



Lessard-Sams Outdoor Heritage Council

Buffalo River Watershed Stream Habitat Program - Phase 2
Laws of Minnesota 2022 Accomplishment Plan

General Information

Date: 01/05/2022

Project Title: Buffalo River Watershed Stream Habitat Program - Phase 2

Funds Recommended: \$2,348,000

Legislative Citation: ML 2022, Ch. XX, Art. 1, Sec. 2, subd.

Appropriation Language:

Manager Information

Manager's Name: Kristine Altrichter

Title: Administrator

Organization: Buffalo-Red River Watershed District

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Location Information

County Location(s): Clay, Wilkin and Becker.

Eco regions in which work will take place:

- Prairie

Activity types:

- Restore
- Enhance

Priority resources addressed by activity:

- Prairie
- Habitat

Narrative

Abstract

A century of channel straightening efforts has significantly reduced the habitat quality within the BRRWD. The BRRWD has identified, with preliminary designs completed, a number of straightened streams. In the second phase of this multi-phase project, the BRRWD in partnership with landowners, federal, state, and local agencies, will restore 7 miles of the Upper Buffalo River channel and riparian habitat corridor, and 4.2 miles of the South Branch Buffalo River channel and riparian habitat corridor. Additional restorations of straightened streams include a Buffalo River tributary (Glyndon), and Whisky Creek and its south tributary to be completed as funding permits.

Design and Scope of Work

Throughout the last century, channel straightening efforts and poor field practices have significantly reduced the habitat quality within the BRRWD. Channel straightening efforts have eliminated hundreds of acres of quality stream habitat. Straightened channels create homogenous habitats that no longer have the shallow riffles and deeper pools that are required by fish at various stages in their life cycle. The straightened reaches also tend to lose access to their floodplains which increases erosion in the channel and causes downstream flooding. In addition, aggradation of the downstream channel, due to increased sediment loading, reduces habitat quality and makes flooding worse. Over the last several years, the BRRWD, with input and in partnership with landowners, federal, state, and local agencies, designed comprehensive subwatershed restoration plans and intends to implement these plans over the next several years. A component of these plans includes the restoration of numerous reaches of straightened and abandoned creek and river channels throughout the Watershed District. Prioritization of projects is largely based on ecological benefits, being shovel-ready and having landowner and other stakeholder support. In the second phase of this multi-phase project, the BRRWD plans to restore 7 miles of the Upper Buffalo River channel, within an 11-mile stream reach, and associated riparian habitat corridor. In addition, this phase will restore 4.2 miles of the South Branch Buffalo River channel in the 280 acre associated riparian habitat corridor. The Upper Buffalo River and the South Branch Buffalo River will be restored using natural channel design principles. The river restorations have been designed with direct input from the MN DNR Stream Habitat Program as well as the MN Board of Water & Soil Resources (BWSR). A sinuous riffle-pool natural channel design is proposed to recreate the aquatic habitat diversity that was lost in the straightened channel. The naturally stable restored channel will not only recreate lost habitat but will reduce the current erosion that is overloading downstream reaches of the Upper Buffalo River and South Branch Buffalo River. This project is being completed in conjunction with a Reinvest in Minnesota project implemented by the MN BWSR. As part of their comprehensive subwatershed planning process, the District has completed planning and design on three additional stream reaches which are included as part of this application package. These include the restoration of Whisky Creek, its south tributary, and the Buffalo River tributary near Glyndon and their associated riparian corridors. Additional stream restoration enhancement along the Buffalo River tributary near Glyndon and Whisky Creek will be completed as funding permits when and if additional sources of match funding become available. Combined, these comprehensive projects have the potential to restore and enhance more than 46 miles of natural prairie stream. Ultimately, over 970 acres of stream, river, floodplain, wetland, and grassland habitat along these restoration reaches will be protected and restored.

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

This project will restore 11.2 miles of stream and riparian habitat for associated fish and wildlife communities. This project is the second phase of a long-term effort within the BRRWD. This project will also benefit mussel and insect populations along and downstream of the South Branch and Upper Buffalo River by improving water quality.

