

# PINE RIVER ADVISORY/POLICY COMMITTEE MEETING

Crow Wing SWCD

6/22/2023

# TODAY'S AGENDA

- Agenda **Approval**
- Secretary Report **Approval**
- Budget Report **Inform**
- Project Updates:
  - 5.1 Phase 1 Highlight Report (5 Minutes)
  - 5.2 2023 Project Outlook (15 Minutes)
  - 5.3 Education/ Outreach Plan (10 Minutes)
  - 5.4 Bolton and Menk Chloride Update (10 Minutes)
  - August 15<sup>th</sup>,16<sup>th</sup> Smart Salting Roads Training
  - August 29<sup>th</sup> Property Management
  - September 28<sup>th</sup> Parking Lots and Sidewalks
  - 5.5 Hollister Grazing Contract Updates (5 minutes)
  - 5.6 Federal 319 Grant (10 Minutes)
  - 5.7 Midwest Glacial Lakes Partnership Grant (10 Minutes)
  - 5.8 MN NRCS Grazing Specialist Application (10 Minutes)
  - 5.9 Pine/Leech Phase 3 Easement Application (10 Minutes)
  - 5.10 Crow Wing County Well Sealing Program Updates (10 Minutes)

## SECRETARY'S REPORT

- Nominate and elect a new secretary to replace Jim Ballenthin Cass SWCD

# BUDGET REPORT

- Chlorides Training- \$40,000
- Culvert Replacement- \$20,000
- Grant Administration- \$48,000
- Native Seed Drill- \$50,000
- Marketing/supplies- \$10,000
- Pasture Management- \$45,000
- Private Forest Management \$45,000
- Project Development- \$41,000
- Shoreline and Buffers- \$78,142
- Technical Assistance- \$50,000
- Whitefish Bathtub Model- \$55,000

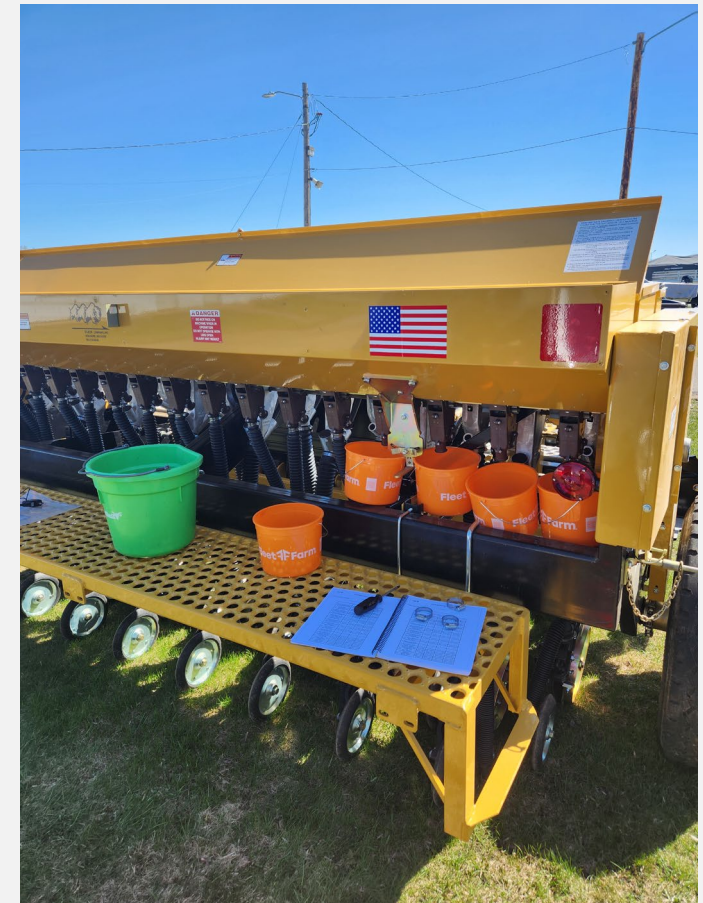
# CHLORIDES TRAINING

- Bolton and Menk Contract \$40,000 plus \$30,000 Federal 319 Funding
  - Smart Salting Trainings
    - August 15th Roads Crow Wing Land Services
    - August 16th Roads Cass County Land Department
    - August 29th Property Management Online
    - September 28th Parking Lots Online
  - Water Softener Discharge Calculator
  - Water Softener Campaign
  - Consult with Counties
  - Consult with Townships, Resorts, Cities

