

# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2017 Accomplishment Plan



**Date:** October 18, 2016

**Program or Project Title:** Wolverton Creek Habitat Restoration

**Funds Recommended:** \$ 1,877,000

**Manager's Name:** Bruce Albright

**Title:** District Administrator

**Organization:** Buffalo-Red River Watershed District

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**Legislative Citation:** ML 2017, Ch. X, Art. X, Sec. X

**Appropriation Language:**

**County Locations:** Clay, and Wilkin.

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

- Prairie

**Activity types:**

- Enhance
- Protect in Easement
- Restore

**Priority resources addressed by activity:**

- Habitat
- Prairie

### Abstract:

Over the next six years, the Buffalo-Red River Watershed District (BRRWD), in partnership with landowners, federal, state, and local agencies, intends to implement a long-term comprehensive plan to restore the Wolverton Creek and its riparian corridor. This comprehensive project will turn 20 channelized stream miles to 26.2 miles of restored natural prairie stream channel. It will also protect, enhance, and restore over 740 acres (357 acres in Phase 1) of floodplain wetland and grassland habitat along the Wolverton Creek. The project will provide connectivity for wildlife and fisheries between the Lake Agassiz beach ridge region and the Red River.

### Design and scope of work:

For the past century, streams in the Red River Basin have been straightened, ditched, cleared and snagged with the goal of improving farmland drainage. Wolverton Creek, a Red River tributary, was among these streams that experienced straightening decades ago. Along with the straightening, soil leaving the contributing agricultural fields filled many of these waterways, leaving them choked with sediment. Combined, these activities destroyed miles of aquatic habitat along these vital natural resource corridors. These losses have had a direct effect of reducing fish and wildlife habitat not only within the channelized reaches of these streams but downstream areas as well.

The BRRWD, in partnership with federal, state, and local agencies is leading implementation of a long term plan to restore Wolverton Creek. Phase 1 of this project includes the land acquisition (357 acres total) and the physical stream restoration in the middle third of Wolverton Creek (Reach B). As funding permits, Reach B land acquisition will be expanded to maximize habitat within the reach. Additional land acquisition will then occur as part of Phase 1 in the other reaches in the overall restoration. Reach B is the most severely impacted. Ultimately, this project will restore 26.2 miles of natural prairie stream on over 740 acres of riparian wetland and prairie habitat. The long-term vision for the project includes establishment of a permanently protected habitat corridor along this prairie stream, expansion of riparian buffers, installation of sediment best management practices along the waterway, construction of natural river habitat, and restoration of perennial wetland and prairie plant communities. The stream rehabilitation will be based on the principles of natural channel design with an understanding of the hydrology and fluvial geomorphology at the site. The enhanced stream and associated riparian wetlands will improve habitat for Channel Catfish, Northern Pike, and another 70+ fish species documented in the Red River.

In addition to the fish habitat directly provided in the restored prairie stream, the associated floodplain wetland, and grassland habitat will provide critical wildlife habitat. The Minnesota Prairie Conservation Plan lists restoration of channelized prairie river segments and cultivation of lands immediately adjacent to streams and ditches as critical challenges. This project addresses both of these concerns. Currently, 35% of the 740 acres within the primary Wolverton Creek land acquisition area is classified as cropland. The remaining acreage is non-crop and consists of a mix of mainly non-native species, such as cattail and reed canary grass.

The BRRWD will lead this project. Numerous partners will be needed to ensure success. In the land acquisition process of the project, the local Soil and Water Conservation District and Natural Resources Conservation Service will be critical. The largest impediment to acquiring land in this corridor is limited landowner options for easements. LSOHC funding will strengthen the number of options available for the BRRWD to acquire land in this targeted corridor.

### **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:**

This project is the first phase of a long term project that will restore 26.2 miles of stream and over 740 acres of habitat for associated fish and wildlife communities. This project will also benefit mussel and insect populations along and downstream of Wolverton Creek by improving water quality. Pollinator seed mixes will be used along the habitat corridor. The project will provide a continuous wildlife corridor from a Wetland Reserve Program site and the Manston Slough Restoration project at the upper end of the project to the Red River. Native mussel beds are located downstream of Reach A in the lowest reach of Wolverton Creek and the Red River which will benefit from a reduced sediment loading to the creek resulting from the project. Acquisition and restoration of the stream channel corridor will also improve habitat for Channel Catfish, Northern Pike, and another 70+ fish species present in Red River Basin. Some species of fish will also benefit from the project as a result of a larger quantity of better quality spawning habitat.