Pollinator seed mixes will be used along the habitat corridor. The project will provide a continuous wildlife corridor from the Rothsay Wildlife Management Area downstream to CSAH 30. The South Branch downstream of the restoration reach will benefit from a reduced sediment loading to the river 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. Less than one mile away, Lawndale Creek is a designated trout stream. DNR studies show that throughout the year, the trout migrate to the South Branch. Restoration of the nearby channel will increase fish usage of this perennial stream. Greater Prairie Chicken are one upland species that will also benefit from the permanent protection of upland areas.

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

The BRRWD uses a science-based planning model for the selection of stream projects. The targeted projects involve straightened reaches that have lost much of their habitat diversity. Reference stream reaches set the geometry for all of the proposed stream restoration based on survey work completed by the MN Department of Natural Resources (DNR). Geometry used is characteristic of Rosgen E-channels in low gradient streams. The South Branch project is located in the vicinity of the Rothsay WMA (4 miles east), Manston WMA (2 miles southwest), Atherton WMA (1 mile northeast), soon to be established Rogelstad WMA (1 mile east) and a designated trout stream (Lawndale Creek). In addition, RIM easements, an SNA, and a number of WRP projects in the South Branch project area connect the project in a continuous habitat corridor directly to the Rothsay WMA. The South Branch project would be adjacent to the Rothsay Prairie which is identified in the MN Prairie Conservation Plan as a core area. The Upper Buffalo project is located in the vicinity of the Ogema WMA (1 mile east), Riparia WMA (adjacent to project), Pednor WMA (2 miles northwest), the Matter WPA, Donley/Tillman WPA, and Buchl WPA, and Hamden Slough NWR. The Upper Buffalo project is in the Waubun Prairie which is identified in the MN Prairie Conservation Plan as a core area. 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 two sections of the Minnesota Statewide Conservation and Preservation Plan are most applicable to this project?

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

Which two other plans are addressed in this program?

- National Fish Habitat Action Plan
- Red River of the North Fisheries Management Plan

Which LSOHC section priorities are addressed in this program?

Prairie

- Restore or enhance habitat on public lands

Does this program include leveraged funding?

Yes

Explain the leverage:

The BRRWD has an existing Clean Water Fund Grant through with the MN BWSR and will work with and encourage landowners to utilize programs (CREP, RIM) to implement the project to the extent possible. These programs require landowners to apply and it is expected that landowners will participate. Local tax levy funds will also be used as leverage funds.

Per MS 97A.056, Subd. 24, Please explain 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 funding provided by the Outdoor Heritage Fund does not supplant or substitute for any previous funding.

Non-OHF Appropriations

| Year | Source | Amount |
|-------------|------------------|---------------|
| 2021 | Clean Water Fund | 300,000 |
| 2019 | Section 319 | 613,908 |
| 2016 | MN BWSR - RIM | 1,063,106.25 |
| 2013-2021 | Local Tax Levy | 400,000 |
| 2013 | Clean Water Fund | 336,000 |
| 2010 | MN BWSR - RIM | 478,094.83 |

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

In accordance with Minnesota Watershed Law and the Red River Basin Flood Damage Reduction Work Group Mediation agreement, projects implemented under this grant will be monitored to ensure they are working as intended. It is expected that there will be some maintenance in the first few years to ensure native vegetation is established. The stream restoration projects are designed following natural channel design principles and are expected to be largely self-sustaining. Significant long-term maintenance costs are not expected; however, the BRRWD will set up a local tax levy that will provide long-term maintenance funding for the project. The locally raised levy will provide an annual revenue stream for maintenance. Post-project monitoring will be conducted by the BRRWD, the Riverwatch Program, and the International Water Institute.

How will the program directly involve, engage, and benefit BIPOC (Black, Indigenous, People of Color) and diverse communities:

The Upper Buffalo project is located within the White Earth Indian Reservation. The 150 acres of restored floodplain, wetland, and grassland habitat area, in addition to the 7 miles of restored channel, will have a direct positive impact on the Indigenous community throughout the White Earth Indian Reservation.

Activity Details**Requirements**

If funded, this program 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

Where does the activity take place?

