

Bone Lake South Nature Area Informational Meeting

March 30 – 6:00 to 7:30 @ Scandia Community Center

Opening /Welcome –Manager Dave Bakke (5 mins)

Introduction –Administrator Mike Kinney (5 mins)

**Presentation – Project Coordinator Blayne Eineichner & (30 mins)
Land Management Specialist Aidan Read**

Q&A (20 mins)



Manager Dave Bakke

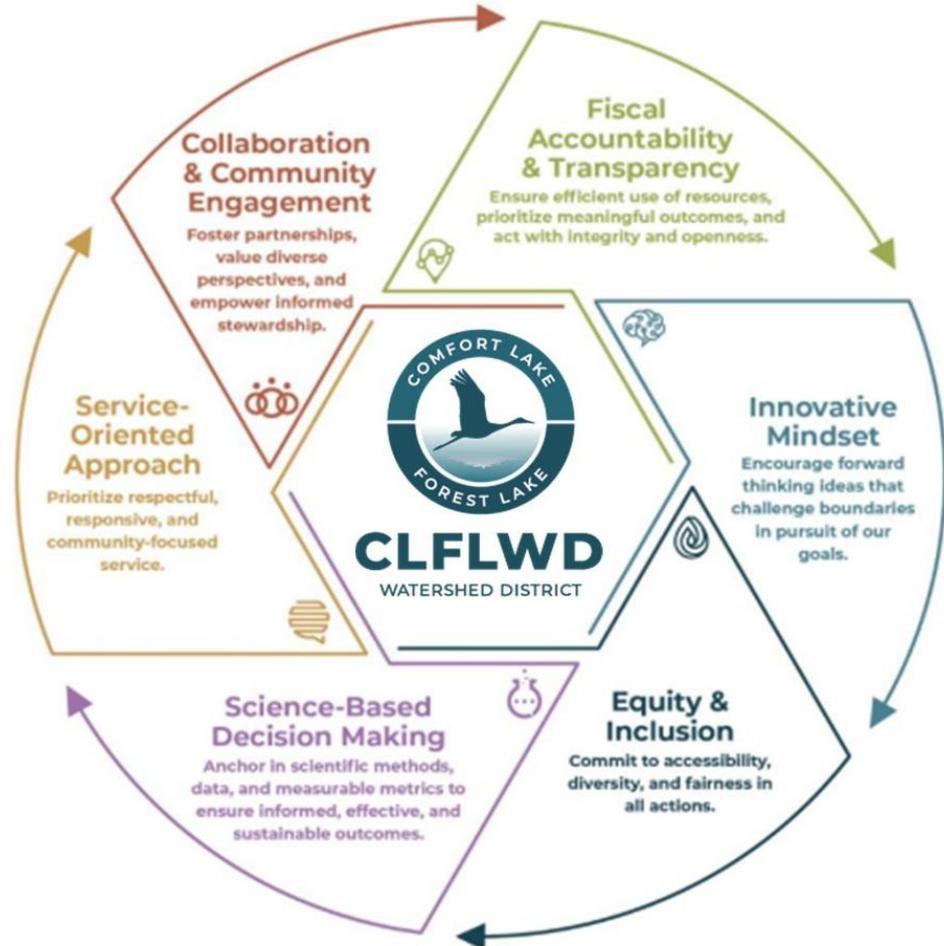
CLFLWD Secretary
2021 - present





Administrator
Mike Kinney
2014 - present

Values



Vision

We see a future of continued collaboration with our citizens and communities that improves and sustains the quality of water resources.

Mission

Our mission is to protect and enhance local ecosystems and natural water resources.