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

Reference stream reaches set the geometry for the Wolverton Channel Restoration based on survey work completed by the MN Department of Natural Resources. Geometry used is characteristic of Rosgen E-channels in low gradient streams. Stream channel survey work was leveraged to complete hydraulic modeling. Hydraulic Modeling to determine the 10-year floodplain of Wolverton Creek was used to establish the extents of the expanded vegetative buffers. The Minnesota Prairie Plan also lists restoration of channelized prairie river segments and cultivation of lands immediately adjacent to streams and ditches as "critical challenges". In addition, the BRRWD has completed GIS-based terrain analysis to identify, prioritize, and target conservation best management practices in the contributing agricultural watershed. Many of these best management practices have been implemented, with more planned.

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

- H2 Protect critical shoreland of streams and lakes
- H6 Protect and restore critical in-water habitat of lakes and streams

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

- Long Range Plan for Fisheries Management
- Red River of the North Fisheries 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:

- Clean Water Fund

### Describe the relationship of the funds:

The BRRWD was awarded \$2.8 Million in Targeted Watershed Program Clean Water Funds from the MN Board of Water and Soil Resources for this project. These funds are largely directed toward stream restoration construction. This grant agreement will expire on December 31, 2020. Currently, there is a shortfall of funding for the full stream restoration construction and additional funding is needed for the land acquisition.

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

The BRRWD is coordinating with NRCS and landowners to utilize federal Farm Bill programs (ACEP) and Wetland Restoration Enhancement (WRE) to implement the project to the extent possible. These programs require landowners to sign up and through many meetings with landowners, it is expected that most landowners should participate. Through meetings with NRCS, they have indicated to expect that some landowners may not qualify. The proposal estimated that 30% of land acquisition will be obtained through NRCS programs. Actual success of using the NRCS programs will be determined over time.

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

Appropriation Year	Source	Amount
2007	Clean Water Legacy (through the Clay SWCD)	\$289,000
2011	Clean Water Fund	\$253,229
2011-2015	Local Tax Levy	\$300,000

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

The BRRWD is setting up a Water Management District (local tax levy) that will provide long-term funding for this project. The Water Management District will provide an annual revenue stream for maintenance. The BRRWD is in the process of setting this assessment process up at this time. Post-project monitoring will be conducted by the BRRWD. Water samples will be collected and analyzed through the BRRWD's Regional Assessment Locations (water quality monitoring network) and River Watch process.

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

Year	Source of Funds	Step 1	Step 2	Step 3
Annual	Watershed District - Local Tax Levy	Monitoring and Maintenance of Channel Restoration		
Annual	Watershed District - Local Tax Levy	Monitoring and Maintenance of the Habitat Corridor		
Annual	Watershed District - Local Tax Levy	Conservation BMP promotion throughout the project watershed		

### 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 the eased land be open for public use - **Yes**

Land with easement acquisitions will likely be open to hunting through the Walk-in-Access (WIA) program.

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

Who will manage the easement?

The easement areas will be managed by the Buffalo-Red River Watershed District.

Who will be the easement holder?

The Buffalo-Red River Watershed District will be the easement holder.

Are there currently trails or roads on any of the acquisitions on the parcel list - **Yes**

Describe the types of trails or roads and the allowable uses:

These are typical Township and County roads open to public traffic.

Will the trails or roads remain and uses continue to be allowed after OHF acquisition - **Yes**

How will maintenance and monitoring be accomplished:

These are typical county and township roads that will remain in their current condition for the foreseeable future.