- Permanently Protected Conservation Easements
- Public Waters

Land Use**Will there be planting of any crop on OHF land purchased or restored in this program?**

No

Timeline

| Activity Name | Estimated Completion Date |
|--|----------------------------------|
| Continue contacting landowners along stream restoration as part of the acquisition process | August 2021 |
| Complete construction and restoration (Upper Buffalo and South Branch) | June 2026 |
| Begin construction | October 2022 |
| Complete land acquisition | August 2022 |
| Establish local funding source (pre-grant) | June 2022 |
| Finalize construction plans for the Upper Buffalo and South Branch projects (pre-grant) | December 2021 |

Date of Final Report Submission: 11/01/2027

Budget

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

Totals

| Item | Funding Request | Antic. Leverage | Leverage Source | Total |
|-------------------------------|--------------------|------------------|-------------------------------------|--------------------|
| Personnel | - | - | - | - |
| Contracts | \$1,942,000 | \$250,000 | Clean Water Fund | \$2,192,000 |
| Fee Acquisition w/ PILT | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - |
| Easement Acquisition | - | \$300,000 | CREP, RIM, Local Tax Levy | \$300,000 |
| Easement Stewardship | - | - | - | - |
| Travel | - | - | - | - |
| Professional Services | \$405,000 | \$140,000 | Local Tax Levy, Clean Water Fund | \$545,000 |
| Direct Support Services | - | - | - | - |
| DNR Land Acquisition Costs | - | - | - | - |
| Capital Equipment | - | - | - | - |
| Other Equipment/Tools | - | - | - | - |
| Supplies/Materials | \$1,000 | - | - | \$1,000 |
| DNR IDP | - | - | - | - |
| Grand Total | \$2,348,000 | \$690,000 | - | \$3,038,000 |

Amount of Request: \$2,348,000

Amount of Leverage: \$690,000

Leverage as a percent of the Request: 29.39%

DSS + Personnel: -

As a % of the total request: 0.0%

Easement Stewardship: -

As a % of the Easement Acquisition: -

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

It is anticipated the project will accomplish approximately 45% of the original proposed river restoration work. It is estimated that approximately 5 miles of river restoration work will be completed.

Describe and explain leverage source and confirmation of funds:

The BRRWD has an existing Clean Water Fund Grant through the MN BWSR and will work with, and encourage, landowners to utilize programs (CREP, RIM) to implement the project to the fullest extent possible. The BRRWD has tax levy authority to raise local funds.

Contracts

What is included in the contracts line?

Cost associated with river restoration construction and re-establishment of vegetation.

Federal Funds

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?

12/31/2021

Output Tables**Acres by Resource Type (Table 1)**

| Type | Wetland | Prairie | Forest | Habitat | Total Acres |
|--|---------|-----------|--------|-----------|-------------|
| Restore | - | 45 | - | 55 | 100 |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | - | - | - | - | - |
| Total | - | 45 | - | 55 | 100 |

Total Requested Funding by Resource Type (Table 2)

| Type | Wetland | Prairie | Forest | Habitat | Total Funding |
|--|---------|------------------|--------|--------------------|--------------------|
| Restore | - | \$215,000 | - | \$2,133,000 | \$2,348,000 |
| Protect in Fee with State PILT Liability | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | - | - | - | - | - |
| Total | - | \$215,000 | - | \$2,133,000 | \$2,348,000 |

Acres within each Ecological Section (Table 3)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest | Total Acres |
|--|-------------|----------------|-----------|------------|-----------|-------------|
| Restore | - | - | - | 100 | - | 100 |
| Protect in Fee with State PILT Liability | - | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - | - |
| Enhance | - | - | - | - | - | - |
| Total | - | - | - | 100 | - | 100 |

Total Requested Funding within each Ecological Section (Table 4)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest | Total Funding |
|--|-------------|----------------|-----------|--------------------|-----------|--------------------|
| Restore | - | - | - | \$2,348,000 | - | \$2,348,000 |
| Protect in Fee with State PILT Liability | - | - | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - | - |
| Enhance | - | - | - | - | - | - |
| Total | - | - | - | \$2,348,000 | - | \$2,348,000 |

Average Cost per Acre by Resource Type (Table 5)

| Type | Wetland | Prairie | Forest | Habitat |
|--|---------|---------|--------|----------|
| Restore | - | \$4,777 | - | \$38,781 |
| Protect in Fee with State PILT Liability | - | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - | - |
| Protect in Easement | - | - | - | - |
| Enhance | - | - | - | - |