CLFLWD
WATERSHED DISTRICT

Bone Lake South Nature Area





Location

238 acres

~120 acres wetland

Diverse habitat types

Abundant wildlife





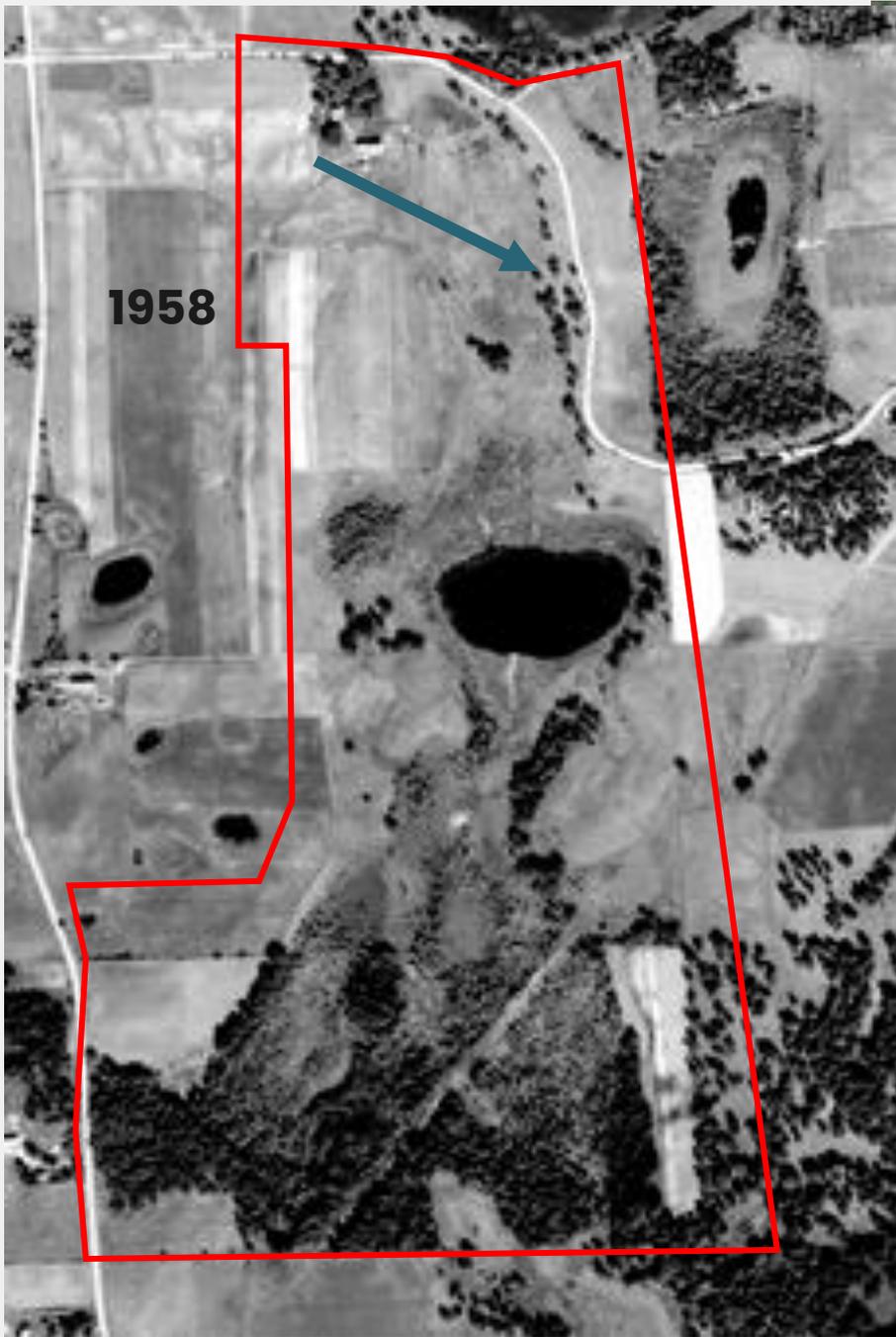
History

238 acres acquired of the greater 319-acre farmstead

Farmed for over 40 years by Roger Larson

Contains section of old county road







Acquisition (Bone Lake South Phase 1)

Funding

Outdoor Heritage Fund (MN State Legislature, LSOHC)

Conservation Partners Legacy (MNDNR)

- \$2.37 million in total

Local tax dollars used for grant match

- ~\$90,114, staff hours/legal services/consultants

+4-year acquisition process

- Began with permission to collect wetland soil cores in 2021
- Negotiations with Mr. Larson 2022-2024
- Purchased in Dec 2025 from Roger Larson's estate after his passing late 2024
 - Bev Jagiello



For every \$1 tax funds, the CLFLWD leveraged ~\$27 in grant funding





Why this property?

