

# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2018 Accomplishment Plan

HRE 05



**Date:** October 13, 2017

**Program or Project Title:** Shell Rock River Watershed Habitat Restoration Program - Phase VII

**Funds Recommended:** \$ 1,421,000

**Manager's Name:** Andy Henschel

**Title:** Director of Field Operations

**Organization:** Shell Rock River Watershed District

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**Legislative Citation:** ML 2018, Ch. X, Art. 1, Sec. 2, subd XX

**Appropriation Language:**

**County Locations:** Freeborn

**Regions in which work will take place:**

- Prairie

**Activity types:**

- Enhance
- Protect in Fee
- Restore

**Priority resources addressed by activity:**

- Habitat
- Wetlands

### Abstract:

The Shell Rock River Watershed used to be home to thousands of acres of unaltered native prairies. What were once vast prairies and wetlands is now predominantly an agricultural landscape. The SRRWD is requesting funds to complete the Phase VII Habitat Restoration Program. Our watershed prides itself in working alongside landowners to protect, enhance, and restore wildlife habitat. This project continues our effort to return agricultural landscapes to wetland complexes, enhance stream banks, and permanently protect biological functioning parcels. The results would benefit fish, waterfowl, and wildlife populations and reverse the trend of wetland loss and habitat degradation.

### Design and scope of work:

Program Goals:

In 2014 the SRRWD created a phased, \$20 million approach to restore, protect, and enhance degraded habitat conditions by implementing projects on a lake-shed basis. The Watershed Habitat Restoration Program is designed to accomplish the following objectives:

- Remove rough fish species and restore desirable fish, waterfowl and wildlife populations
- Enhance native aquatic rooted vegetation

- Increase fish habitat and spawning areas and waterfowl nesting areas
- Improve waterfowl breeding and migratory success
- Restore stream banks and increase wildlife habitat and its natural prairie
- Increase and improve community use of restored natural resources and protect the watershed from invasive species.

Our program will also interconnect and reestablish important flyway habitats within Minnesota. Once completed, the program will establish waterfowl and fish populations, increase habitat for wetland dependent wildlife, and create the wildlife mecca that was recorded in the late 1800's.

Specifically, Phase VII of the program will contribute to these goals by:

- Acquiring 37 acres of key targeted lands to reestablish native vegetation, protect land along the Shell Rock River, and improve nesting habitat and waterfowl food sources.
- Restoring 60 acres of agricultural land into wetland basins to improve upland game and waterfowl nesting habitat.
- Enhancing 15 acres of the Shell Rock River to improve instream habitat and vegetation management creating more productive, self-sustaining fisheries.

The program includes projects that are prioritized on the significance of the benefits to aquatic habitat, urgency of the work, availability of leverage funds, location of projects and agreements with relevant planning documents. The SRRWD has a proven track record with the LSOHC and implementing projects that protect, restore and enhance natural resources. The SRRWD continues to receive strong support for these projects from landowners, local governments and sporting organizations. This proposal uses a programmatic approach to achieve prioritized habitat protection, restoration, and enhancement of lakes, wetlands and streams across the Watershed to once again create the wildlife mecca. Finally, this program will preserve an outdoor legacy for Minnesotans to use and enjoy for generations.

#### Background:

The Shell Rock River Watershed District (SRRWD) covers 246 square miles inside Freeborn County and includes a complex system of wetlands, streams, and shallow lakes that drain into the Shell Rock River. Managing habitat for this complex system is imperative to the SRRWD as well as understanding its role for providing critical habitat for fish, waterfowl and wildlife. Habitat degradation of wetlands, streams, and shallow lakes is an issue of statewide importance that requires accelerated investment in projects to reverse this degradation. Protection and restoration of this critical habitat is the highest priority in the SRRWD and is directly affected by invasive aquatic vegetation, land use changes, increased water demands, populations of invasive fish species such as common carp, and artificial drainage. Degradation in habitat is influencing available food sources for game fish populations that include Northern Pike, Bluegill, Yellow Perch and Walleye, and duck populations that include Northern Pintail, Redhead, Canvasback and Lesser Scaup.

