

# Lessard-Sams Outdoor Heritage Council

## Fiscal Year 2021 / ML 2020 Request for Funding

HRE 10



**Date:** May 31, 2019

**Program or Project Title:** East Twin Lake Outlet Establishment

**Funds Requested:** \$718,300

**Manager's Name:** John Biren

**Title:** Lyon County SWCD Manager/Planning and Zoning Administrator

**Organization:** Lyon County SWCD

**Address:** 1424 East College Drive

**Address 2:** Suite 600

**City:** Marshall, MN 56258

**Office Number:** 507-537-1401

**Mobile Number:** 507-591-2002

**Email:** johnbiren@co.lyon.mn.us

**Website:** www.lyonco.org

**County Locations:** Lyon

**Eco regions in which work will take place:**

- Prairie

**Activity types:**

- Restore
- Enhance

**Priority resources addressed by activity:**

- Wetlands
- Habitat

### Abstract:

Lyon County SWCD and concerned landowners are working towards the establishment of a permanent outlet on East Twin Lake. East Twin, a landlocked lake, is experiencing a drastic and destructive increase in water level. The lake is currently 20 feet higher than the Ordinary High Water Level. This increase has eroded shorelines and buffers, killed shoreline Oak trees, flooded the public water access landing and multiple township roads, caused destruction to adjacent landowners, and is close to impacting the nearby hard-bottom, reed dominated nearby lakes. With funding, a permanent outlet will mitigate future destruction and protect existing natural resources.

### Design and scope of work:

East Twin Lake is located in Shelburne Township, Sections 20,29,32 and 33 of Lyon County. This project was first addressed after concerned landowners approached the Lyon County SWCD for assistance with the rapidly rising water levels. A landowner meeting with the SWCD staff was held to address the issues and discuss the desired outcomes. After this productive meeting, Lyon County SWCD hired Bolton & Menk, Inc, to conduct a feasibility study of permanent outlet options. During this process, Lyon County SWCD staff continued to hold meetings with the engineering firm, local DNR staff and landowners. The following paragraph summarizes the preliminary plans based on the recommendations of the landowners, local DNR staff and the consulting engineering firm:

An outflow (stop-log) control structure will be installed at the northeast end of the lake. From structure, water will flow into an underground 18"-24" drainage pipe and will outlet 6500' to the northeast into Nyroca Flats Wildlife Management Area. Nyroca Flats has an existing water control structure in place to offset impacts from the lake drainage. The outflow control structure will be permanently set at the target elevation of 1687 MSL, which will effectively lower East Twin Lake by 10'. This target elevation was collaboratively agreed upon with consideration to the existing shoreline, buffers, fish habitat, public access boat ramp and affected landowner properties. To protect the nesting habitat in the WMA and affected landowners downstream, the outflow structure will only be utilized from October 1 to March 15 (winter draw down). DNR and SWCD staff have been willing collaborators on this project, and both parties are accommodating each other's rules and regulations.

The outflow control structure will be placed in a Public Waters basin above the established Ordinary High Water Level of 1676 MSL, and outleted to a DNR owned WMA. These structures will require an operation and management plan and will be managed by a County or State agency. The underground drainage pipe will be placed across an agricultural field. The landowner has expressed many times to SWCD staff and other working agencies that he will grant an easement to allow this pipe to be placed across his land.

This project has 100% landowner cooperation and willingness, county support, cooperation and full support of DNR staff, engineering firm and Lyon County SWCD.

With the outlined plan in place the destruction of the shorelines, fish spawning habitats, nesting birds and waterfowl habitat will decrease. Once the outlet and water level is established, landowners, local, state and federal agencies can proceed with restoring the shorelines, managing the fishery, implementing buffers and other best management practices, and restoring and enhancing habitat for wildlife. Section 33 Lake, the hard-bottom reed dominated lake located to the south of East Twin, provides excellent habitat for diver ducks because of the pristine condition of the lake and the presence of fresh water shrimp. The outlined plan will ensure the future of Section 33 Lake.

The Bolton & Menk, Inc. study is attached.

### **Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this project:**

- H2 Protect critical shoreland of streams and lakes
- H3 Improve connectivity and access to recreation

### **Which other plans are addressed in this proposal:**

- Lyon County Local Comprehensive Water Management Plan, Lyon County Hazard Mitigation Plan

### **Describe how your program will advance the indicators identified in the plans selected:**

Lyon County Local Comprehensive Water Management Plan (December 2018 Amendment) purposes are to identify existing and potential problems and opportunities for the protection, management and development of water and related land resources; and to develop objectives and carry out a plan of action to promote sound hydrological management of water and related land resources and effective environmental protection. In Section 3 - Implementation Plan (pg. 8) "Secure funding to protect East and West Twin Lakes shoreland" is stated as a local priority.