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 (Private Land, Public Waters)**

**Accomplishment Timeline:**

Activity	Approximate Date Completed
Finalize Restoration Project Construction Plans (Pre-grant)	December 2016
Establish Local Funding Source for Project (Pre-grant)	January 2017
Finalize Acquisition and Marketing Plan with Partners	July 2017
Contact Landowners along Stream Restoration - Begin Land Acquisition	August 2017
Complete Land Acquisition	March 2018
Begin Construction	May 2018
Complete Construction (Phase 1)	December 2019

**Date of Final Report Submission:** 11/1/2022

**Federal Funding:**

Do you anticipate federal funds as a match for this program - **Yes**

Are the funds confirmed - **No**

What is the approximate date you anticipate receiving confirmation of the federal funds - **12/31/2016**

**Outcomes:**

**Programs in prairie region:**

- Key core parcels are protected for fish, game and other wildlife *The outcome of the Wolverton Creek Restoration will be a stable prairie stream with an expanded and enhanced permanently protected habitat corridor. This will provide significantly improved terrestrial and aquatic habitat to fish and wildlife using the stream corridor. Improvements in water quality are also expected. Biological assessment by MPCA at three sites on Wolverton Creek is planned on a 10 -year cycle (2008, 2018, etc.) as part of their Intensive Watershed Monitoring Program which will assess after project biology. In addition, the BRRWD monitors water quality trends on Wolverton Creek through their Regional Assessment Location (RAL) system.*

# 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**

Reduced funding will be prioritized to Reach B stream restoration and easement work. As funding allows, additional acquisition and channel restoration work will occur upstream or downstream of Reach B (as listed in the parcel acquisition list). The BRRWD will work with NRCS programs to stretch available LSOHC funding.

**Total Amount of Request: \$ 1877000**

**Budget and Cash Leverage**

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$0	\$0		\$0
Contracts	\$450,000	\$2,979,600	Watershed District Levy Funds, Clean Water Fund Target Watershed Grant, Enbridge Eco footprint Grant, NRCS	\$3,429,600
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$1,265,000	\$179,400	Watershed District Levy Funds, NRCS, Eco footprint Grant	\$1,444,400
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$159,000	\$341,000	Watershed District Levy Funds, Clean Water Funds, Eco footprint Grant	\$500,000
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	\$3,000	\$0		\$3,000
DNR IDP	\$0	\$0		\$0
<b>Total</b>	<b>\$1,877,000</b>	<b>\$3,500,000</b>		<b>\$5,377,000</b>

Amount of Request: \$1,877,000

Amount of Leverage: \$3,500,000

Leverage as a percent of the Request: 186.47%

DSS + Personnel: \$0

As a % of the total request: 0.00%

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

All of the costs in contracts is for Restoration/Enhancement work.

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

Ecofootprint Grant funds were awarded in July 2015, Clean Water Funds were awarded in May 2016. NRCS funding is yet to be determined and will depend on landowner participation and eligibility.

## Output Tables

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

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	261	0	73	334
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	20	0	3	23
Enhance	0	0	0	0	0
Total	0	281	0	76	357

**Table 1b. How many of these Prairie acres are Native Prairie?**

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	0
Total	0

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

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$1,094,600	\$0	\$686,500	\$1,781,100
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	\$83,900	\$0	\$12,000	\$95,900
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$1,178,500	\$0	\$698,500	\$1,877,000

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

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	334	0	334
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	23	0	23
Enhance	0	0	0	0	0	0
Total	0	0	0	357	0	357

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

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$1,781,100	\$0	\$1,781,100
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	\$95,900	\$0	\$95,900
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$1,877,000	\$0	\$1,877,000

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

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$4194	\$0	\$9404
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	\$4195	\$0	\$4000
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	\$5333	\$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	\$4170	\$0
Enhance	\$0	\$0	\$0	\$0	\$0