- Unique habitats
- Large contiguous tract of land
 - 238 acres
 - 120 acres of wetland
 - ~198 acres with a buffer
- Wildlife Habitat / Benefits
- Flood storage potential
- Wetland Legacy Load removal
 - Bone Lake WQ improvement





Unique Habitats

- Remnant Oak Savanna/prairie
- Open water – ponds
- Wetlands – cattail, deep marsh, fen, Tamarack swamp, wet meadow
- Mixed Northern Hardwood Forest



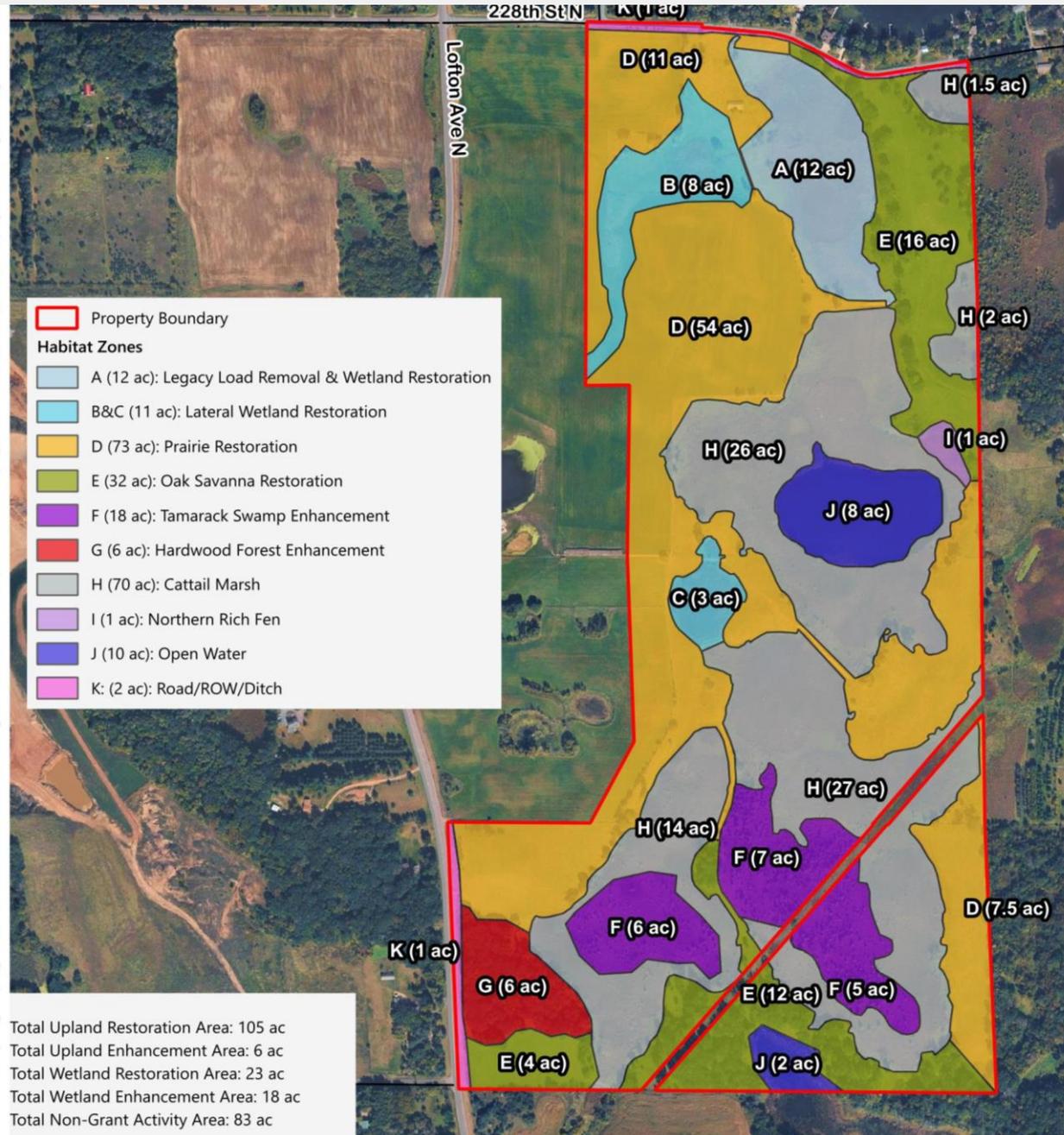


Multiple habitat types
Rich in Wildlife

Upland / Forest / wetland

Several Wetland types

- Northern rich fen
- Open water
- Cattail marsh
- Wet meadow
- Tamarack Swamp





Wildlife Benefits

Indicator Species



Monarch Butterfly

Convert 100+ acres of cropland to oak savanna or restored native prairie estimated to grow an additional 500+ new stems of milkweed and produce an additional 250+ monarch butterflies. (LSOHC Guidance 2016).

At Risk



Rusty Patch Bumblebee

Native prairie/oak savanna provides habitat for pollinators such as rusty patch bumblebee

Endangered



Trumpeter Swan

Proposed restoration/management of 119 acres of wetland with associated open water provides breeding, nesting and foraging habitat for one additional breeding pair of trumpeter swan, (LSOHC Guidance 2016).



Mallards

The proposed 119-acre wetland restoration supports the life history requirements of an additional 48 mallard ducks (LSOHC Guidance 2016).



Blanding's Turtle

12 element occurrence observations of Blanding's turtles within a 2.5-mile radius of site (NHIS database, 2022).

Threatened



White-Tail Deer

Critical habitat for white-tail deer, supporting an additional 6 deer per 300 acres of restored habitat (LSOHC Guidance 2016).