### **How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:**

The SRRWD understands that when critical habitats are lost due to land use changes and other factors, restoring the habitat is imperative to the protection of species and their ecological processes. Important species are disappearing at an alarming rate and the SRRWD has the opportunity to protect wetland habitats and the species that call it home.

Using the Minnesota Department of Natural Resources tool for species in greatest conservation need by habitat, the SRRWD has identified species of importance for the Oak Savanna landscape. Those species include the Marsh Wren and Common Moorhen for birds, mussels such as Sheepnose and Round Pigtoe, and amphibians including the Blanding's turtle.

The Common Moorhen is listed as special concern in the Oak Savanna habitat and can be attributed to the loss of well-vegetated ponds and wetlands. With projects proposed by Phase VII, wetland creation and vegetation enhancement can provide restored habitat for both the Common Moorhen and March Wren. Blanding's turtles are listed as being a threatened species and creating stream bank restorations that include habitats such like turtle hibernaculum's and restoring wetland with marshy areas will provide habitat for this threatened species.

One of the fastest declining populations in Minnesota has been the loss of native mussels. The freshwater mussel is threatened by a multitude of sources including dams and stream channelization, wetland drainage, bank erosion, invasive mussels and water pollution. The District is focused on improving habitat and water quality conditions, as well as providing habitat with in-stream features that will improve that quality of habitat for threatened Round Pigtoe, and endangered Sheepnose mussels.

### **Describe the science based planning and evaluation model used:**

The SRRWD utilizes precision conservation modeling with monitoring to identify Property Management Zones (PMZs) on a sub-watershed basis. The PMZs are prioritized, evaluated conservation measures and project locations chosen to mitigate specific areas contributing to degradation of habitat which reduces populations of aquatic vegetation, fish, waterfowl and wildlife within the lake-shed.

Historically the Shell Rock River Watershed is a shallow lake system with diverse populations of fish, waterfowl and wildlife. With degraded habitat becoming a concern, and more areas listed as below biodiversity significance in the Freeborn County Biological Survey (MCBS), the District has ongoing efforts with identifying key PMZs to implement projects that expands habitat corridors and protects areas identified by the MCBS.

The land acquisition and the streambank restoration are all connected and bordering areas identified on the MCBS. Projects such as these are important to expanding corridors and reaching the targeted nine square mile parcels. The wetland restoration is adjacent to sites identified on the MCBS. Implementing site specific habitat restorations projects, in line with areas identified in the MCBS, are progressively improving populations of native fish, waterfowl and wildlife habitat.

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

- H2 Protect critical shoreland of streams and lakes
- H5 Restore land, wetlands and wetland-associated watersheds

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

- Long Range Plan for Fisheries Management
- North American Waterfowl Management Plan

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

#### **Prairie:**

- Protect, enhance, or restore existing wetland/upland complexes, or convert agricultural lands to new wetland/upland habitat complexes

### **Relationship to other funds:**

- Not Listed

#### **Describe the relationship of the funds:**

Not Listed

### **How does this program include leverage in funds or other effort to supplement any OHF appropriation:**

The Habitat Restoration Program, Phase VII, builds and expands upon previous LSOHC funding including the Wedge Creek, White Lake and Fountain Lake Fish Barriers (2009-10); Shell Rock River Headwaters Project (2011-12); Albert Lea Lake Dam and Fish Barrier (2013-14); Goose Creek Fish Barrier (CPL Grant) (2013-14); Shell Rock River Headwaters Restoration, Phase II (CPL Grant) (2014-15); Shell Rock River Watershed Habitat Restoration Program, Phase IV (2015-16); the Habitat Restoration Program, Phase V (2016-17); and the Habitat Restoration Program, Phase VI (2017-18). The LSOHC funded projects consolidates previous SRRWD projects including the Fish Barrier Program, Stream Bank Restoration Program, the ISTS Program, and the Wetland Restoration Program.

The District has a proven record of leveraging local funds into successful projects in a timely manner. The District will also leverage its experience to ensure optimum project design and implementation, resulting in rapid habitat restoration and enhancement benefits. In turn, implementation of these projects will provide long-term protection of the SRRWD's shallow lakes, wetlands and streams. Projects that are implemented are focused on recovery of impaired resources on a watershed basis that provide measurable and lasting results.

