applied only to the middle basin, the Alum treatment will improve water quality in all three basins.

Lifetime cost per pound phosphorus reduction: $100/lb.TP/yr

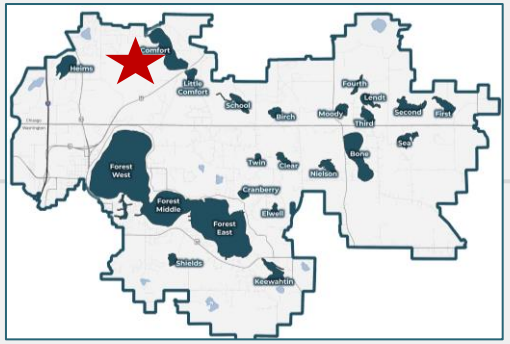
Status:

The second, and final, Alum application was applied Sept 30 – Oct 3 on FL middle basin.

Third basin DNR boat launch was used as the staging area

Project open house on Oct 1, and informative Alum meeting on Oct 2.

Goodwin Wetland Project



Project: stormwater wetland basin

Project Phase 2: feasibility

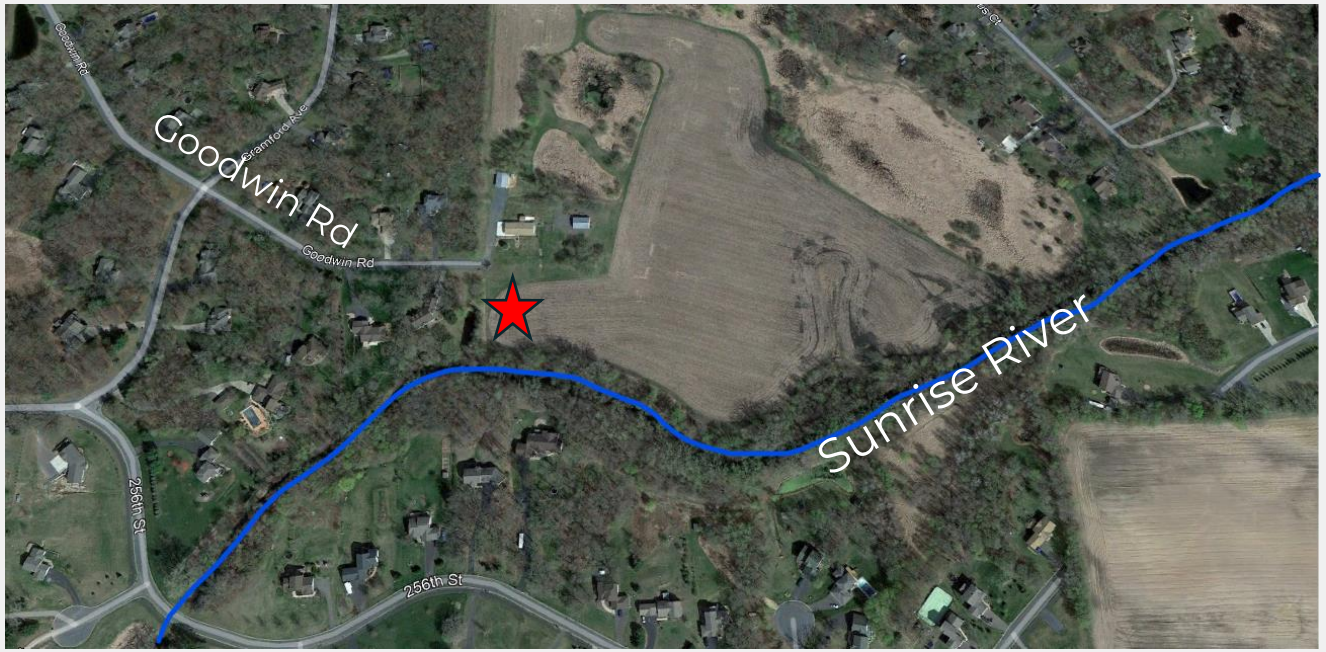
Benefit: tbd

Lifetime cost per pound phosphorus reduction: TBD

Status:

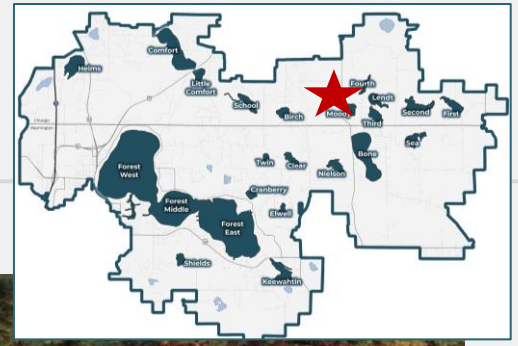
A BWSR Green Infrastructure grant in the amount of $225,800 was acquired for design and implementation of a stormwater wetland basin

Landowner outreach underway



The project would collect and treat stormwater from the Goodwin Rd drainage area before it reaches the Sunrise River and Comfort Lake.