Tamarack Swamp





Open Water with Cattail Fringe





Mixed Hardwoods





Remnant Savanna / Prairie

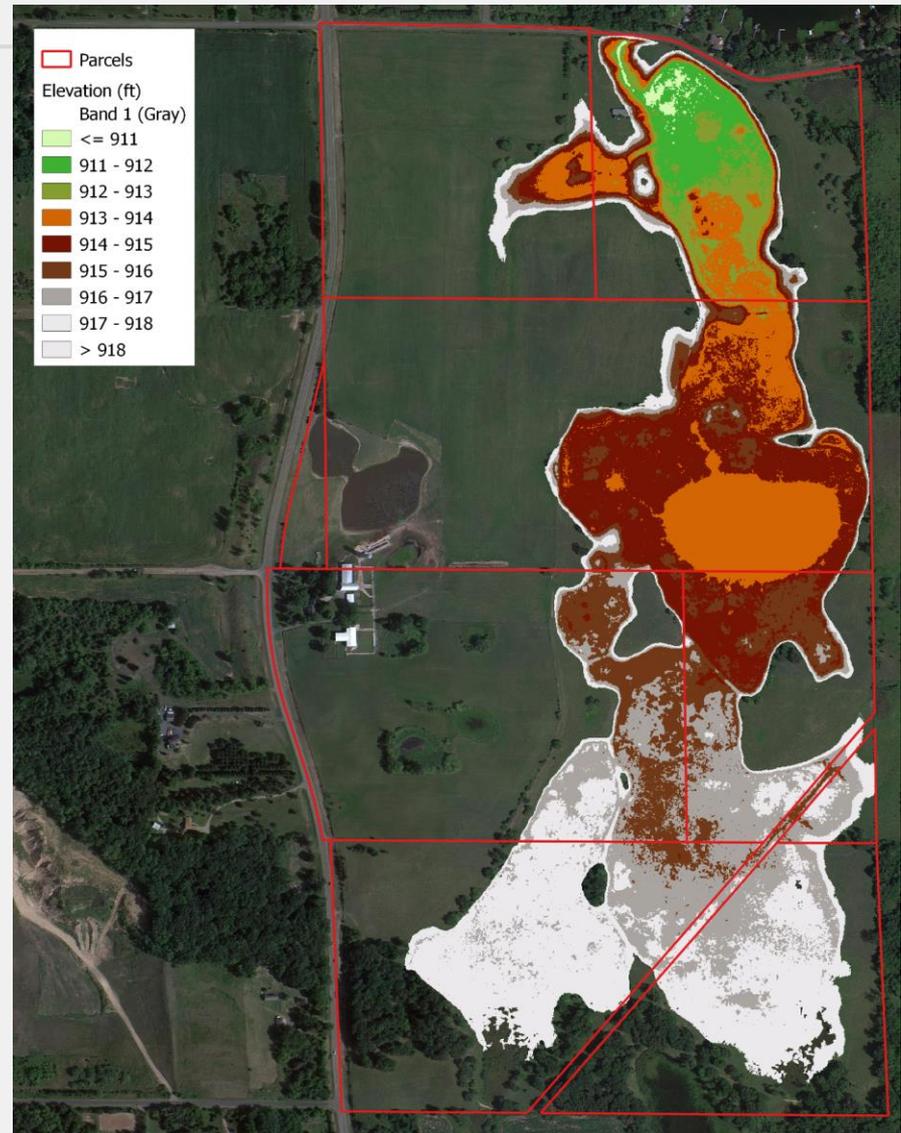