### **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:**

The SRRWD could not complete the identified projects without funding from the LSOHC. The local option sales tax funding could not cover the costs of the projects in an efficient timeline.

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

Appropriation Year	Source	Amount
2012	Local Tax Levy -25% Grant Match	180,000
2013	Local Tax Levy -25% Grant Match	230,000
2014	Local Tax Levy -25% Grant Match	804,750
2015	Local Tax Levy -25% Grant Match	200,000
2016	Local Tax Levy -25% Grant Match	750,000

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

The Shell Rock River Watershed District is authorized by state statute 103D and operates under a series of 10 year water management plans that are approved by the Minnesota Board of Soil and Water Resources (BWSR). The District recently updated its second generation water management plan that was approved by BWSR in 2015. This second generation plan includes a top to bottom comprehensive list detailing natural resource restoration, management, enhancement and protection strategies.

The SRRWD relies on multiple funding sources including a citizen driven local option sales tax, local levy, and multiple public and private funding sources including previously LSOHC phased project to assist in the District's restoration efforts. The District has an aggressive monitoring protocol that generates yearly data used for extensive reporting. The habitat efforts that accrue from the Phase VII Restoration Program will be easily incorporated into this existing results-driven reporting framework. This reporting can be used to generate public interest and education of a watershed based restoration approach. The District has commitment and funding sources necessary to maintain existing and future natural resource enhancement projects.

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

Year	Source of Funds	Step 1	Step 2	Step 3
2021	Sales Tax and LSOHC	Construction and Erosion Control Inspections	Erosion Control and Maintenance Inspections and Maintenance Implementations	Maintenance Inspections and Maintenance Implementations
2022	Sales Tax and LSOHC	Construction and Erosion Control Inspections	Erosion Control and Maintenance Inspections and Maintenance Implementations	Maintenance Inspections and Maintenance Implementation
2023	Sales Tax	Maintenance Inspections and Maintenance Implementations		Maintenance Inspections and Maintenance Implementations

## Activity Details:

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

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

Will local government approval be sought prior to acquisition - **Yes**

Is the land you plan to acquire (fee title) free of any other permanent protection - **Yes**

Is this land currently open for hunting and fishing - **Yes**

The Shell Rock River is open to state fishing regulations. The wetland restorations and land acquisitions are currently not open to hunting and fishing.

Will the land be open for hunting and fishing after completion - **Yes**

Will follow the State of Minnesota fishing and hunting laws.

Who will eventually own the fee title land?

Ownership will eventually be the State of Minnesota

Are there currently trails or roads on any of the acquisitions on the parcel list - **No**

Will new trails or roads be developed or improved as a result of the OHF acquisition - **No**

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

Is the 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, Public Waters)**

### Accomplishment Timeline:

Activity	Approximate Date Completed
Begin project planning, design, permitting work and acquisitions	July 2018
Begin projects during the 2019 construction season following completion of design, permits and contracting	2019 Construction Season to 2020
Complete all restoration and habitat improvement projects and finalize acquisitions	End of 2020 Construction Season
Vegetation enhancement on restoration projects	June 2021
Maintenance and monitoring of all restoration and habitat improvement projects	Ongoing

**Date of Final Report Submission:** 6/30/2023

### Federal Funding:

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

### Outcomes:

#### Programs in prairie region:

- Protected, restored, and enhanced habitat for migratory and unique Minnesota species *will be measured by the increase of use days for migrating waterfowl and improved habitat acres for unique species. The protected, restored and enhanced shallow lakes, wetlands, and stream banks will provide habitat to wildlife and support healthy natural resource conditions for long term benefits. They will offer an oasis for migratory waterfowl by reestablished and connecting MCBS corridors, and flyway habitats. Improved and permanently protected areas will provide a lasting habitat for Minnesota's unique species.*

# Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

With the reduced appropriation, the number of projects that the SRRWD is able to complete was reduced.