Lyon County Hazard Mitigation Plan (August 2016) aims to determine how to reduce property damage and loss of life resulting from natural and man-made hazards as well as provide information and assistance to County Residents and interested parties. On pg. 108 the Plan states that when local resources are not adequate, additional assistance would be needed for severe or prolonged floods.

### **Which LSOHC section priorities are addressed in this proposal:**

#### **Prairie:**

- Restore or enhance habitat on public lands

### **Describe how your program will produce and demonstrate a significant and permanent conservation legacy and/or outcomes for fish, game, and wildlife as indicated in the LSOHC priorities:**

East Twin Lake is quoted in the DNR fishery report as having the highest ever electrofishing catch of Smallmouth Bass as of 2016. Creating a stable, consistent water level will help management of this fishery stay consistent and allow the fish species adequate habitat and spawning structure. Along with the management benefits, the public will be able to utilize the public water boat landing that is currently under water, and take advantage of the hard to come by Smallmouth Bass fishery in Southwest Minnesota. By completing this project and lowering the water level on East Twin Lake, Section 33 Lake will no longer be in danger of being adversely impacted and the hardbottom, reed-dominant, abundant waterfowl lake will remain. The shorelines will stop eroding and the wildlife and vegetation that utilize these shorelines will be able to thrive again. Along with the wildlife and habitat benefits, public and private infrastructure (such as township roads, the public access boat ramp, the adjacent County Parks and agricultural fields) will no longer be inundated and subject to destruction.

This project also has the ability to set a precedent for future restoration in the East Twin area and surrounding areas in Lyon County. Lyon County SWCD have been partners in projects that have sparked community interest in restoration and enhancement, and believe

that this project can be an example of what collaborative partners can accomplish.

## **Describe how the proposal uses science-based targeting that leverages or expands corridors and complexes, reduces fragmentation or protects areas identified in the MN County Biological Survey:**

East Twin Lake is a contributing area to the Camden Prairie Marshes corridor from the Minnesota Prairie Plan. Currently, the Minnesota County Biological Survey shows that this area is below the minimum threshold for biological diversity. Although it is below, the area shows promise for restoration and enhancement. This project would be beneficial in connecting the surrounding habitat complexes with the restored fishery and shoreland habitats resulting from this project. Connecting, or reducing the fragmentation, of this complex would allow greater animal movement and larger, more sustainable habitat. The restored shorelines, fishery and restored public access would also provide greater public usage and awareness towards wildlife habitat and restoration efforts that are possible through collaboration.

## **How does the proposal address habitats that have significant value for wildlife species of greatest conservation need, and/or threatened or endangered species, and list targeted species:**

East Twin Lake is located in a Minnesota Prairie Plan Corridor (Camden Prairie Marshes - Prairie Coteau). This plan area consists of 29,548 core acres of existing and potential habitat to be maintained and restored.

In 2016, MN DNR conducted fish surveys on East Twin Lake. According to the status of the fishery report, the highest ever electrofishing catch of Smallmouth Bass was found along with a young, high potential walleye and perch population. With the rising water levels the fish populations are at significant risk due to the inconsistent habitat and spawning structures. The public water access/boat landing is also under water, resulting in under-utilization of the well established Smallmouth Bass fishery. If East Twin continues to rise and is allowed to spill into Section 33 Lake, this hard-bottom, reed dominated receiving lake will be negatively impacted. The fishery, existing reed vegetation, waterfowl, fresh water shrimp and organisms that depend on the existing habitats of Section 33 Lake will not respond well to the deeper water depth.

The wildlife and habitat that depend on the shoreline and shoreline vegetation of East Twin, such as the Bald Eagle, Wood Ducks, and various amphibians are being negatively impacted due to the erosion and inundation of the shoreline and previously established shoreline buffers.

With funding for a permanent outlet, a stable, appropriate water level could be established on East Twin. A stable outlet would pave the way for the fishery, vegetation, avian and amphibian species to thrive.

## **Identify indicator species and associated quantities this habitat will typically support:**

Smallmouth Bass - creating a stable water level in the 356 acre lake will allow for structure to be present for the bass to spawn, while still allowing for the deeper water. Also allowing DNR fishery management to continue with confidence. The young Walleye and Perch population will also be able to thrive with the stable water level.

Eagles, Wood Ducks, Pheasants, shorebirds, amphibians, insects - restoring the 5 miles of shoreline will provide amphibians with needed shoreline and wetland habitat, Eagles and Wood Ducks can re-establish in the shoreline trees, shorebirds can utilize the restored shoreline, pheasants can thrive in the re-established buffers and insects will retain the habitat that was lost due to the shoreline erosion and inundation.