Flood Storage Potential

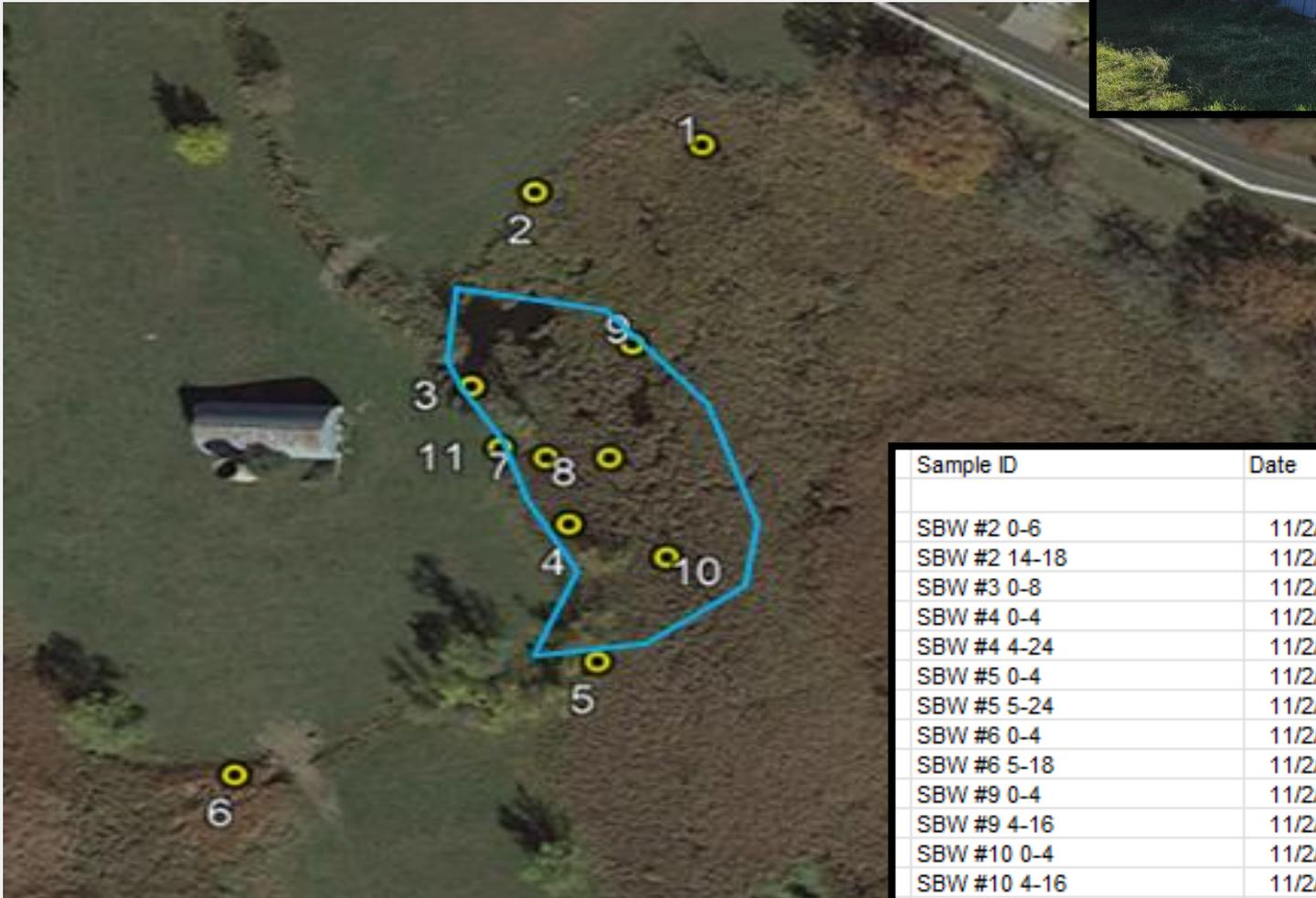
Wetlands capable of buffering Bone Lake from a large rain events.