**Total Amount of Request: \$ 1421000**

## Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$45,000	\$0		\$45,000
Contracts	\$641,100	\$0		\$641,100
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$451,600	\$0		\$451,600
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$81,000	\$100,000	Local Option Sales Tax	\$181,000
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$5,000	\$0		\$5,000
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$197,300	\$0		\$197,300
DNR IDP	\$0	\$0		\$0
Total	\$1,421,000	\$100,000		\$1,521,000

## Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Program Manager	0.43	1.00	\$25,000	\$0		\$25,000
Program Assistant	0.30	1.00	\$20,000	\$0		\$20,000
Total	0.73	2.00	\$45,000	\$0		\$45,000

Amount of Request: \$1,421,000

Amount of Leverage: \$100,000

Leverage as a percent of the Request: 7.04%

DSS + Personnel: \$45,000

As a % of the total request: 3.17%

**Does the amount in the contract line include R/E work?**

Yes, all of the work in the contract line is centered on restoration and enhancement projects.

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

The SRRWD is an agency that has a local option sales tax in place that will be used to leverage funds.

## Output Tables

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

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	60	0	0	0	60
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	37	37
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	15	15
Total	60	0	0	52	112

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

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$606,200	\$0	\$0	\$0	\$606,200
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$362,500	\$362,500
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$452,300	\$452,300
Total	\$606,200	\$0	\$0	\$814,800	\$1,421,000

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

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	60	0	60
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	37	0	37
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	0	15	0	15
Total	0	0	0	112	0	112

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

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$606,200	\$0	\$606,200
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$362,500	\$0	\$362,500
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$452,300	\$0	\$452,300
Total	\$0	\$0	\$0	\$1,421,000	\$0	\$1,421,000

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

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$10103	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$9797
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$30153

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$10103	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$9797	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$30153	\$0

Target Lake/Stream/River Feet or Miles

7000 feet



## Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

### Section 1 - Restore / Enhance Parcel List

Freeborn

Name	TRDS	Acres	EstCost	Existing Protection?
Shell Rock River Streambank Restoration	10120231	15	\$615,000	Yes
Wedge Creek Wetland Restoration	10322216	60	\$371,300	No

### Section 2 - Protect Parcel List

Freeborn

Name	TRDS	Acres	EstCost	Existing Protection?	Hunting?	Fishing?
Houg Property	10120231	37	\$456,000	No	Full	Full

