



# Project Update

*September 11, 2025*

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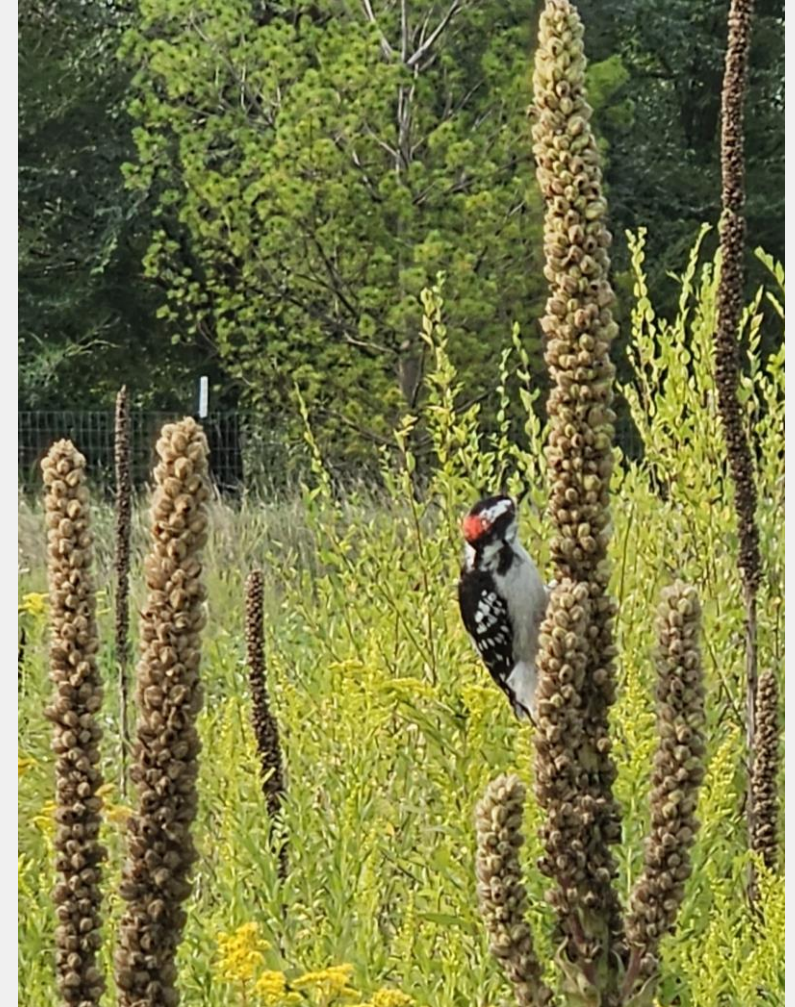