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

## 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

Wilkin

Name	TRDS	Acres	Est Cost	Existing Protection?
22-004-0600	13648204	18	\$70,800	No
22-004-0700	13648204	5	\$18,100	No
22-009-0100	13648209	21	\$75,600	No
22-009-0600	13648209	25	\$93,900	No
22-010-0500	13648210	10	\$41,100	No
22-014-0300	13648214	18	\$79,800	No
22-014-0400	13648214	10	\$37,300	No
22-015-0200	13648215	23	\$90,100	No
22-015-0210	13648215	3	\$8,800	No
22-015-0300	13648215	28	\$110,100	No
22-015-0400	13648215	13	\$48,200	No
22-015-0500	13648215	8	\$29,000	No
22-023-0100	13648223	2	\$9,600	No
22-023-0200	13648223	25	\$90,000	No
22-023-0300	13648223	2	\$8,900	No
22-023-0400	13648223	39	\$172,600	No
22-026-0100	13648226	33	\$148,300	No
22-026-0600	13648226	22	\$94,400	Yes
22-026-0700	13648226	2	\$5,400	No

### Section 2 - Protect Parcel List

Clay

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
15.000.0050	13748216	1	\$2,200	No	Limited	Full
15.009.3301	13748209	0	\$700	No	Limited	Full
15.009.3700	13748209	9	\$33,800	No	Limited	Full
15.016.1600	13748216	20	\$78,600	No	Limited	Full
15.016.1800	13748216	9	\$33,400	No	Limited	Full
15.016.2600	13748216	7	\$26,400	No	Limited	Full
15.016.4000	13748216	18	\$67,900	No	Limited	Full
15.021.1000	13748221	11	\$39,300	No	Limited	Full
15.021.3500	13748221	2	\$6,300	No	Limited	Full
15.022.0200	13748222	33	\$135,000	No	Limited	Full
15.027.2000	13748227	18	\$75,800	No	Limited	Full
15.027.2001	13748227	0	\$1,300	No	Limited	Full
15.027.3000	13748234	19	\$88,200	No	Limited	Full
15.034.1000	13748234	2	\$6,800	No	Limited	Full
15.034.2000	13748234	21	\$88,100	No	Limited	Full
15.034.3001	13748234	2	\$8,200	No	Limited	Full
15.034.4000	13748234	31	\$132,300	No	Limited	Full
15.034.4301	13748234	1	\$3,200	No	Limited	Full



Wilkin

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
15-007-0300	13547207	16	\$65,600	No	Limited	Full
15-007-0310	13547217	2	\$5,700	No	Limited	Full
15-017-0100	13547217	5	\$21,300	No	Limited	Full
15-017-0200	13547217	9	\$38,600	No	Limited	Full
15-017-0300	13547218	16	\$66,900	No	Limited	Full
15-018-0100	13547218	9	\$37,900	No	Limited	Full
15-018-0200	13547218	11	\$43,100	No	Limited	Full
15-018-0600	13548201	5	\$20,900	No	Limited	Full
19-001-0500	13548212	10	\$43,900	No	Limited	Full
19-002-0100	13548202	21	\$99,400	No	Limited	Full
19-002-0210	13548202	13	\$59,900	No	Limited	Full
19-002-0500	13548202	16	\$73,500	No	Limited	Full
19-012-0200	13548212	3	\$12,000	No	Limited	Full
19-012-0300	13548212	32	\$148,000	No	Limited	Full
19-012-0500	13548212	43	\$198,000	No	Limited	Full
22-004-0100	13648204	16	\$63,500	No	Limited	Full
22-004-0200	13648204	3	\$10,400	No	Limited	Full
22-035-0100	13648235	7	\$32,100	No	Limited	Full
22-035-0200	13648235	25	\$107,600	No	Limited	Full
22-035-0210	13648235	2	\$9,200	No	Limited	Full
22-035-0300	13648235	0	\$0	No	Limited	Full
22-035-0305	13648235	10	\$41,200	No	Limited	Full
22-035-0310	13648235	16	\$59,100	No	Limited	Full