### Section 2a - Protect Parcel with Bldgs

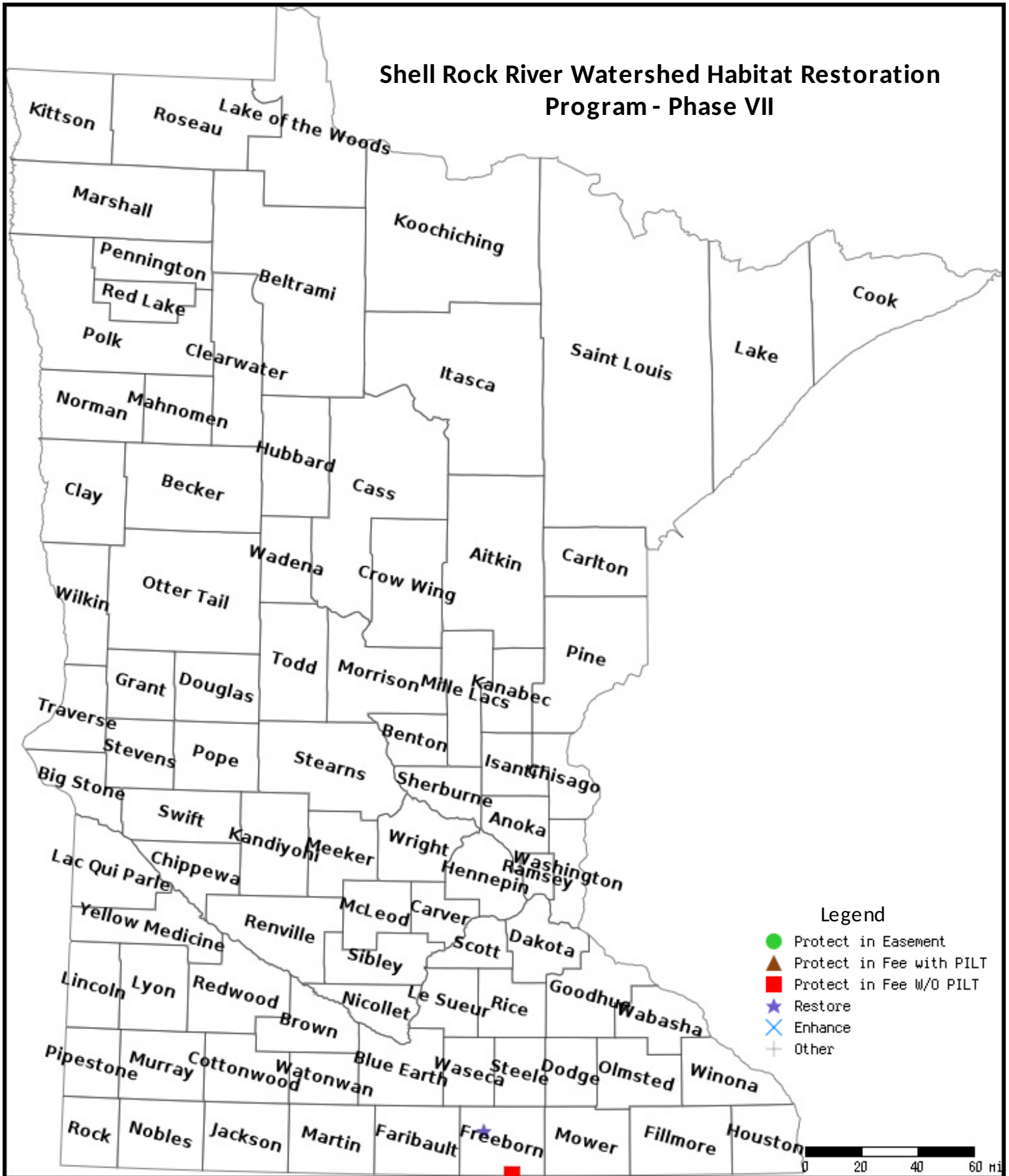
No parcels with an activity type protect and has buildings.

### Section 3 - Other Parcel Activity

No parcels with an other activity type.