Forest Lake sunset



# 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.









# 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

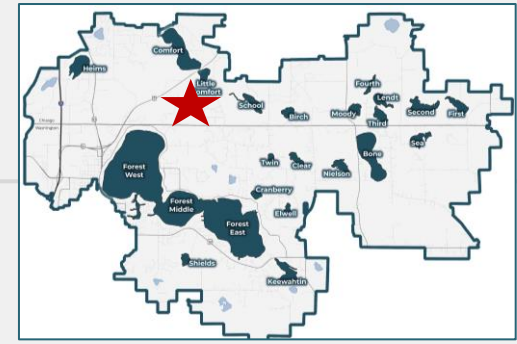
## - Phase 4 - Implementation

- + 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:**

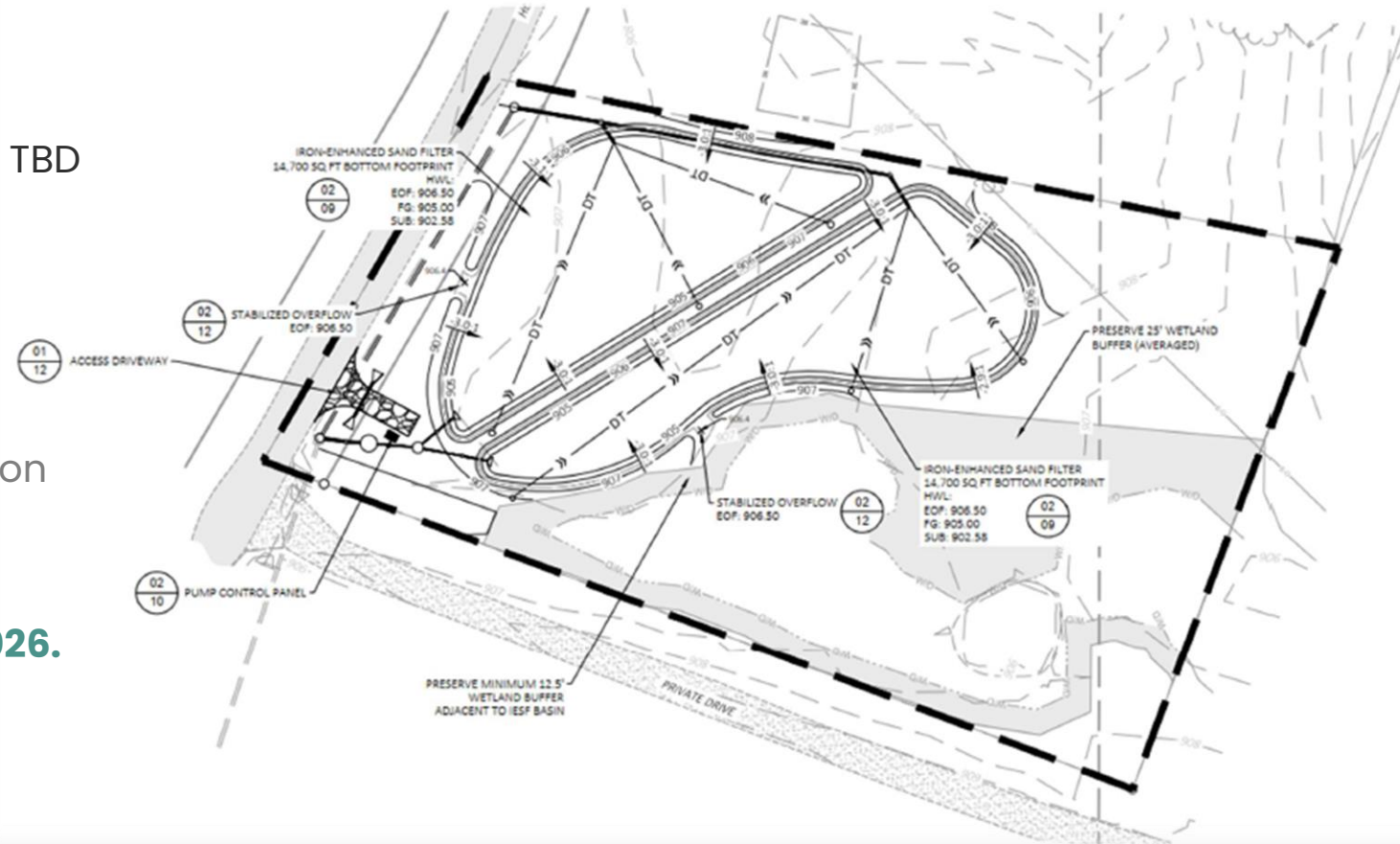
**Property acquired on April 18<sup>th</sup>.**

CLFLWD / City of Wyoming MOA for project implementation executed.

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

**60% design under review by Wyoming**

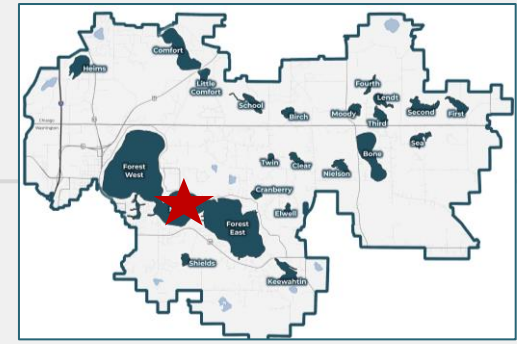
**Tentative project implementation in summer 2026.**







# 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:**

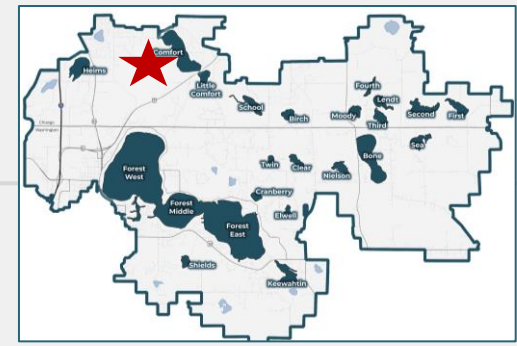
Third basin DNR boat launch to be used as the staging area