### Section 2a - Protect Parcel with Bldgs

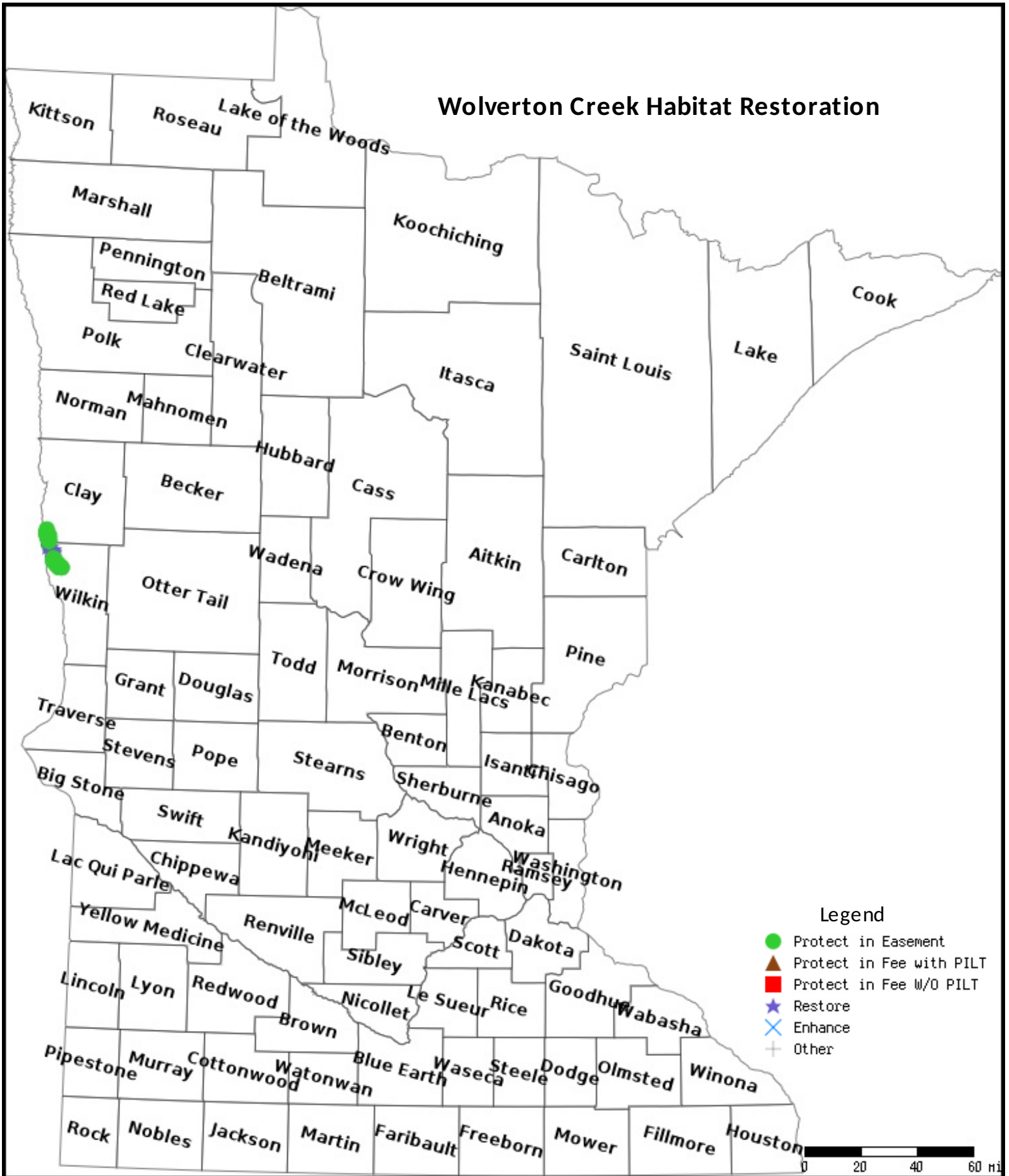
No parcels with an activity type protect and has buildings.

### Section 3 - Other Parcel Activity

No parcels with an other activity type.