Diver Ducks (Canvasback, Redhead, Ring-Neck, Bufflehead, ect.) - Stabilizing the water level on East Twin will allow Section 33 to remain in its pristine condition. The lake is a go-to area for diver ducks, who typically do not stay long in our area. The diver ducks thrive in the reed-dominated shorelines of Section 33.

Oak Trees - The shoreline of East Twin used to support many large Oak trees. While many of the trees have been inundated and killed, there are some left to be saved and potential exists to re-establish the resource.

While the indicator species are important, they represent only a fraction of the species that littoral and shoreline habitat can provide. The phytoplankton, zooplankton, macrophytes and other important organisms will positively benefit from the restoration efforts.

## **Outcomes:**

### **Programs in prairie region:**

- Improved access to public lands *With the existing conditions of East Twin, the lake can not be utilized to its potential. By lowering the lake level, the public access can be utilized once again and the rare Smallmouth Bass population in this area will yield higher angler satisfaction. The condition on the lake shoreline will be improved. Adjacent landowners will no longer worry about their property being inundated and destroyed. Public infrastructure will be safe from further destruction, and shoreline habitat will be restored. With the nearby County Parks, this*

project also shows a valuable collaboration between private landowners, County and State agencies.

### How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

Establishing a permanent gravity flow outlet is a self-sustaining project. Management plans will be developed for both the outflow control structure and the outlet into Nyroca Flats WMA. Nyroca Flats has an existing management plan executed by the DNR. Lyon County SWCD staff will continue to pursue conservation projects within the East Twin Lake area to protect, enhance and restore habitat and improve water quality. Once the water level is stabilized shoreline restoration, fishery management, buffers, and waterfowl habitat can be pursued.

### Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2019	Lyon County SWCD	Management Plan drafted	Management Plan accepted by DNR	Responsible party will be designated to provide management as detailed in the Plan
2020	Lyon County SWCD	Oversee Bid Letting and Contract Administration	Oversee Construction, Erosion Control and distribute As-Built drawings to appropriate parties	Lyon SWCD will provide these in-kind services
2021	Responsible Party	1st Annual Inspection	Inspection will ensure stable outlet conditions and address any remediation needed	Designated party will complete the inspection and report findings
2021	Lyon County SWCD	Pursue shoreline restoration projects and re-establish buffers	Pursue conservation and restoration projects in the East Twin complex	Address DNR boat landing and fishery management
2022	Responsible Party	Inspection - Management Plan will dictate annual inspections and after any large storm event (100-year storm or greater)		

### What is the degree of timing/opportunistic urgency and why it is necessary to spend public money for this work as soon as possible:

As of May 14, 2019 East Twin Lake is less than one foot from spilling into and overtaking Section 33 Lake. One home is in immediate danger with the home being 25 lateral feet from waters edge, electrical boxes already under water and the septic system nearly inundated as well. Agricultural fields are being flooded, shorelines continuously eroding, tree lines are being swallowed, and habitat is being destroyed everyday. Lyon County also has an adjacent county park to the West and another county park to the Southwest. While these infrastructures are not directly impacted by the rising water levels, the complex of the Parks includes East Twin. These county parks were established with partial funding through Legacy Grants. The implementation of an outlet on East Twin needs to be completed as soon as possible due to the heavy amounts of precipitation from the past two years and the continued destruction.

### Does this program include leverage in funds:

Yes

The Lyon County Commissioners discussed this project at the August 21, 2018 regularly scheduled meeting. The Board intends to provide, in-kind match of 20-25% of the project cost towards the project.

Lyon County SWCD discussed this project at multiple board meetings, specifically September 18, 2018. The SWCD board has already funded staff time and an engineer study. The board intends to continue funding staff time devoted to this project.

### Relationship to other funds:

- Parks and Trails Fund
- Natural Resources Block Grant

### Describe the relationship of the funds:

Lyon County SWCD received a Natural Resources Block Grant for \$15,000 to conduct an engineering study of the East Twin Lake Outlet. The County Parks located in the East Twin complex were funded through the Parks and Trails Fund with approximately 1.1 Million of total funds. The public access boat ramp, funded by the MN DNR, was constructed in 2010 for approximately \$120,000.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

No.

Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation Year	Source	Amount
2018	Engineering services - Natural Resource Block Grant	\$15,000
2018	Lyon SWCD Staff Time - Local Capacity (Surveying, meetings, analyzing)	\$2,532

## Activity Details

### Requirements:

If funded, this proposal will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the restoration and enhancement activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, County/Municipal, Public Waters)**

Do you anticipate federal funds as a match for this program - **No**

### Land Use:

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

## Accomplishment Timeline

Activity	Approximate Date Completed
Develop Engineered Plans	2019-2020
Obtain DNR Permitting & Approval of applicable management plans	2019-2020
Install outflow structure, drainage pipe and outlet	August 2020
Continued restoration efforts	On-going

# Budget Spreadsheet

**Total Amount of Request: \$718,300**

## Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$0	\$5,000	Natural Resources Block Grant	\$5,000
Contracts	\$414,200	\$0		\$414,200
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$0	\$150,100	Lyon County	\$150,100
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$304,100	\$0		\$304,100
DNR IDP	\$0	\$0		\$0
Total	\$718,300	\$155,100		\$873,400

## Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Lyon County SWCD Staff	1.00	1.00	\$0	\$5,000	Natural Resources Block Grant	\$5,000
Total	1.00	1.00	\$0	\$5,000		\$5,000

Amount of Request: \$718,300  
 Amount of Leverage: \$155,100  
 Leverage as a percent of the Request: 21.59%  
 DSS + Personnel: \$0  
 As a % of the total request: 0.00%  
 Easement Stewardship: \$0  
 As a % of the Easement Acquisition: -%

### What is included in the contracts line?

The contract line includes the estimated labor costs and estimated equipment costs of the contractor who completes this project. This includes, but not limited to, the labor to install drainage pipe, outflow structure, seed, ect. and the equipment costs such as wear and tear and fuel.

### Describe and explain leverage source and confirmation of funds:

Lyon County and Lyon County SWCD Boards, the leverage sources for this project, have indicated their intent to provide leverage sources for this project at regularly scheduled board meetings.

### Does this proposal have the ability to be scalable? - Yes

### Tell us how this project would be scaled and how administrative costs are affected, describe the "economy of scale" and how outputs would change with reduced funding, if applicable:

To complete this project correctly and with the best possible outcome, fully funding this request is optimal. With reduced funding, the project could be completed with less successful results as the drainage pipe would have to be a smaller diameter, resulting in a much slower draw-down and restoration.

## Output Tables

**Table 1a. Acres by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	29	29
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	0	0
Total	0	0	0	29	29

**Table 2. Total Requested Funding by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$718,300	\$718,300
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$718,300	\$718,300

**Table 3. Acres within each Ecological Section**

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	0	0	0	29	0	29
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	0	0	0	0
Total	0	0	0	29	0	29

**Table 4. Total Requested Funding within each Ecological Section**

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$0	\$0	\$0	\$718,300	\$0	\$718,300
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$718,300	\$0	\$718,300

**Table 5. Average Cost per Acre by Resource Type**

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$24,769
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0

**Table 6. Average Cost per Acre by Ecological Section**

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$24,769	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0

*Automatic system calculation / not entered by managers*

**Target Lake/Stream/River Feet or Miles**

East Twin Lake

I have read and understand Section 15 of the Constitution of the State of Minnesota, Minnesota Statute 97A.056, and the Call for Funding Request. I certify I am authorized to submit this proposal and to the best of my knowledge the information provided is true and accurate.

# Parcel List

Explain the process used to select, rank and prioritize the parcels:

The parcels on this list were selected based upon where the construction of this project will take place, where the restoration results due to this project will occur and the parcels with public/private infrastructure that will benefit from this project. The parcels were prioritized based upon the value to habitat and public & private infrastructure that will benefit from this project.

## Section 1 - Restore / Enhance Parcel List

Lyon

Name	TRDS	Acres	Est Cost	Existing Protection?
16-020001-0	10943220	155	\$75,300	No
16-020003-0	10943220	119	\$20,200	No
16-021004-0	10943221	68	\$50,000	No
16-021007-0	10943221	83	\$50,000	No
16-021008-0	10943221	42	\$10,000	Yes
16-028004-0	10943228	119	\$10,000	No
16-029001-0	10943229	5	\$15,200	No
16-029001-1	10943229	1	\$6,000	No
16-029001-3	10943229	2	\$5,500	No
16-029001-4	10943229	22	\$200,000	No
16-029002-0	10943229	147	\$50,500	No
16-029004-0	10943229	127	\$60,000	No
16-032001-1	10943232	46	\$100,000	No
16-032004-0	10943232	122	\$25,300	No
16-032004-1	10943232	2	\$7,500	No
16-032005-1	10943232	8	\$25,000	No
16-033002-0	10943233	186	\$45,000	No
16-033002-1	10943233	10	\$10,000	No

## Section 2 - Protect Parcel List

No parcels with an activity type protect.