Moody Lake Agriculture BMPs



Project:

Agriculture field to native planting conversion, non-structural agricultural practices – soil stabilization

Project Phase 4: implementation

Benefit: ~5 lbs phosphorus per year

Lifetime cost per pound phosphorus reduction:

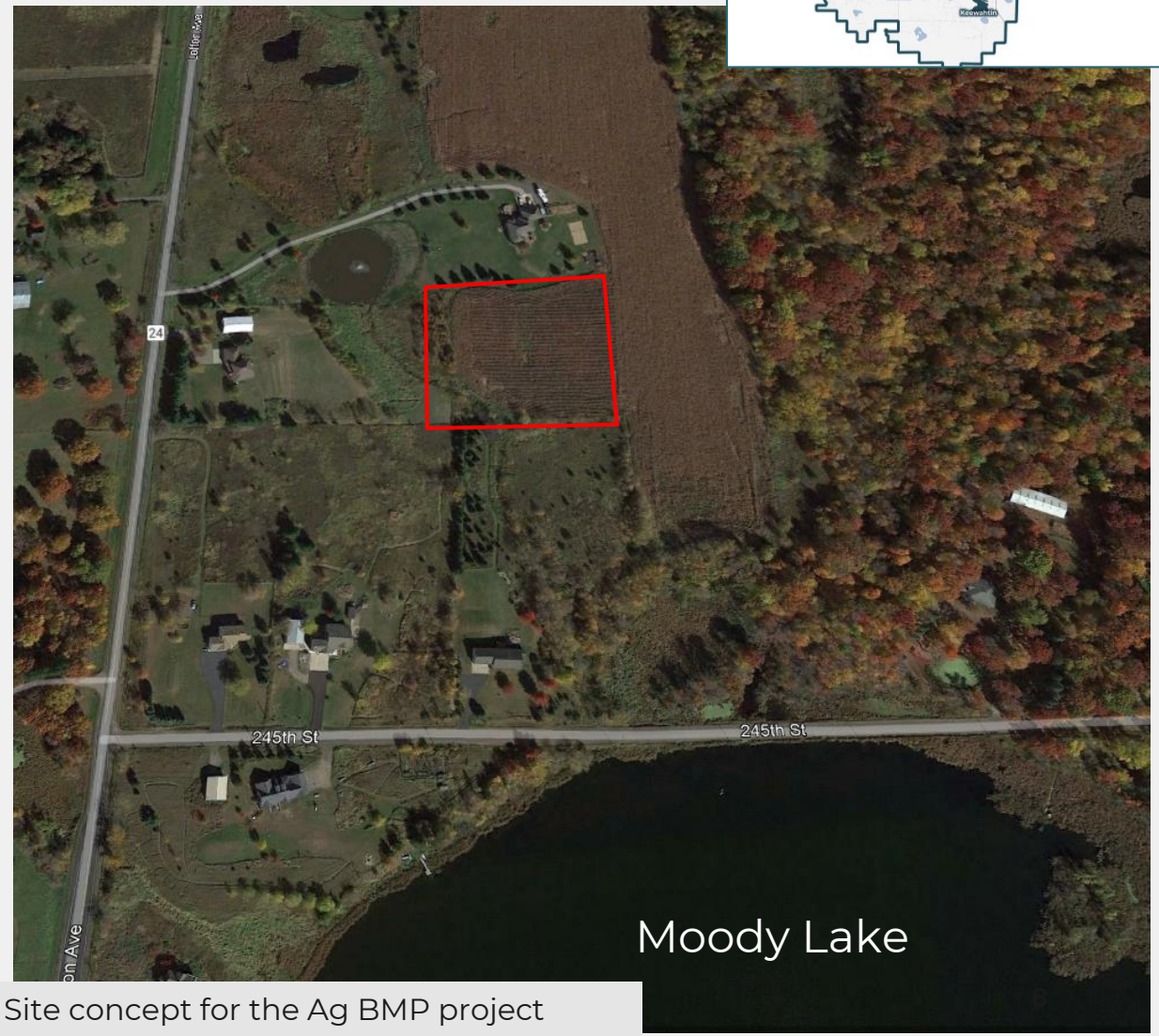
TBD

Status:

A rental agreement has been finalized for two acres of cropland.

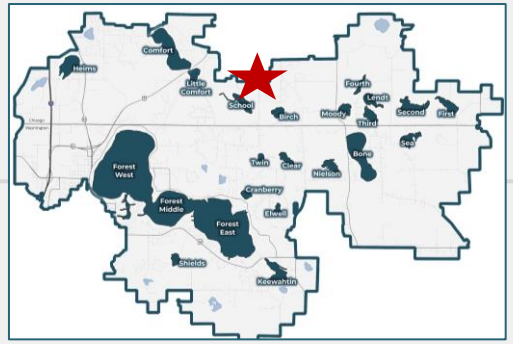
Site preparation is completed

Planting set to occur in October or November 2025.



Site concept for the Ag BMP project

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

Questions?