

# Joint PLSLWD Board and Citizen Advisory Committee Annual Tour



**May 29, 2025**  
**4:00 PM to 6:00 PM**



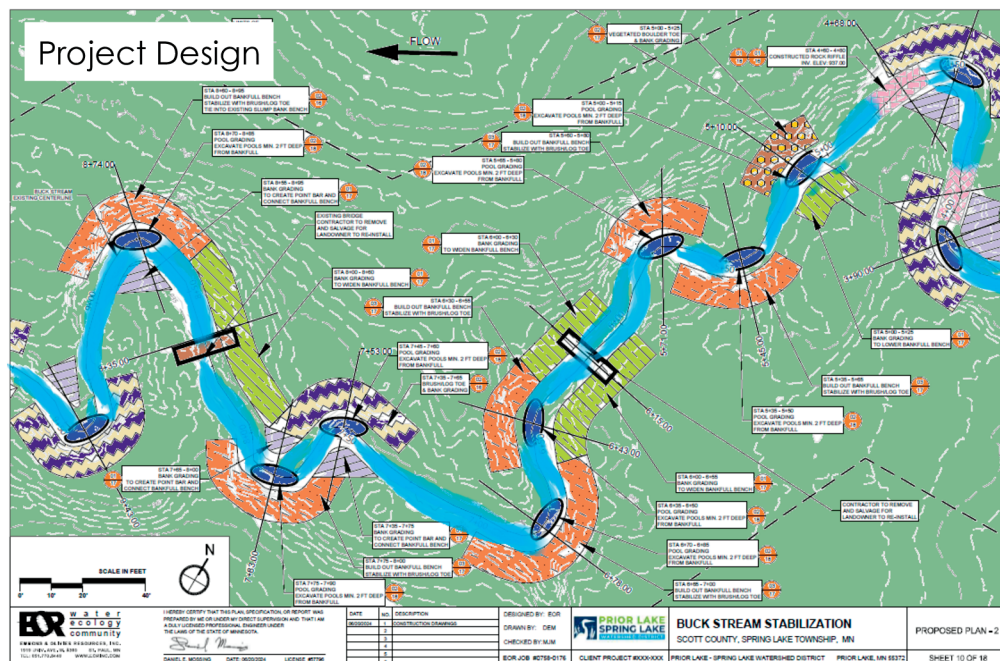


# Buck Stream Restoration Sites

- Streambank was washed out and eroded, contributing sediment and nutrients
- Streambank vegetation was primarily buckthorn, creating poor habitat and soil health/stability
- 2 willing landowners
- \$75,000 in Clean Water Funding



- 1,300 feet of streambank restored
- Stabilization will reduce 56 tons of soil, sediment, and phosphorus from entering Buck Lake each year





# Buck Stream Restoration Sites

Pre-Restoration Photos



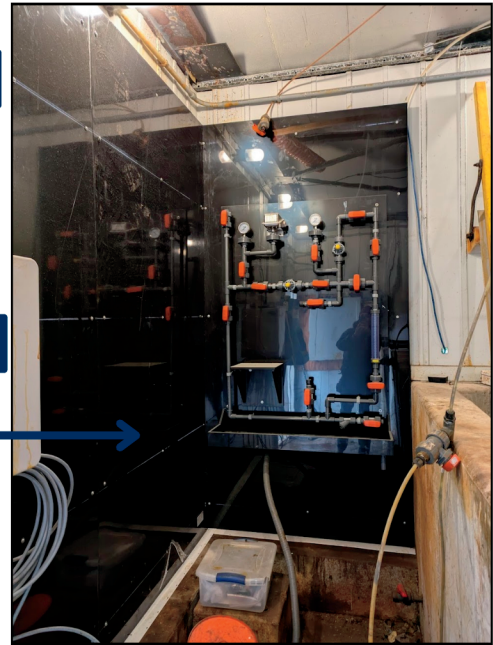


# Ferric Chloride Water Treatment System Improvements



Old pump and skid

New pump and skid



Building was built around the tank, preventing easy tank replacement

Garage door added to replace tank and for ease of access





# Ferric Chloride Water Treatment System Improvements



New tank provides double-walled containment and piping placement has been adjusted to safely refill tank.



Driveway modifications will improve safety and reduce lawn damage during ferric chloride deliveries.



# Prior Lake Outlet Channel Pipelining

Longitudinal crack

- Cured-in-Place Pipe lining "CIPP" will extend lifespan by 50 years
- Completed without excavation and minimal lane closures

Lining creates smooth surface for faster water exit



- 0.4 mile pipe
- 36 inch diameter
- over 40 feet deep in places

This project is supported by an MPCA Stormwater Resiliency Implementation Grant.