### Section 2a - Protect Parcel with Bldgs

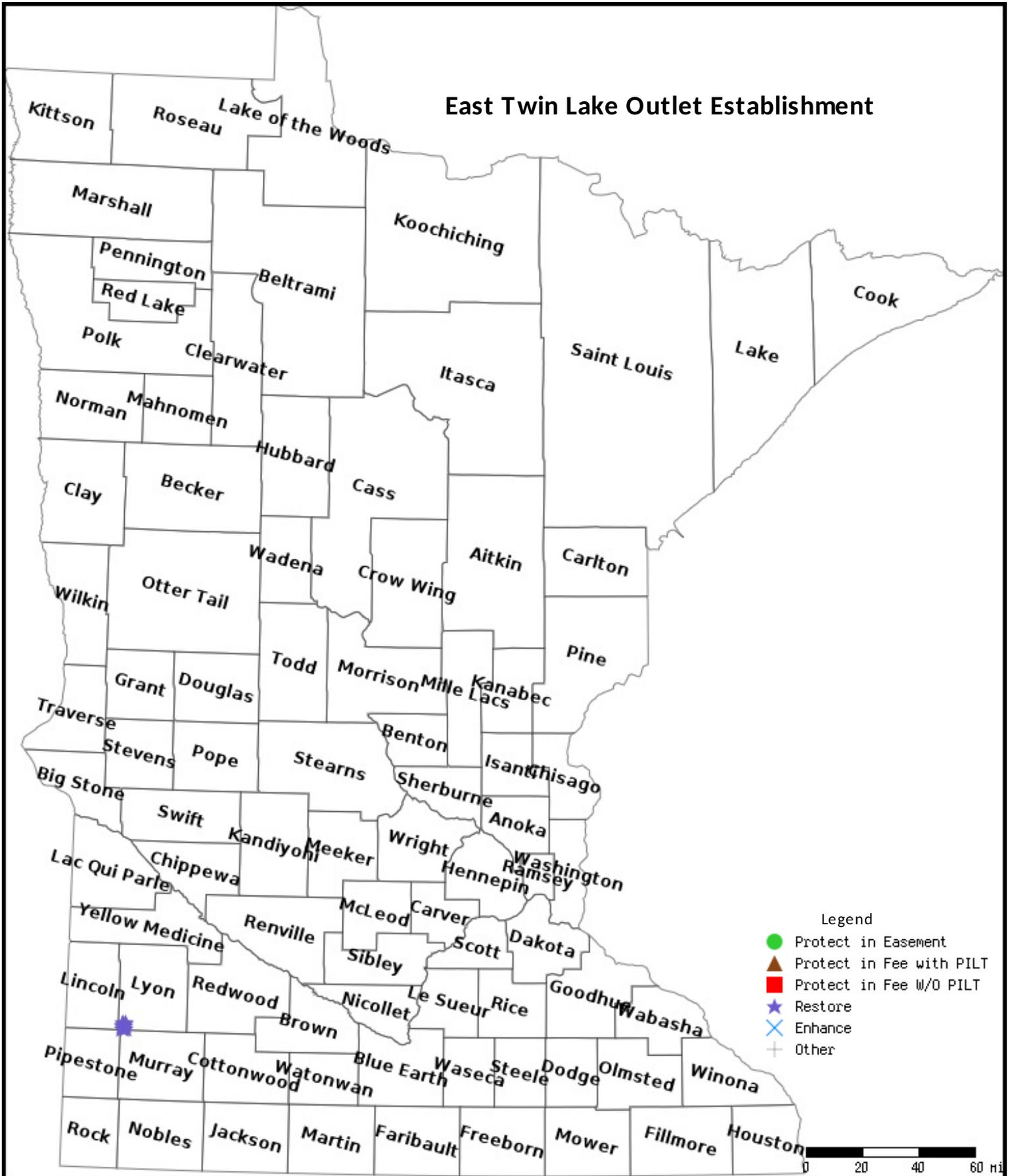
No parcels with an activity type protect and has buildings.

## Section 3 - Other Parcel Activity

No parcels with an other activity type.