# Parcel Map

## Wolverton Creek Habitat Restoration



Data Generated From Parcel List

Parcel Name	County	Township (026-258)	Range (01-52)	Direction (most parcels are 2 with the exception of some areas of Cook County which is 1)	Section (01 thru 36)	TRDS (Township + Range + Direction +Section)	# of Acres	Budgetary Estimate (includes administrative, restoration or other related costs and do not include matching money contributed or earned by the transaction)	Description	Activity Protect in Fee with PILT Protect in Fee w/o PILT Protect in Easement Restore Enhance	Any Existing Protection? (Yes/No)	Open to Hunting? (Full/Limited/No)	Open to Fishing? (Full/Limited/No)	Status (Proposed/Completed)
15.000.0050	Clay	137	48	2	16	13748216	0.62707397	2178.071914	RAILROAD OPERATING PROPERTY	Not Applicable	No	Limited	Full	Proposed
15.009.3301	Clay	137	48	2	9	1374829	0.20728639	719.9869753	BEG AT SW COR OF SW1/4; E 20 RD	Not Applicable	No	Limited	Full	Proposed
15.009.3700	Clay	137	48	2	9	1374829	9.11980348	33,761	S1/2 SW1/4 LESS RD, RR & 1.56 AC	Not Applicable	No	Limited	Full	Proposed
15.016.1600	Clay	137	48	2	16	13748216	19.8350071	78623.75258	S 25' OF W1/2 NW1/4; W1/2 NE1/4	Not Applicable	No	Limited	Full	Proposed
15.016.1800	Clay	137	48	2	16	13748216	9.39285095	33357.4359	E1/2 NE1/4 16-137-48	Not Applicable	No	Limited	Full	Proposed
15.016.2600	Clay	137	48	2	16	13748216	6.55294529	26449.65141	W1/2 NW1/4 LESS 4.32 AC FOR RD	Not Applicable	No	Limited	Full	Proposed
15.016.4000	Clay	137	48	2	16	13748216	18.245609	67860.59208	SE1/4 16-137-48	Not Applicable	No	Limited	Full	Proposed
15.021.1000	Clay	137	48	2	21	13748221	11.3145898	39349.80022	NE1/4 LESS RR & DITCH & LESS 6.49	Not Applicable	No	Limited	Full	Proposed
15.021.3500	Clay	137	48	2	21	13748221	1.81030514	6303.718854	N1/2 SE1/4 & SE1/4 SE1/4 LESS 5.7	Not Applicable	No	Limited	Full	Proposed
15.022.0200	Clay	137	48	2	22	13748222	33.294497	134966.8961	W1/2 LESS 7.19 AC TO TWP OF HOL	Not Applicable	No	Limited	Full	Proposed
15.027.2000	Clay	137	48	2	27	13748227	18.2288242	75845.67773	NW1/4 LESS DITCH & 3.34 AC 27-13	Not Applicable	No	Limited	Full	Proposed
15.027.2001	Clay	137	48	2	27	13748227	0.36515157	1268.321763	BEG 870.61' E OF NW COR; E 434.6	Not Applicable	No	Limited	Full	Proposed
15.027.3000	Clay	137	48	2	27	13748227	18.8976883	88210.06545	SW1/4 LESS DITCH 27-137-48	Not Applicable	No	Limited	Full	Proposed
15.034.1000	Clay	137	48	2	34	13748234	1.52897004	6795.81164	NE1/4 LESS 4 AC 34-137-48	Not Applicable	No	Limited	Full	Proposed
15.034.2000	Clay	137	48	2	34	13748234	21.1070753	88122.80539	NW1/4 34-137-48	Not Applicable	No	Limited	Full	Proposed
15.034.3001	Clay	137	48	2	34	13748234	2.15846074	8187.046278	N 100 AC OF SW1/4 34-137-48	Not Applicable	No	Limited	Full	Proposed
15.034.4000	Clay	137	48	2	34	13748234	30.5034231	132267.0234	SE1/4 LESS 3.75 AC 34-137-48	Not Applicable	No	Limited	Full	Proposed
15.034.4301	Clay	137	48	2	34	13648234	0.92693912	3219.637046	PT SW1/4 SE1/4 BEG 2025.42' W O	Not Applicable	No	Limited	Full	Proposed
15-007-0300	Wilkin	135	47	2	7	1354727	16.3912348	65599.43329	SW1/4 EX 10.8 ACRES	Not Applicable	No	Limited	Full	Proposed
15-007-0310	Wilkin	135	47	2	7	1354727	1.99128295	5719.364182	10.8 ACRES IN SW1/4	Not Applicable	No	Limited	Full	Proposed
15-017-0100	Wilkin	135	47	2	17	13547217	5.26220842	21264.42955	N1/2	Not Applicable	No	Limited	Full	Proposed
15-017-0200	Wilkin	135	47	2	17	13547217	9.30272341	38615.44759	SW1/4	Not Applicable	No	Limited	Full	Proposed
15-017-0300	Wilkin	135	47	2	17	13547217	16.4136876	66898.16062	SE1/4 EX 7 A IN	Not Applicable	No	Limited	Full	Proposed
15-018-0100	Wilkin	135	47	2	18	13547218	9.32896359	37907.28802	NE1/4	Not Applicable	No	Limited	Full	Proposed