~120-acre wetland complex for potential flood storage





Water Quality Improvement



Wetland Legacy Load

Sample ID	Date	TP	%
		mg/kg dry	organic Matter
SBW #2 0-6	11/2/2020	540	62
SBW #2 14-18	11/2/2020	290	74
SBW #3 0-8	11/2/2020	1800	58
SBW #4 0-4	11/2/2020	1100	17
SBW #4 4-24	11/2/2020	2000	53
SBW #5 0-4	11/2/2020	490	48
SBW #5 5-24	11/2/2020	420	58
SBW #6 0-4	11/2/2020	670	39
SBW #6 5-18	11/2/2020	580	63
SBW #9 0-4	11/2/2020	560	17
SBW #9 4-16	11/2/2020	520	14
SBW #10 0-4	11/2/2020	1000	36
SBW #10 4-16	11/2/2020	1100	35
SBW #11 0-8	11/2/2020	1300	65



Water Quality Improvement



1953



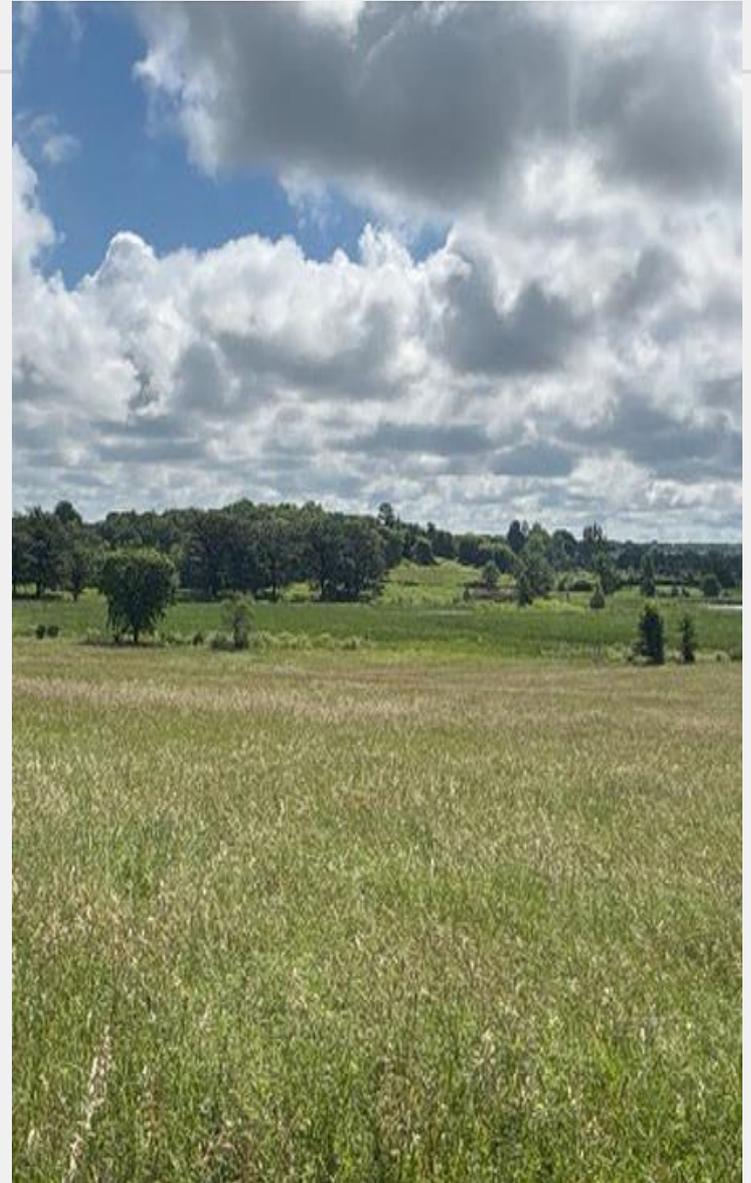
Restoration Funding

2026 Outdoor Heritage Fund grant for Property Restoration

(MN State Legislature, LSOHC)

Bone Lake South Phase 2

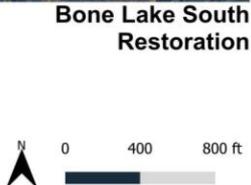
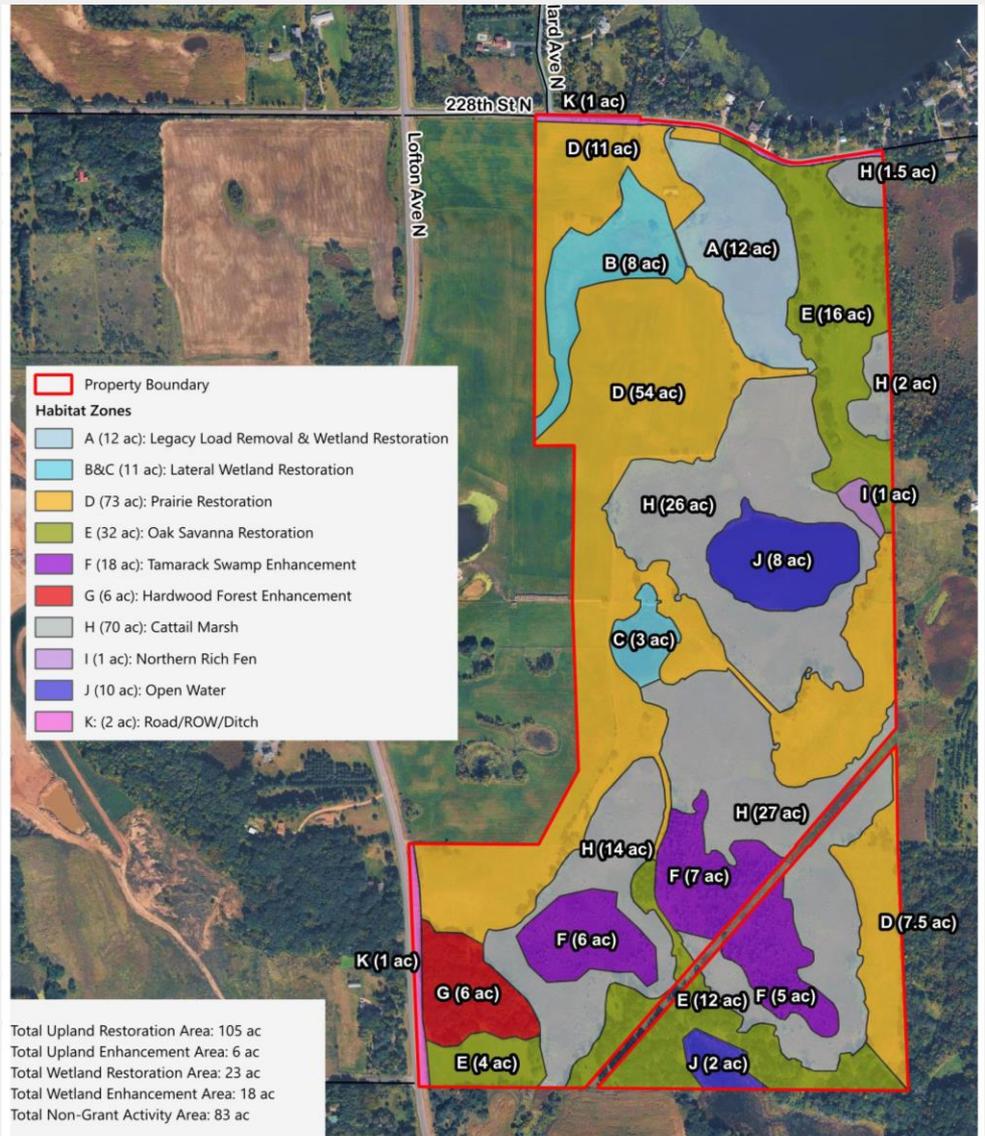
anticipate \$1,432,000 available July 1, 2026