# Parcel Map

## East Twin Lake Outlet Establishment



Data Generated From Parcel List

# 2015 Aerial Photography

Pictures 4/19/19



# East Twin Lake Outlet Implementation

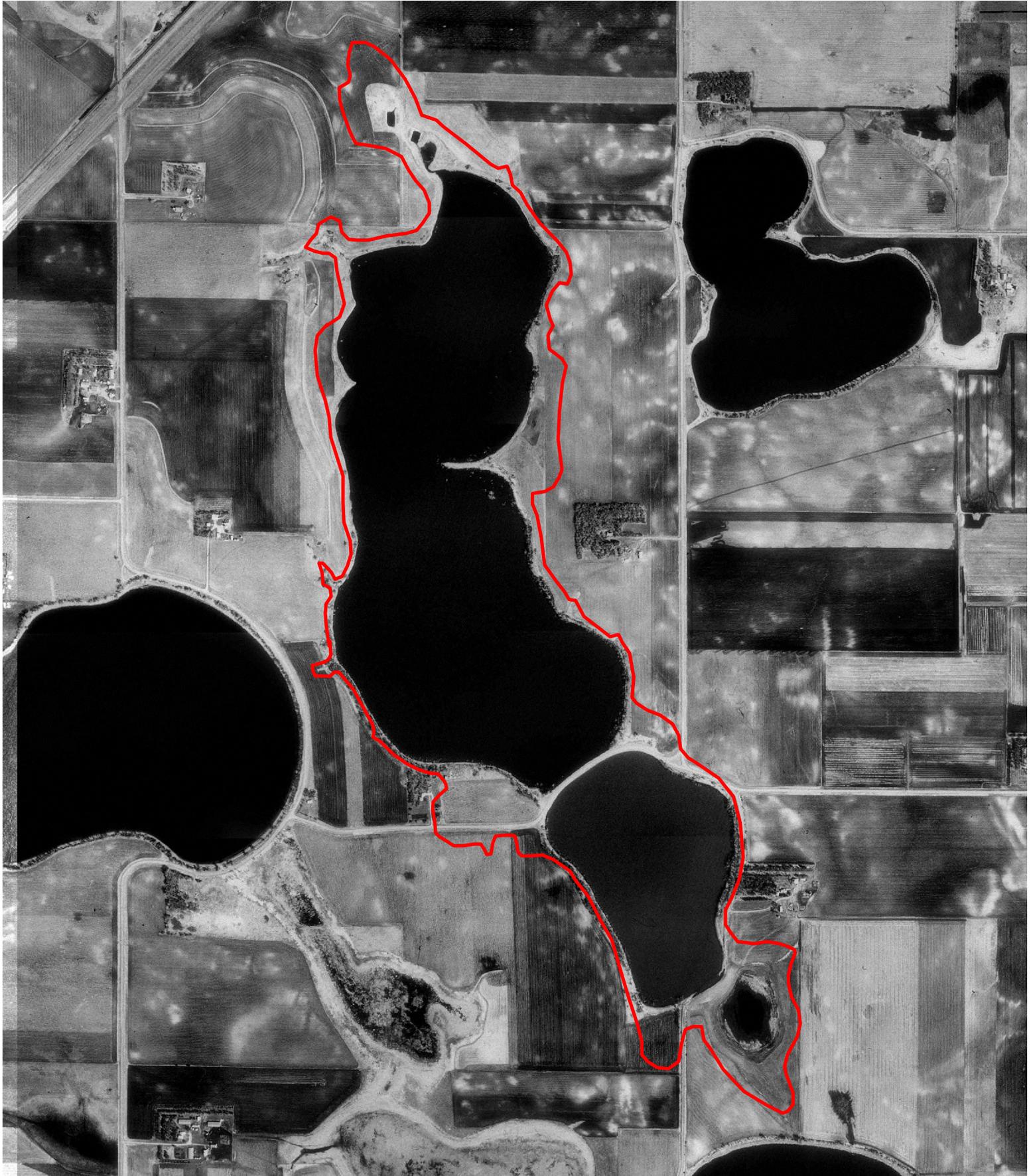


\* Aerial photography does not accurately depict current water levels

2,250 1,125 0 2,250 Feet



# East Twin Lake Outlet Implementation



— Current Water Level  
\* This map represents the current water level overlaid on a 1991 aerial photography map



# East Twin Lake Outlet Implementation



— Current Water Level  
\* This map represents the current water level overlaid on a 2005 aerial photography map



# East Twin Lake Outlet Implementation



— Current Water Level  
\* This map represents the current water level overlaid on a 2010 aerial photography map