## Parcel Map

### Shell Rock River Watershed Habitat Restoration Program - Phase VII



Data Generated From Parcel List

**L-SOHC Grant**  
**Shell Rock River Watershed Habitat Restoration Program**  
**Project List**

Project Title	Description	Est. Cost	Type of Project	Water Plan	Plan Priority Connection	Subwatershed Number	Section, Twshp, Range	Acres	Parcel
Pickereel Lake-Adjustable outlet	Install adjustable outlet on Pickereel Lake to enhance lake habit thru periodic draw-downs	\$ 615,250	Restore	TMDL	4.0 Pickereel Lake Table 4-3, Page 15, PL-11, description pg. 21	49016	T102 R22 S13	620	99130010
Upper and Lower Twin Lake Fish Barrier and Reclamation	Maintain and enhance existing game fish population and improve waterfowl habitat	\$ 743,750	Enhance	Watershed District	Appendix B, Project Goal 6, Objective 2, Implementation Action 1	49011	T101 R22 S12	464	339200010
Upper Twin Water Level Control Station	To assist in drawdown of Upper Twin Lake to re-establish native vegetation and improve waterfowl habitat	\$ 397,500	Enhance	Watershed District	Appendix B, Project Goal 6, Objective 1, Implementation Action 1	49011	T101 R22 S02	213	49020010
Wedge Creek Reach #6 Wetland	Establishment of a wetland basin to improve waterfowl habitat	\$ 243,570	Enhance	TMDL	Page 46, Table 6-3, BMP FLWB-09, Water quality project near Wedge Creek outlets.	49013	T103 R22 S36	16	140360020
Wedge Creek Restoration Reach #6	Install BMP's for improvement of in stream spawning and over-wintering habitat of native fish species	\$ 450,800	Restore	TMDL	Page 46, Table 6-3, BMP FLWB-09, Water quality project near Wedge Creek outlets.	49013	T103 R22 S36	150	140360020
Wedge Creek Reach #1 Vegetative Restoration	Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 72,450	Enhance	Watershed District	Appendix E, Objective 2, Implementation Action 2	49013	T102 R21 S6	181	80060070
Pickereel Lake Site #12 Channel/Wetland Restoration	Establishment of a wetland basin to improve waterfowl habitat and Northern Pike spawning	\$ 40,250	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S13	587	90505030
Targeted Habitat Acquisition; Owens Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 400,000	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49016	T102 R21 S30	40	80360020
Albert Lea Lake - Unnamed Creek - Wetland restoration	Establishment of a wetland basin to improve waterfowl habitat	\$ 201,250	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49003	T102 R20 S06	202	70060030
Targeted Habitat Acquisition; Mud Lake Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 332,775	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49016	T102 R22 S12	27	90120130
Targeted Habitat Acquisition; Remakel Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 87,815	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49016	T102 R22 S12	7	90120050
School Section, Halls, and Sugar Lakes Fish Community Reclamation	Rotenone treatment of School Section Lake to kill the rough fish and reestablish native aquatic vegetation	\$ 327,750	Enhance	TMDL	6.0 Fountain Lake, Table 6-3, pg. 43, FLWB-20, description pg. 53	49013	T103 R22 S36	266	-
Targeted Habitat Acquisition; Olson Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 406,725	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49007	T102 R21 S36	33	80360020
Headwaters Stream Bank Habitat Restoration	Restoration of habitat along the headwater property to improve wildlife habitat	\$ 775,625	Restore	Watershed District	Appendix E, Goal 2, Objective 3. Implementation Action 2	49007	T102 R21 S25	25	80250021
Wedge Creek Wetland Restoration in T103 R22 S15	Establishment of a wetland basin to improve waterfowl habitat	\$ 225,625	Restore	TMDL	6.0 Fountain Lake, Table 6-3, pg 44, FLWB-15 description pg. 51	49014	T103 R22 S15	35	140150100
Targeted Habitat Acquisition; Houg Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 456,025	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49009	T101 R20 S31	37	20310020
Shell Rock River Streambank Restoration	Restoration of habitat along the headwater property to improve wildlife habitat	\$ 615,000	Enhance	Watershed District	Appendix E, Goal 2, Objective 3. Implementation Action 2	49009	T101 R20 S31	15	29310030
Wedge Creek Wetland Restoration in T103 R22 S16	Establishment of a wetland basin to improve waterfowl habitat	\$ 371,250	Restore	TMDL	6.0 Fountain Lake, Table 6-3, pg 44, FLWB-14 description pg. 51	49014	T103 R22 S16	60	140160030
Targeted Habitat Acquisition; Leland Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 266,220	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49012	T102 R21 S03	21	342110040
Targeted Habitat Acquisition; Pickereel Lake Island	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 70,000	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49016	T102 R21 S19	6	80190070
Targeted Habitat Acquisition; Dakin Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 295,800	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49009	T101 R20 S31	24	20310010
Pickereel Lake Subwatershed Wetland Restoration and Habitat Improvement	Restoration of wetland site in Pickereel Lake Subwatershed to improve wildlife habitat	\$ 469,200	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S21	85	90210010
Wedge Creek Wetland Restoration in T103 R22 S34	Establishment of a wetland basin to improve waterfowl habitat	\$ 426,250	Restore	TMDL	6.0 Fountain Lake, Table 6-3, pg 44, FLWB-13 description pg. 51	49015	T103 R22 S34	40	140340010
Pickereel Lake Subwatershed Wetland Restoration and Habitat Improvement	Restoration of wetland site in Pickereel Lake Subwatershed to improve wildlife habitat	\$ 51,750	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S11	8	90110100
Targeted Habitat Acquisition; Petersen School Section Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 320,450	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Preservation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49003	T103 R22 S36	32	90010110