On track for second dose of the split Alum treatment this fall – early October





# Goodwin Wetland Project



**Project:** stormwater wetland basin

**Project Phase 2:** feasibility

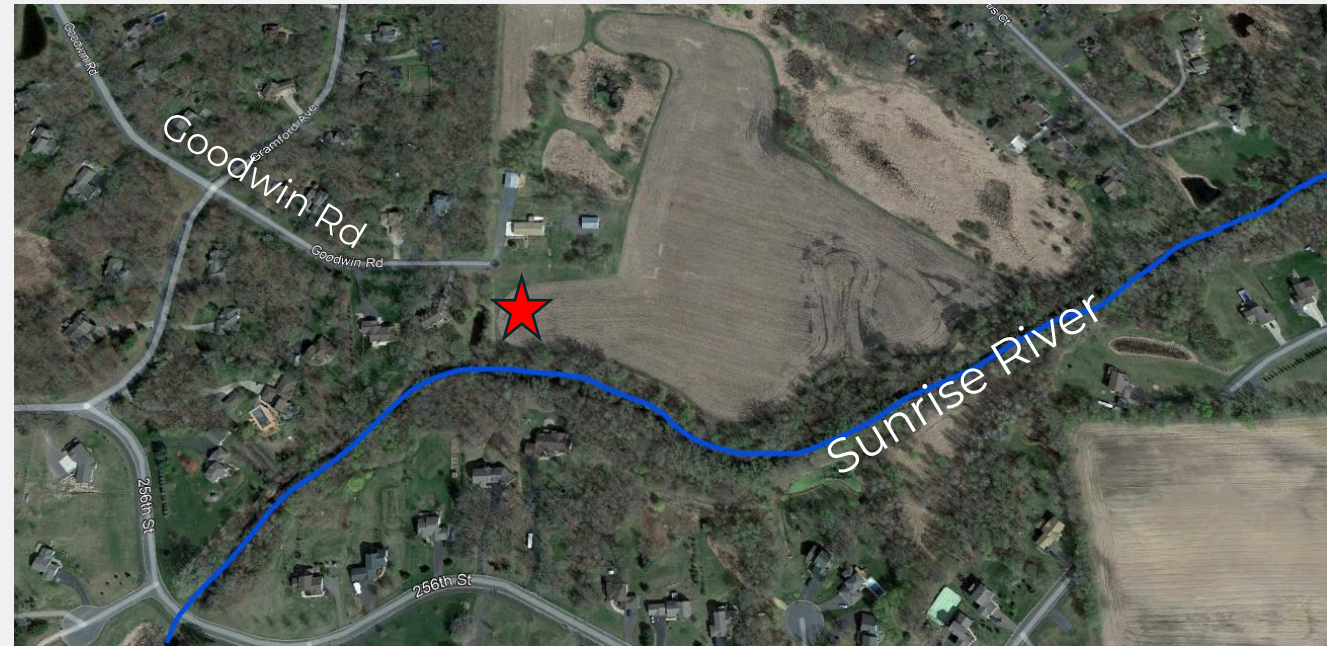
**Benefit:** tbd

**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

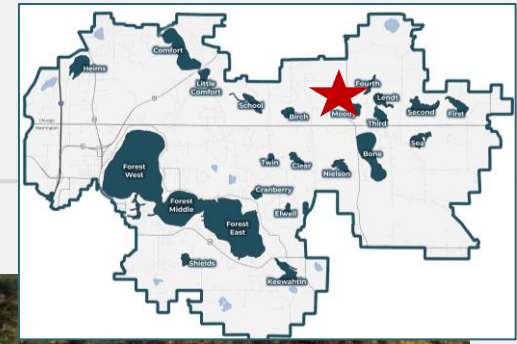


The project would collect and treat stormwater from the Goodwin Rd drainage area before it reaches the Sunrise River and Comfort Lake.





# 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 underway, with planting set to occur in October or November 2025.







# School Lake Agriculture BMPs

## **Project:**

Livestock manure facility improvements, non-structural agricultural practices.