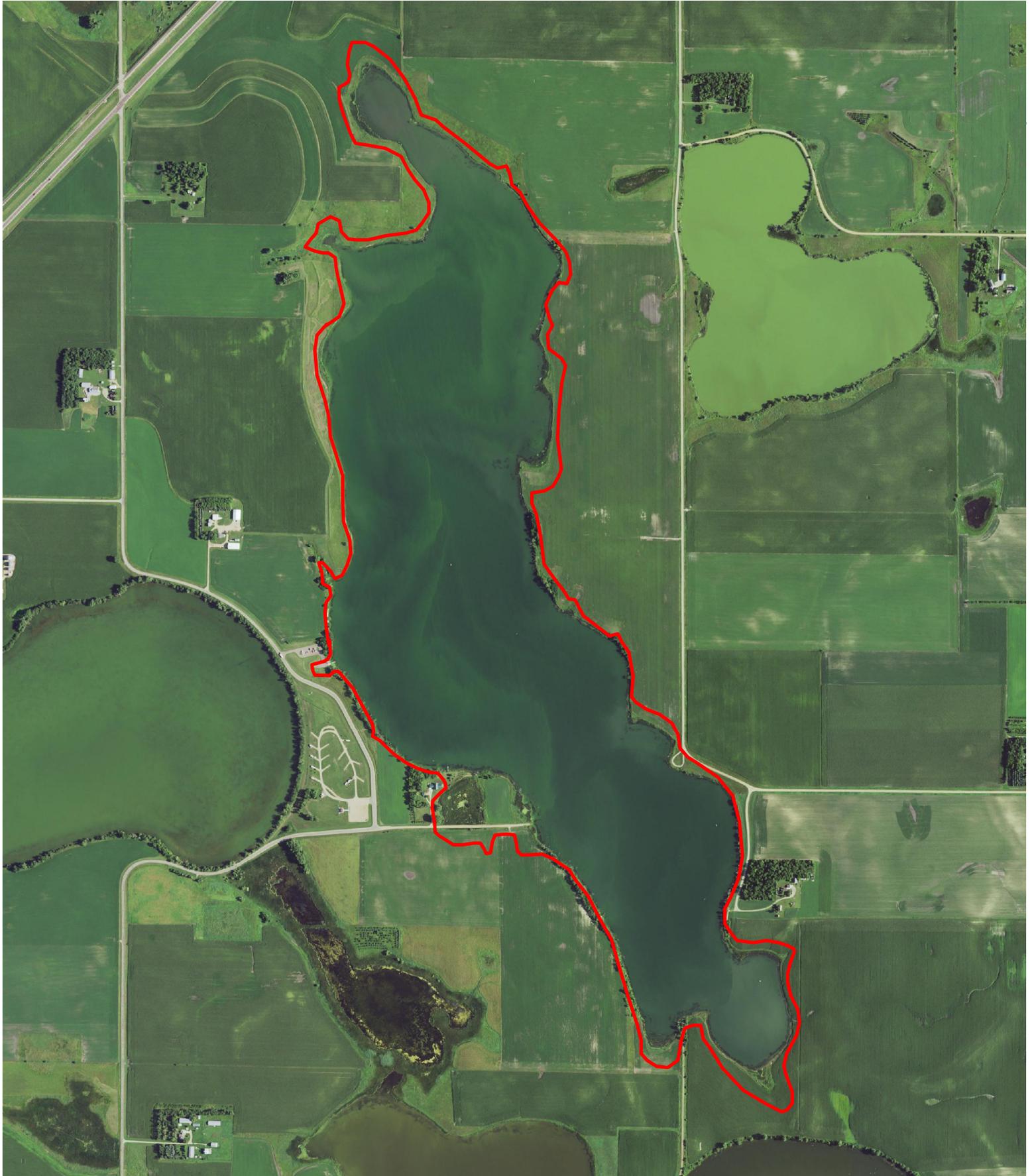
# East Twin Lake Outlet Implementation



— Current Water Level  
\* This map represents the current water level overlaid on a 2015 aerial photography map



# East Twin Lake Outlet Implementation



— Current Water Level  
\* This map represents the current water level overlaid on a 2017 aerial photography map

1,400 700 0 1,400 Feet



# East Twin Outlet Implementation Letter of Support

May 23<sup>rd</sup>, 2019

Lessard-Sams Outdoor Heritage Council,

We, the concerned landowners of East Twin Lake, fully support the efforts of the Lyon County Soil and Water Conservation District in implementing a permanent outlet to restore the lake levels to a manageable elevation.

The water level at East Twin is eroding the shorelines, flooding the shoreline trees, inundating our agricultural fields and buffers, endangering a residence, causing the public water access to be unsafe and unusable, and destroying the once abundant habitats on East Twin Lake. Something has to be done, and through the collaboration of the us landowners, County and State agencies, Bolton & Menk, Inc and the Lessard-Sams Outdoor Heritage Council we can restore East Twin Lake.

Thank you for your time and consideration,  
Concerned Landowners of East Twin Lake

*C. Elth and  
Ang Christensen*

*Charles Bakker  
Jacob Bakker*

*Deen Broudt*

*Dean Sanderson  
Helen Peters*

*Mya Christensen*

*Darla Bakker  
Sharon*

*Joe Bakker*

*Danielle  
Broudt*

*Marsha Peters*

*Jeff Bakker  
Pamela Bakker*

*Ruth Sanderson*

*Delton Sanderson*

*Julie Wenne*

*Dale Wenne*

*[Signature]*

# East Twin Outlet Implementation

## Letter of Support

May 23<sup>rd</sup>, 2019

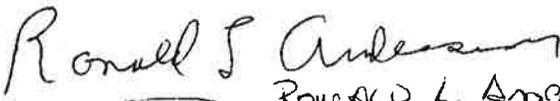
Lessard-Sams Outdoor Heritage Council,

We, the concerned landowners of East Twin Lake, fully support the efforts of the Lyon County Soil and Water Conservation District in implementing a permanent outlet to restore the lake levels to a manageable elevation.