15-018-0200	Wilkin	135	47	2	18	13547218	10.521411	43051.6431	E1/2 OF NW1/4	Not Applicable	No	Limited	Full	Proposed
15-018-0600	Wilkin	135	47	2	18	13547218	5.06136377	20916.34202	N1/2 OF SE1/4 &	Not Applicable	No	Limited	Full	Proposed
19-001-0500	Wilkin	135	48	2	1	1354821	10.4245179	43931.19493	W1/2 OF SW1/4	Not Applicable	No	Limited	Full	Proposed
19-002-0100	Wilkin	135	48	2	2	1354822	20.9250752	99379.48821	NE1/4	Not Applicable	No	Limited	Full	Proposed
19-002-0210	Wilkin	135	48	2	2	1354822	13.0214693	59871.59404	G LOT 3 & S1/2 NW1/4	Not Applicable	No	Limited	Full	Proposed
19-002-0500	Wilkin	135	48	2	2	1354822	15.9544761	73470.17117	SE1/4 EX 7.46A IN E1/2 SE1/2	Not Applicable	No	Limited	Full	Proposed
19-002-0510	Wilkin	135	48	2	2	1354822	0.00071119	2.251901453	7.46A IN E1/2 SE1/4	Not Applicable	No	Limited	Full	Proposed
19-012-0200	Wilkin	135	48	2	12	13548212	2.53677305	12047.88353	S1/2 OF NE1/4	Not Applicable	No	Limited	Full	Proposed
19-012-0300	Wilkin	135	48	2	12	13548212	31.5168483	148036.3996	NW1/4	Not Applicable	No	Limited	Full	Proposed
19-012-0500	Wilkin	135	48	2	12	13548212	43.1999991	197994.1367	SE1/4	Not Applicable	No	Limited	Full	Proposed
22-004-0100	Wilkin	136	48	2	4	1364824	16.2235324	63518.52196	NE1/4 EX. 12 ACRES	Protect in Easement	No	Limited	Full	Proposed
22-004-0200	Wilkin	136	48	2	4	1364824	3.16761189	10384.70158	12 ACRES IN NE1/4	Not Applicable	No	Limited	Full	Proposed
22-004-0600	Wilkin	136	48	2	4	1364824	17.7654533	70835.93338	SE1/4 EX. 12.46A	Restore	No	Limited	Full	Proposed
22-004-0700	Wilkin	136	48	2	4	1364824	5.4895682	18055.39259	12.46A IN SE1/4	Restore	No	Limited	Full	Proposed
22-009-0100	Wilkin	136	48	2	9	1364829	20.7443261	75636.86957	NE1/4	Restore	No	Limited	Full	Proposed
22-009-0600	Wilkin	136	48	2	9	1364829	24.6386073	93850.12503	SE1/4	Restore	No	Limited	Full	Proposed
22-010-0500	Wilkin	136	48	2	10	13648210	10.3682478	41097.66351	19.94A IN SW1/4 SW1/4 LYING S &	Restore	No	Limited	Full	Proposed
22-014-0300	Wilkin	136	48	2	14	13648214	18.4005074	79802.17794	E1/2 OF SW1/4	Restore	No	Limited	Full	Proposed
22-014-0400	Wilkin	136	48	2	14	13648214	9.8864383	37301.65147	W1/2 OF SW1/4	Restore	No	Limited	Full	Proposed
22-015-0200	Wilkin	136	48	2	15	13648215	22.7201165	90148.05549	NW1/4 EX 17.37A IN NW1/4 NW1/4	Restore	No	Limited	Full	Proposed
22-015-0210	Wilkin	136	48	2	15	13648215	2.68867109	8817.647581	17.37A IN NW1/4 NW1/4	Restore	No	Limited	Full	Proposed
22-015-0300	Wilkin	136	48	2	15	13648215	28.0606556	110115.6923	SW1/4	Restore	No	Limited	Full	Proposed
22-015-0400	Wilkin	136	48	2	15	13648215	12.9973164	48219.94574	N1/2 OF SE1/4	Restore	No	Limited	Full	Proposed
22-015-0500	Wilkin	136	48	2	15	13648215	7.63406657	29006.52266	S1/2 OF SE1/4	Restore	No	Limited	Full	Proposed
22-023-0100	Wilkin	136	48	2	23	13648223	2.23738739	9579.978758	NE1/4	Restore	No	Limited	Full	Proposed
22-023-0200	Wilkin	136	48	2	23	13648223	24.5752527	89957.64273	NW1/4	Restore	No	Limited	Full	Proposed
22-023-0300	Wilkin	136	48	2	23	13648223	2.37531907	8902.163348	SW1/4 EX W 467' OF S 467'	Restore	No	Limited	Full	Proposed
22-023-0400	Wilkin	136	48	2	23	13648223	39.2950812	172550.6126	W1/2 SE1/4	Restore	No	Limited	Full	Proposed
22-026-0100	Wilkin	136	48	2	26	13648226	33.2961644	148279.865	NE1/4	Restore	No	Limited	Full	Proposed
22-026-0600	Wilkin	136	48	2	26	13648226	21.704492	94414.14769	SE1/4 EX 7.25 A	Restore	Yes	Limited	Full	Proposed
22-026-0700	Wilkin	136	48	2	26	13648226	1.63506379	5361.208319	7.25 A IN SW1/4 OF SE1/4	Restore	No	Limited	Full	Proposed
22-035-0100	Wilkin	136	48	2	35	13648235	7.2607482	32099.15899	N1/2 NE1/4	Protect in Easement	No	Limited	Full	Proposed