L-SOHC Grant  
Shell Rock River Watershed Habitat Restoration Program

Project List

Project Title	Description	Est. Cost	Type of Project	Water Plan	Plan Priority Connection	Subwatershed Number	Section, Twship, Range	Acres	Parcel
Targeted Habitat Acquisition; Palmer Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 332,775	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Presevation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49007	T102 R21 S25	27	80250040
Wedge Creek Wetland Restoration in T102 R22 S5	Establishment of a wetland basin to improve waterfowl habitat	\$ 433,750	Restore	TMDL	6.0 Fountain Lake, Table 6-3, pg 43, FLWB-12 description pg. 50	49014	T102 R22 S5	21	90050060
Pickereel Lake Subwatershed Wetland Restoration and Habitat Improvement	Restoration of wetland site in Pickereel Lake Subwatershed to improve wildlife habitat	\$ 331,200	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S10	60	90100100
Pickereel Lake Subwatershed Wetland Restoration and Habitat Improvement	Restoration of wetland site in Pickereel Lake Subwatershed to improve wildlife habitat	\$ 1,656,000	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S25	300	90250010
Pickereel Lake Subwatershed Wetland Restoration and Habitat Improvement	Restoration of wetland site in Pickereel Lake Subwatershed to improve wildlife habitat	\$ 58,650	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S15	11	90150080
Pickereel Lake Subwatershed Wetland Restoration and Habitat Improvement	Restoration of wetland site in Pickereel Lake Subwatershed to improve wildlife habitat	\$ 193,200	Restore	Watershed District	Appendix B, Goal 2, Objective 3.1, Upper Watershed treatments to enhance and sustain improvements in the lake environment.	49016	T102 R22 S14	35	90140010
Targeted Habitat Acquisition; Lang Property	Protect and Reestablish native vegetation to improve upland game and waterfowl nesting habitat	\$ 455,400	Protect	Watershed District	Appendix B, Goal 2, Objective 3.2, Presevation and enhancement of shoreland and riparian zones around lakes and along water courses in the watershed.	49017	T 101 R21 S25	207	30250030
Fountain Lake Variable Crest Dam	Install adjustable outlet on Fountain Lake to enhance lake habit.	\$ 2,978,500	Enhance	Watershed District	Appendix B, Goal 5, Objective 4.1, Variable crest dam.	49003	T102 R21 S09	550	347870020

Color Coding for Project Phases:

Phase 4
Phase 5
Phase 6
Phase 7
Phase 8
Phase 9

# Lessard-Sams Outdoor Heritage Council Comparison Report

**Program Title:** 2018 - Shell Rock River Watershed Habitat Restoration Program - Phase VII

**Organization:** Shell Rock River Watershed District

**Manager:** Andy Henschel

## Budget

Requested Amount: \$3,034,800

Appropriated Amount: \$1,421,000

Percentage: 46.82%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$45,000	\$0	\$45,000	\$0	100.00%	-
Contracts	\$1,223,100	\$0	\$641,100	\$0	52.42%	-
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$979,300	\$0	\$451,600	\$0	46.11%	-
Easement Acquisition	\$0	\$0	\$0	\$0	-	-
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$0	\$0	\$0	\$0	-	-
Professional Services	\$391,100	\$200,000	\$81,000	\$100,000	20.71%	50.00%
Direct Support Services	\$0	\$0	\$0	\$0	-	-
DNR Land Acquisition Costs	\$20,000	\$0	\$5,000	\$0	25.00%	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$376,300	\$0	\$197,300	\$0	52.43%	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$3,034,800	\$200,000	\$1,421,000	\$100,000	46.82%	50.00%

## How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

With the reduced appropriation, the number of projects that the SRRWD is able to complete was reduced.

## Output

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	185	60	32.43%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	88	37	42.05%
Protect in Easement	0	0	-
Enhance	15	15	100.00%

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,281,700	606,200	47.30%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	1,123,100	362,500	32.28%
Protect in Easement	0	0	-
Enhance	630,000	452,300	71.79%

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	185	60	32.43%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	88	37	42.05%
Protect in Easement	0	0	-
Enhance	15	15	100.00%

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,281,700	606,200	47.30%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	1,123,100	362,500	32.28%
Protect in Easement	0	0	-
Enhance	630,000	452,300	71.79%