# CULVERT REPLACEMENT

- Nothing to report

# NATIVE SEED DRILL



## SUPPLIES/MARKETING

- \$10,000
- Crow Wing Stormwater Plan Videos
- Handouts for Lake Associations



# PASTURE MANAGEMENT

- Hollister Contract \$15,000
- Ag projects \$30,000
  - 5 producers that we are working with
    - 200 acres of cover crops
    - 250 acres of grazing management

# PRIVATE FOREST MANAGEMENT

- \$45,000
- Phase 1 29 plans, 3101.1 acres
  - 3 projects
- Phase 2 27 plans, 2227 acres
  - 3 projects
- Spent \$18663 plans plus \$7230 projects= \$25,983

## SHORELINE BUFFERS AND RAINGARDENS

- \$78,142
  - \$48,666 tied up in 8 projects
  - 1 Ada, 1 Roosevelt, 1 Pelican, 2 Ruth, 2 Ossi, Lower Whitefish
  - 55,715 Sq. Ft.
  - 700 Linear Ft of shoreline

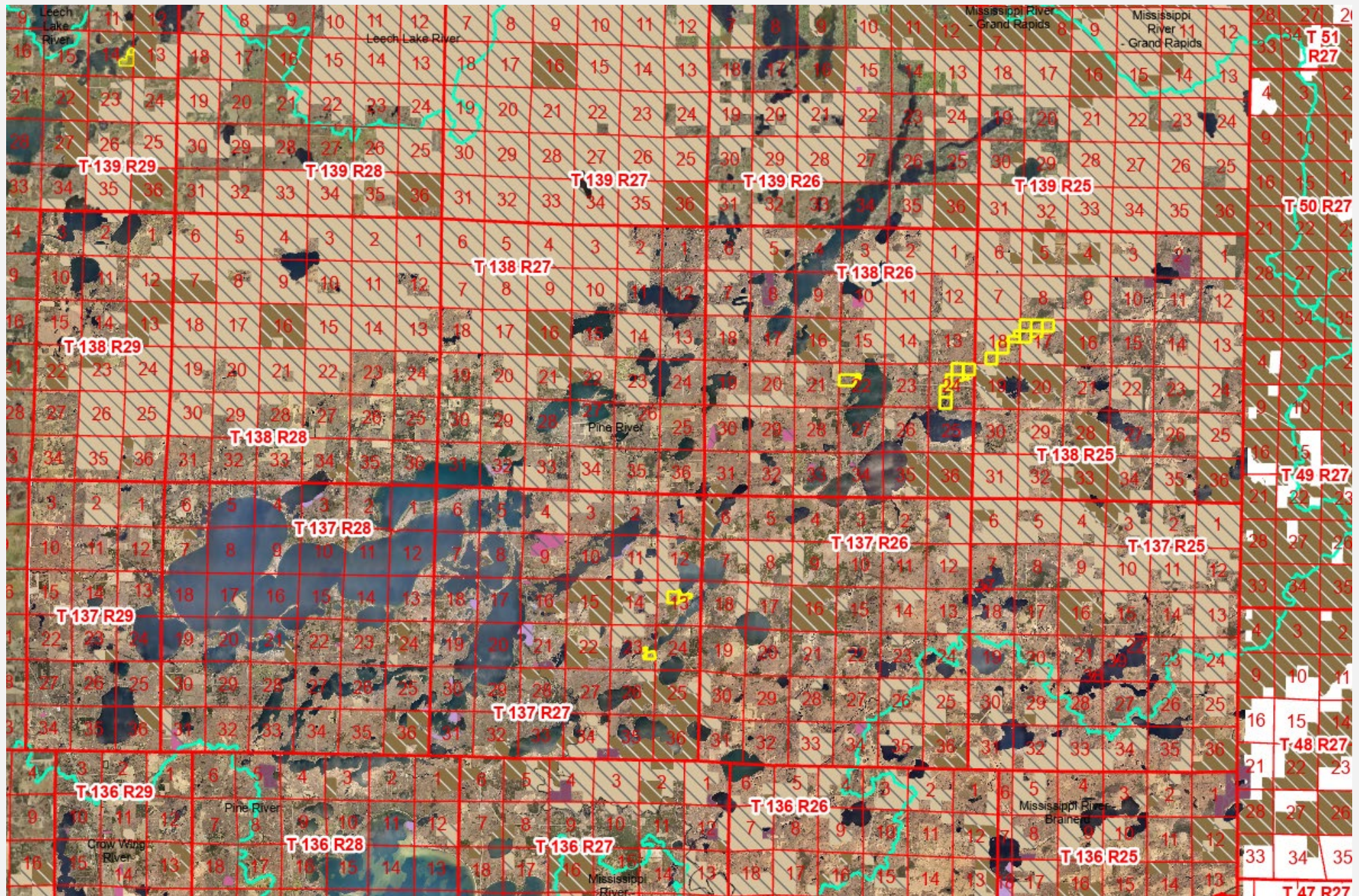
# WHITEFISH BATHTUB MODEL

- [Show Document](#)

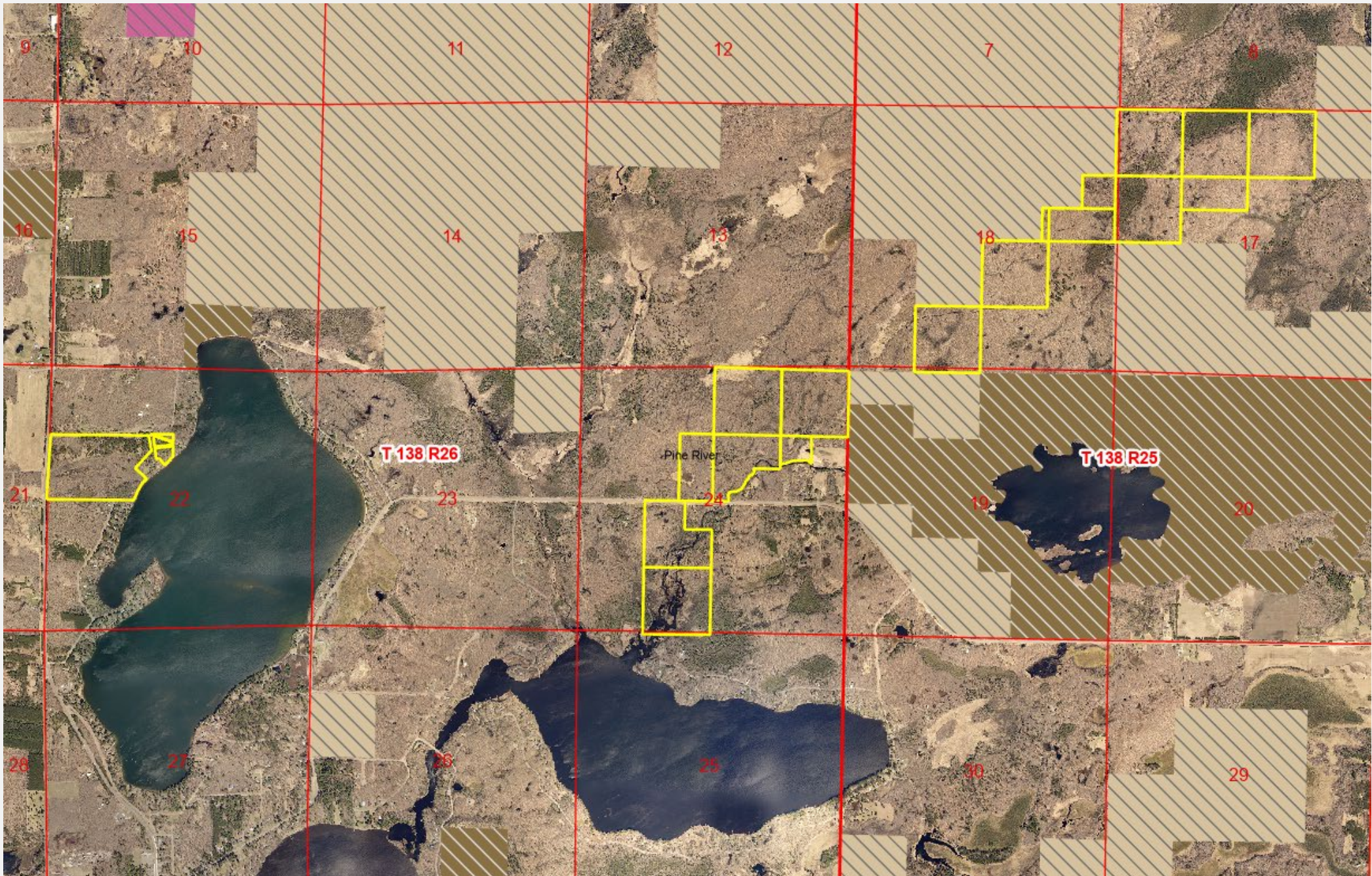
# PINE/LEECH PHASE 2 EASEMENTS

- [Show spreadsheet](#)