Average Cost per Acre by Ecological Section (Table 6)

| Type | Metro/Urban | Forest/Prairie | SE Forest | Prairie | N. Forest |
|--|-------------|----------------|-----------|----------|-----------|
| Restore | - | - | - | \$23,480 | - |
| Protect in Fee with State PILT Liability | - | - | - | - | - |

| | | | | | |
|--|---|---|---|---|---|
| Protect in Fee w/o State PILT Liability | - | - | - | - | - |
| Protect in Easement | - | - | - | - | - |
| Enhance | - | - | - | - | - |

Target Lake/Stream/River Feet or Miles

5

Outcomes

Programs in prairie region:

- Protected, restored, and enhanced habitat for migratory and unique Minnesota species ~ *Project outcomes are measured by the total acres of restored riparian habitat, in addition to the total stream miles restored.*

Parcels

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.

Parcel Information

Sign-up Criteria?

No

Explain the process used to identify, prioritize, and select the parcels on your list:

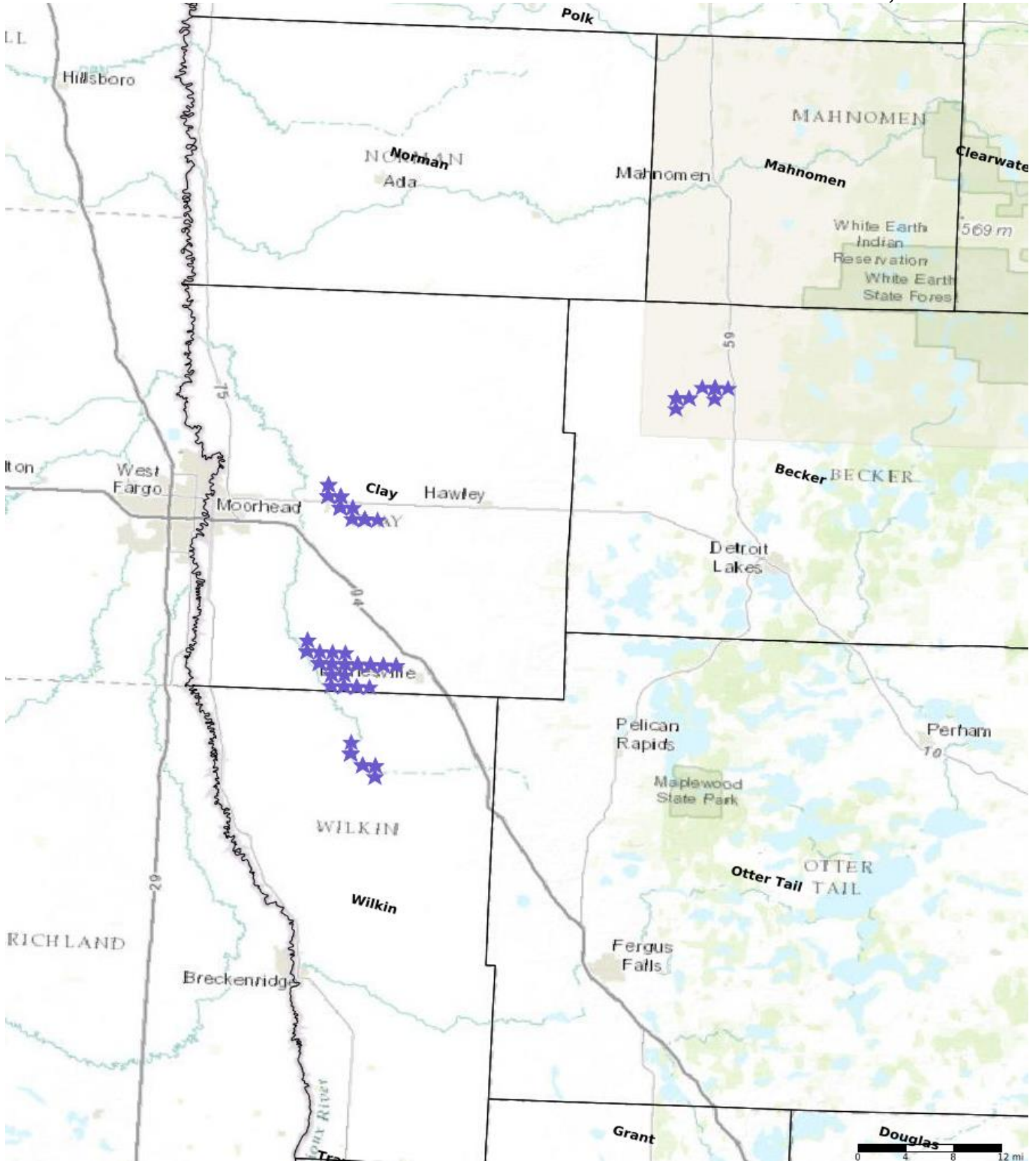
While numerous reaches in the Buffalo River watershed are identified, the Upper Buffalo and South Branch of the Buffalo River restoration reaches are being prioritized for implementation. These projects are nearly shovel ready and will be by the time LSOHC funding is available. Significant benefits to habitat, water quality, and flood damage reduction are expected by these projects.