# Lessard-Sams Outdoor Heritage Council Comparison Report

**Program Title:** 2017 - Wolverton Creek Habitat Restoration  
**Organization:** Buffalo-Red River Watershed District  
**Manager:** Bruce Albright

## Budget

Requested Amount: \$3,015,000  
 Appropriated Amount: \$1,877,000  
 Percentage: 62.26%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$0	\$0	\$0	\$0	-	-
Contracts	\$728,000	\$2,648,000	\$450,000	\$2,979,600	61.81%	112.52%
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$142,000	\$0	\$0	\$0	0.00%	-
Easement Acquisition	\$1,892,000	\$811,000	\$1,265,000	\$179,400	66.86%	22.12%
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$0	\$0	\$0	\$0	-	-
Professional Services	\$248,000	\$252,000	\$159,000	\$341,000	64.11%	135.32%
Direct Support Services	\$0	\$0	\$0	\$0	-	-
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$5,000	\$0	\$3,000	\$0	60.00%	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
<b>Total</b>	<b>\$3,015,000</b>	<b>\$3,711,000</b>	<b>\$1,877,000</b>	<b>\$3,500,000</b>	<b>62.26%</b>	<b>94.31%</b>

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

Reduced funding will be prioritized to Reach B stream restoration and easement work. As funding allows, additional acquisition and channel restoration work will occur upstream or downstream of Reach B (as listed in the parcel acquisition list). The BRRWD will work with NRCS programs to stretch available LSOHC funding.

# Output

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	333	334	100.30%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	37	0	0.00%
Protect in Easement	370	23	6.22%
Enhance	0	0	-

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,597,900	1,781,100	111.47%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	261,200	0	0.00%
Protect in Easement	1,155,900	95,900	8.30%
Enhance	0	0	-

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	333	334	100.30%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	37	0	0.00%
Protect in Easement	370	23	6.22%
Enhance	0	0	-

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

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,597,900	1,781,100	111.47%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	261,200	0	0.00%
Protect in Easement	1,155,900	95,900	8.30%
Enhance	0	0	-