The water level at East Twin is eroding the shorelines, flooding the shoreline trees, inundating our agricultural fields and buffers, endangering a residence, causing the public water access to be unsafe and unusable, and destroying the once abundant habitats on East Twin Lake. Something has to be done, and through the collaboration of the us landowners, County and State agencies, Bolton & Menk, Inc and the Lessard-Sams Outdoor Heritage Council we can restore East Twin Lake.

Thank you for your time and consideration,

Concerned Landowners of East Twin Lake

  
RONALD L. ANDERSON

  
ROXANA ANDERSON



## LYON COUNTY BOARD OF COMMISSIONERS

607 West Main Street  
Marshall, MN 56258

### East Twin Outlet Implementation Letter of Support

May 28, 2019

Lessard-Sams Outdoor Heritage Council,

I, Lyon County Commissioner Paul Graupmann, fully support the efforts of the Lyon County Soil and Water Conservation District in their efforts to create a permanent outlet on East Twin Lake.

The rising water levels of East Twin Lake have caused hardships and loss of private property to constituents of Lyon County. Along with the loss of private property, public infrastructure such as township and county roads, a public boat access, and a recently constructed County Park are in danger or have been inundated and are now unsafe or unusable. To protect and restore the habitats and infrastructure on East Twin Lake, the water level must be controlled.

Thank you for your time and consideration,

Paul Graupmann  
Lyon County Commissioner



## LYON COUNTY BOARD OF COMMISSIONERS

607 West Main Street  
Marshall, MN 56258

### East Twin Outlet Implementation Letter of Support

May 28, 2019

Lessard-Sams Outdoor Heritage Council,

I, Lyon County Commissioner Charles Sanow, fully support the efforts of the Lyon County Soil and Water Conservation District in their efforts to create a permanent outlet on East Twin Lake.

The rising water levels of East Twin Lake have caused hardships and loss of private property to constituents of Lyon County. Along with the loss of private property, public infrastructure such as township and county roads, a public boat access, and a recently constructed County Park are in danger or have been inundated and are now unsafe or unusable. To protect and restore the habitats and infrastructure on East Twin Lake, the water level must be controlled.

Thank you for your time and consideration,

Charles Sanow  
Lyon County Commissioner

**Devin M. Ryan**

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**From:** Steve Ritter <swriter1@gmail.com>  
**Sent:** Tuesday, May 28, 2019 3:49 PM  
**To:** Devin M. Ryan  
**Subject:** Grant application

**SWHHS/LYON/LINCOLN COUNTY SECURITY NOTICE:**

This email originated from an external sender. Exercise caution before clicking on any links or attachments and consider whether you know the sender. For more information please contact IT support.

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Devin,

This email is in support of applying for the Grant in support of a water control structure for East Twin lake.

Steve Ritter

Lyon County Commissioner

District # 2 Lyon County MN



## LYON COUNTY BOARD OF COMMISSIONERS

607 West Main Street  
Marshall, MN 56258

### East Twin Outlet Implementation Letter of Support

May 28, 2019

Lessard-Sams Outdoor Heritage Council,

I, Lyon County Commissioner Gary Crowley, fully support the efforts of the Lyon County Soil and Water Conservation District in their efforts to create a permanent outlet on East Twin Lake.

The rising water levels of East Twin Lake have caused hardships and loss of private property to constituents of Lyon County. Along with the loss of private property, public infrastructure such as township and county roads, a public boat access, and a recently constructed County Park are in danger or have been inundated and are now unsafe or unusable. To protect and restore the habitats and infrastructure on East Twin Lake, the water level must be controlled.

Thank you for your time and consideration,

Gary Crowley  
Lyon County Commissioner

# East Twin Outlet Implementation

## Letter of Support

May 24<sup>th</sup>, 2019

Lessard-Sams Outdoor Heritage Council,

I, Lyon County Commissioner Rick Anderson, fully support the efforts of the Lyon County Soil and Water Conservation District in their efforts to create a permanent outlet on East Twin Lake.

The rising water levels of East Twin Lake have caused hardships and loss of private property to constituents of Lyon County. Along with the loss of private property, public infrastructure such as a decommissioned County Road and a public boat access are in danger or have been inundated and are now unsafe or unusable. To protect and restore the habitats and infrastructure on East Twin Lake, the water level must be controlled.

Thank you for your time and consideration,

A handwritten signature in black ink, appearing to read "Rick Anderson", written in a cursive style.

Rick Anderson Lyon County Commissioner