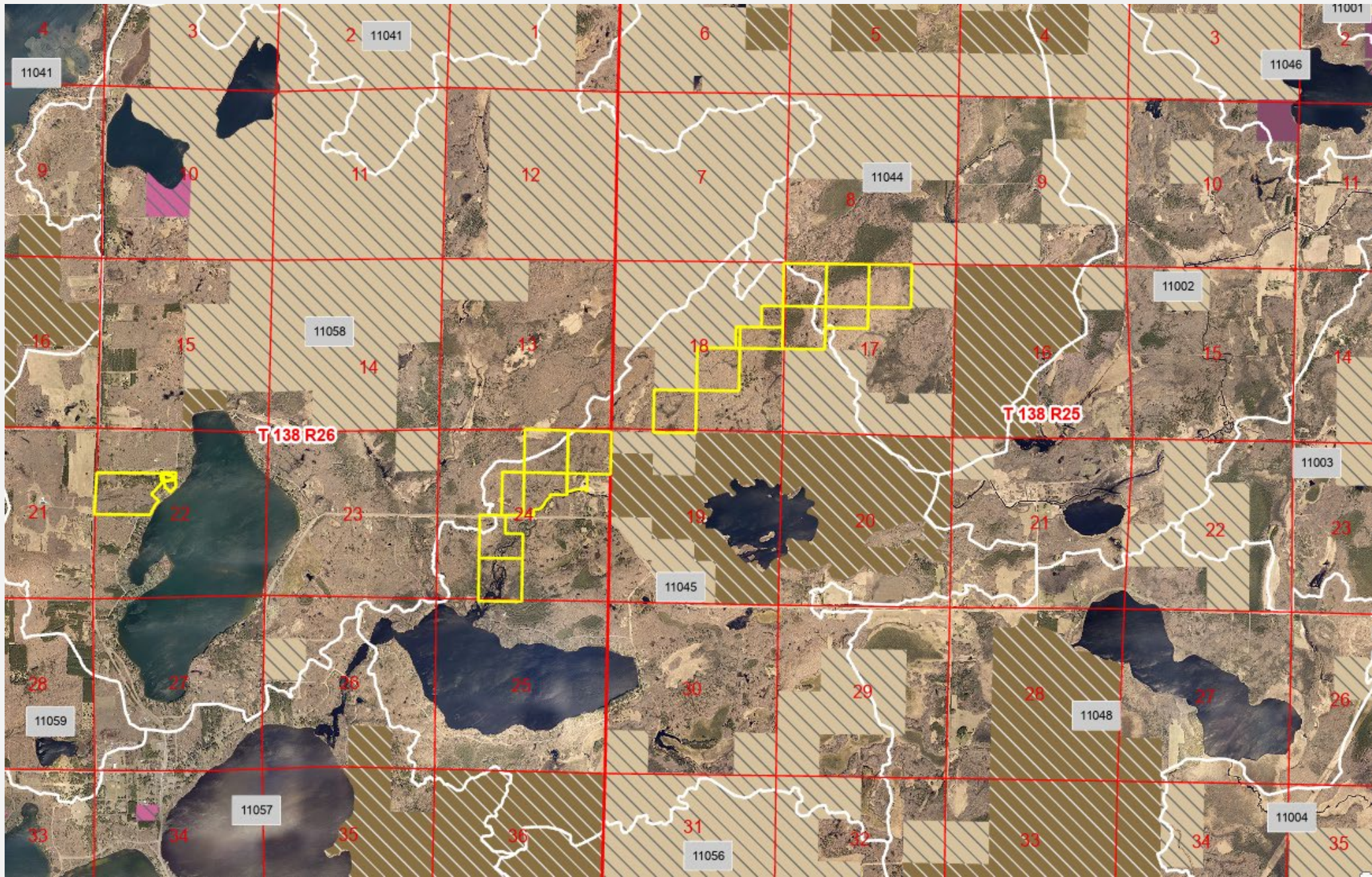








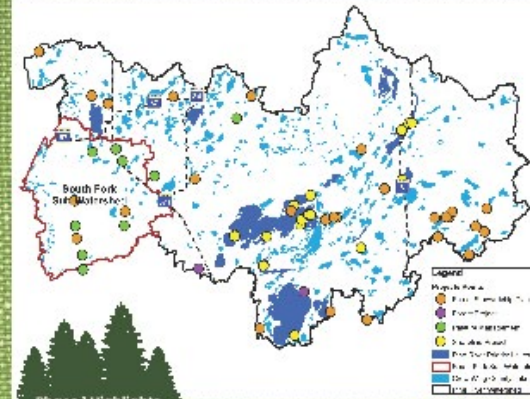






# HIGHLIGHT REPORT

## PINE RIVER WATERSHED 2019-2022 ACCOMPLISHMENTS



Phase I Highlights



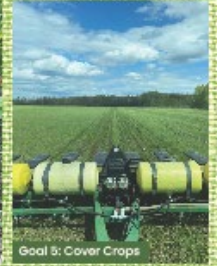
The Pine River Comprehensive Watershed Plan is a resource-based plan that recognizes the role of watershed partners to influence future watershed conditions and identifies specific activities that achieve common goals.

Money to private consultants - \$169,055.26  
 Money to landowners (cost share) - \$177,120.45  
 Landowner contribution (match) - \$118,090

<b>Goal 1: Private Forest Management</b>	Goal: Develop 20 Forest Stewardship Plans for 2,000 acres and implement 20 forest improvement projects  Result: Developed 28 Forest Stewardship Plans for 2,841 acres and 2 forest improvement projects
<b>Goal 4: Shoreline Buffers and Rain Gardens</b>	Goal: Install 16 near shore projects on developed lots  Result: Installed 17 shoreline projects on priority lakes. Total phosphorus reduction: 9.45 lbs./year
<b>Goal 4: Culverts</b>	Goal: Complete culvert inventory for Pine River Watershed  Result: Identified 423 culverts in the watershed on township and county roads, 22 culverts needed attention