## **Project Phase 2:** Feasibility

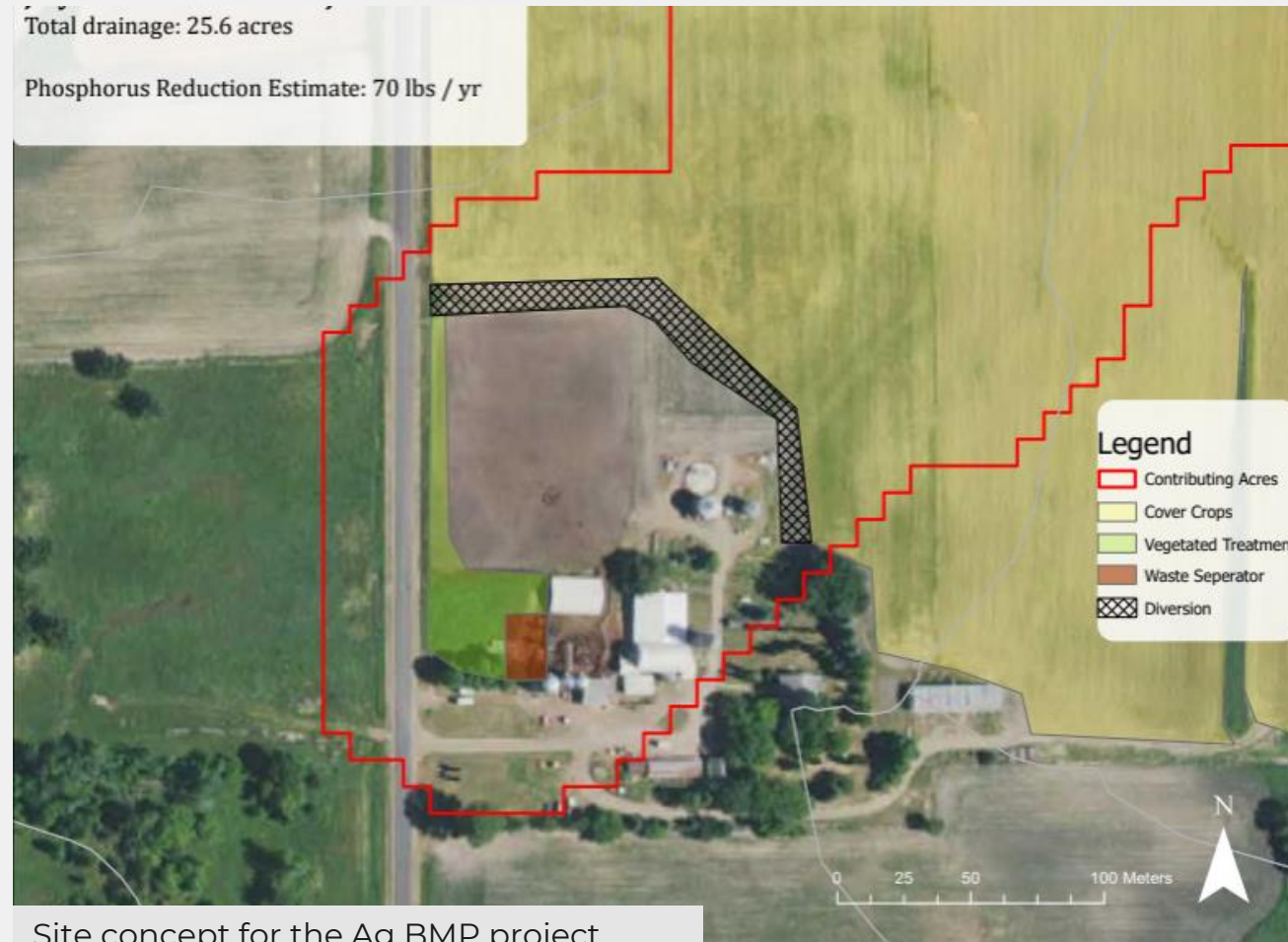
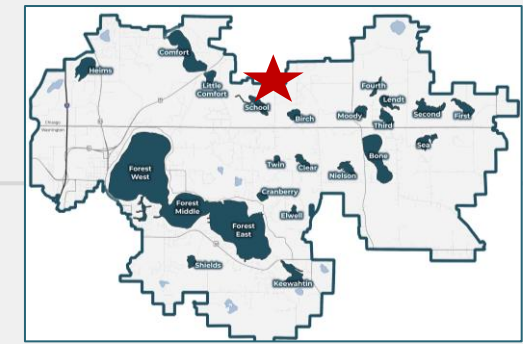
**Benefit:** ~61 lbs phosphorus per year

## **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.

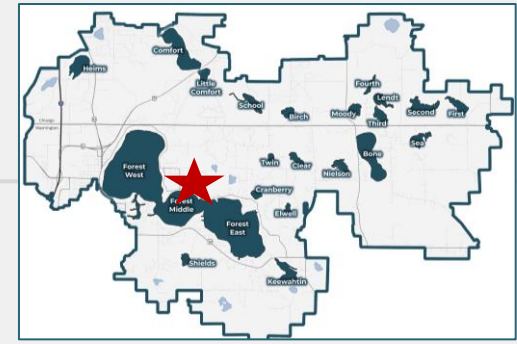


Site concept for the Ag BMP project





# North Shore Circle Park Shoreline Enhancement



## **Project:**

Shoreline restoration

**Project Phase 4:** Implementation

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

**Lifetime cost per pound phosphorus reduction:**

TBD

## **Status:**

Project installation complete on May 20th.  
Establishment maintenance will be completed by contractor through September of 2025.

The City installed a concrete pad and gravel path on August 5th.







**Questions?**