Restore / Enhance Parcels

| Name | County | TRDS | Acres | Est Cost | Existing Protection |
|-------------|--------|----------|-------|-----------|---------------------|
| 23.0066.000 | Becker | 14142215 | 7 | \$70,790 | No |
| 23.0075.000 | Becker | 14142216 | 3 | \$30,338 | No |
| 23.0077.000 | Becker | 14142216 | 11 | \$111,242 | No |
| 23.0080.000 | Becker | 14142216 | 5 | \$50,565 | No |
| 23.0108.000 | Becker | 14142221 | 18 | \$182,032 | No |
| 23.7022.200 | Becker | 14142215 | 3 | \$30,338 | No |
| 23.0056.001 | Becker | 14142212 | 18 | \$223,218 | No |
| 23.0052.000 | Becker | 14142212 | 17 | \$171,920 | No |
| 23.0055.001 | Becker | 14142212 | 2 | \$20,226 | No |
| 23.0060.000 | Becker | 14142213 | 8 | \$229,982 | No |
| 23.0048.000 | Becker | 14142211 | 12 | \$121,355 | No |
| 23.0056.000 | Becker | 14142212 | 12 | \$121,355 | No |
| 23.0055.000 | Becker | 14142212 | 7 | \$70,790 | No |
| 04.0038.000 | Becker | 14141207 | 21 | \$94,698 | Yes |
| 23.0053.000 | Becker | 14142212 | 1 | \$10,112 | No |
| 23.0054.000 | Becker | 14142212 | 0 | \$0 | No |
| 01.023.4001 | Clay | 13747223 | 1 | \$0 | No |
| 01.023.4000 | Clay | 13747223 | 4 | \$0 | No |
| 01.023.2201 | Clay | 13747223 | 1 | \$0 | No |
| 01.023.0100 | Clay | 13747223 | 17 | \$0 | No |
| 01.015.2000 | Clay | 13747215 | 1 | \$0 | No |
| 01.015.1000 | Clay | 13747215 | 16 | \$0 | No |
| 01.015.0300 | Clay | 13747215 | 2 | \$0 | No |
| 01.014.3000 | Clay | 13747214 | 10 | \$0 | No |
| 01.010.4001 | Clay | 13747210 | 1 | \$0 | No |
| 01.010.3770 | Clay | 13747210 | 1 | \$0 | No |
| 02.060.0101 | Clay | 13746220 | 1 | \$0 | No |
| 02.023.3701 | Clay | 13746223 | 10 | \$0 | No |
| 02.023.3301 | Clay | 13746223 | 4 | \$0 | No |
| 02.023.3001 | Clay | 13746223 | 1 | \$0 | No |
| 02.022.4600 | Clay | 13746222 | 7 | \$0 | No |
| 02.022.4400 | Clay | 13746222 | 5 | \$0 | Yes |
| 02.022.3000 | Clay | 13746222 | 11 | \$0 | No |
| 02.021.4330 | Clay | 13746221 | 1 | \$0 | No |