<b>Goal 5: Pasture Management</b>	Goal: Complete agricultural conservation projects in the South Fork Sub-Watershed  Result: Reduced 119.69 lbs./phosphorus and 249.14 tons of sediment/year flowing into the Pine River and Whitefish Chain of Lakes
<b>Goal 7: Chloride training and Equipment</b>	Goal: Host 4 smart salting trainings to service providers and property owners  Result: Hosted 2 smart salting trainings to service providers and property owners



Goal 1: Tree Planting



Goal 5: Cover Crops



Goal 4: Shoreline Restoration and Buffer



Goal 5: Rainfall Simulator



Goal 7: Culvert Inventory

## 2023 PROJECT OUTLOOK

- Humphrey Streambank Restoration
  - Shawn Tracey Estimate: \$171,000
- Additional 5 shoreline/raingarden projects in the Pine on waitlist
- 17 site visits within Pine Watershed

## EDUCATION/OUTREACH PLAN

- Forest Stewardship- Andrew still has 150/175 outreach letters
- Shoreline- Attend 6 lake association meetings
  - Bertha-Clamshell, Ada, Ossiwinamakee, Goodrich Obrien, WAPOA, Fifty Lakes
- Pasture Walks Crow Wing Forage Basin
- Crow Wing County Shoreline Brochures/Videos