Restoration

- Oak Savanna / Native Prairie Establishment
- Forest Enhancements
- Legacy Load Removal / wetland restoration
- Public access / trails





Restoration

- Oak Savanna / Native Prairie establishment





Restoration

- Forest Enhancements



Invasive Species Removal



Restoration

- Legacy Load Removal / wetland restorations



Legacy Load Removal



Lateral wetland / hydrology restoration



Public Access

Nature Area Access / trails

- +3 miles trail
- Proposed trail locations



Nature Area Open to Public 2027/2028 after restoration efforts complete

- Non-motorized access
- day use only – open dawn to dusk



Currently Closed to Public Access

Why?

- No current parking / access
- No perimeter fence separating private lands
- Active restoration activities underway soon

BONE LAKE SOUTH NATURE AREA

PLEASE KEEP OUT

**No Unauthorized Access Until Further Notice
Wildlife Habitat Restoration Underway**

Property owned/managed by the Comfort Lake-Forest Lake Watershed
District.

651.395.5850

WWW.CLFLWD.ORG



Proposed Timelines

2026 – Planning, site prep, property clean up

2027 – Prairie and Oak Savanna

- Parking lot

Winter: Legacy Load Wetland

2028 – Forest Enhancement

- Trail development

2029 – Lateral Wetland Enhancement

2030 – Tree Planting of Oak Savanna

2031 – Prescribed burn/conservation grazing





Management Plans



Management Plan currently in development

- Based on funding stipulations and District core values / goals
 - Open to public comments / ideas
- CLFLWD Board will ultimately dictate management





Public Interest

Appreciate all the Public Support / Excitement!

- Ask for patience during restoration
- Potential future volunteer opportunities
 - Staff will reach out when ready
 - Invasive spp. removal, barn maintenance, trail mowing, fence repair, native planting, nest box building/installation, fund raising / donations





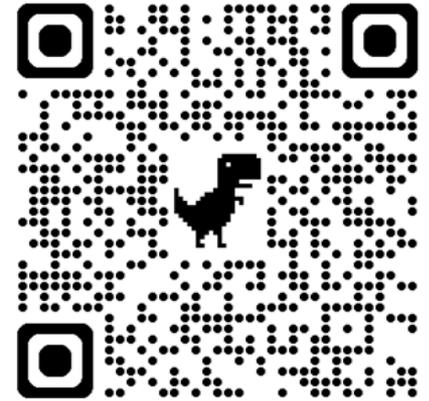
For More Information

Please go to www.CLFLWD.org

or

Join our BLSNA email list

<https://lp.constantcontactpages.com/sl/2hZO8ks>



Contact Staff

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Aidan Read – Land Management Specialist

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Bobolink

Dolichonyx oryzivorus

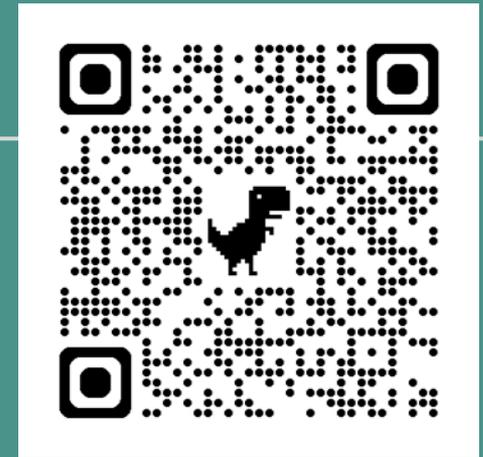


Thank You





Q & A



Monarch Butterfly



Blanding's
Turtle



Rusty Patched Bumblebee



Trumpeter Swan



Mallards