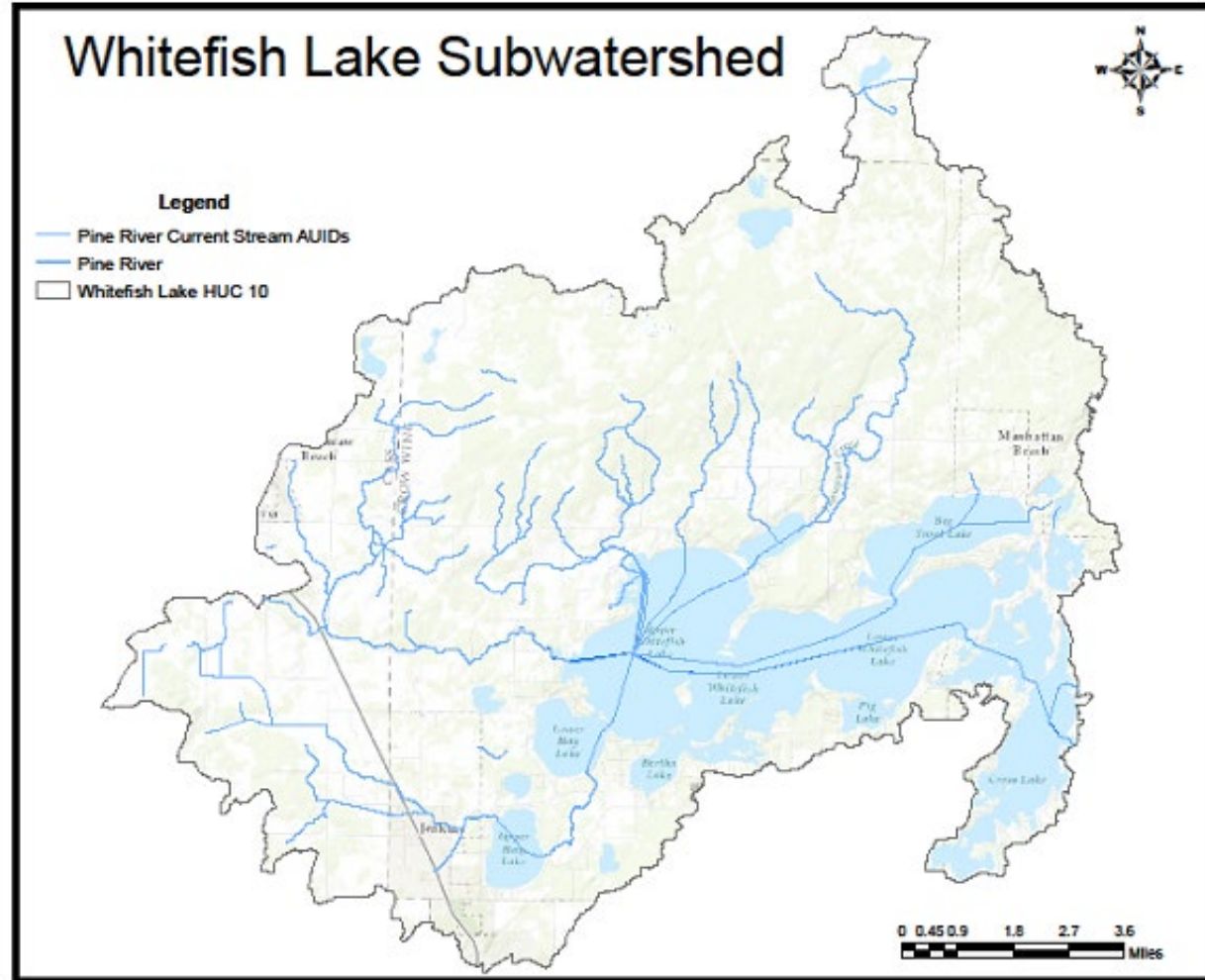
# BOLTON AND MENK CONTRACT

- Show signed contract

# HOLLISTER GRAZING CONTRACT

- Show contract

# FEDERAL 319



# 319 GRANT

- \$320,704
- Objective 1: Forest Stewardship Plans and Projects \$43,257.50
- 8 plans and 8 projects
- 2 plans currently
- Objective 2: Shoreline Buffers and Raingardens \$184,127.50
- 1470 linear ft of shoreline and 5000 cubic ft of rain garden
- 5 projects, \$4000 dollars left
- Objective 3: Pastureland
- 3 grazing plans for 300 acres (Just tracking)
- Objective 4: Two SSTS trainings
- Scheduled with MPCA for September 15th
- Objective 5: Bolton and Menk Contract and Discharge Calculator
- Objective 6: Whitefish Bathtub Model



# SAMPLING LOCATIONS





# MGLP

- Show budget

# MN NRCS GRANT

- [Show Application](#)

## PINE/LEECH PHASE 3

- Show Application

# CROW WING COUNTY WELL SEALING PROGRAM

- Discuss