| | | | | | |
|-------------|------|----------|----|-----|-----|
| 02.021.4000 | Clay | 13746221 | 5 | \$0 | No |
| 02.021.2000 | Clay | 13746221 | 17 | \$0 | No |
| 02.021.1800 | Clay | 13746221 | 1 | \$0 | No |
| 02.020.2201 | Clay | 13746220 | 18 | \$0 | No |
| 02.020.2000 | Clay | 13746220 | 2 | \$0 | No |
| 02.020.1101 | Clay | 13746220 | 17 | \$0 | No |
| 02.020.1000 | Clay | 13746220 | 2 | \$0 | No |
| 02.019.1500 | Clay | 13746219 | 12 | \$0 | No |
| 02.019.1101 | Clay | 13746219 | 1 | \$0 | No |
| 02.019.0200 | Clay | 13746219 | 5 | \$0 | No |
| 02.018.3000 | Clay | 13746218 | 16 | \$0 | No |
| 01.013.4700 | Clay | 13747213 | 1 | \$0 | No |
| 25.018.4000 | Clay | 13946218 | 1 | \$0 | No |
| 25.018.1000 | Clay | 13946218 | 20 | \$0 | No |
| 25.017.4100 | Clay | 13946217 | 1 | \$0 | No |
| 25.017.4000 | Clay | 13946217 | 2 | \$0 | No |
| 25.017.3600 | Clay | 13946217 | 3 | \$0 | No |
| 25.017.3000 | Clay | 13946217 | 2 | \$0 | No |
| 25.017.2600 | Clay | 13946217 | 1 | \$0 | No |
| 25.017.2000 | Clay | 13946217 | 1 | \$0 | No |
| 25.017.1000 | Clay | 13946217 | 3 | \$0 | No |
| 25.016.3000 | Clay | 13946216 | 1 | \$0 | No |
| 25.007.4701 | Clay | 13946207 | 13 | \$0 | No |
| 25.007.4700 | Clay | 13946207 | 4 | \$0 | No |
| 20.035.4303 | Clay | 14047235 | 3 | \$0 | No |
| 20.035.4302 | Clay | 14047235 | 3 | \$0 | No |
| 20.035.0401 | Clay | 14047235 | 1 | \$0 | No |
| 10.012.9999 | Clay | 13947212 | 2 | \$0 | No |
| 10.012.9001 | Clay | 13947212 | 1 | \$0 | No |
| 10.012.4502 | Clay | 13947212 | 2 | \$0 | No |
| 10.012.4501 | Clay | 13947212 | 10 | \$0 | No |
| 10.012.2470 | Clay | 13947212 | 4 | \$0 | No |
| 10.012.2300 | Clay | 13947212 | 1 | \$0 | No |
| 02.033.2060 | Clay | 13746233 | 1 | \$0 | No |
| 10.012.2202 | Clay | 13947212 | 1 | \$0 | No |
| 10.012.2201 | Clay | 13947212 | 1 | \$0 | No |
| 10.012.2104 | Clay | 13947212 | 1 | \$0 | No |
| 10.012.1000 | Clay | 13947212 | 6 | \$0 | No |
| 10.002.1801 | Clay | 13947202 | 1 | \$0 | No |
| 10.002.1400 | Clay | 13947202 | 6 | \$0 | Yes |
| 10.002.1301 | Clay | 13947202 | 1 | \$0 | No |
| 10.002.1300 | Clay | 13947202 | 2 | \$0 | No |
| 10.002.1201 | Clay | 13947202 | 4 | \$0 | No |
| 10.001.3301 | Clay | 13947201 | 1 | \$0 | No |
| 10.001.3000 | Clay | 13947201 | 10 | \$0 | No |
| 10.001.2000 | Clay | 13947201 | 3 | \$0 | No |
| 10.012.2203 | Clay | 13947212 | 3 | \$0 | No |
| 02.032.3000 | Clay | 13746232 | 1 | \$0 | No |
| 02.032.2000 | Clay | 13746232 | 10 | \$0 | No |
| 02.032.1000 | Clay | 13746232 | 10 | \$0 | No |
| 02.031.3000 | Clay | 13746231 | 7 | \$0 | No |
| 02.031.2001 | Clay | 13746231 | 1 | \$0 | No |
| 02.031.2000 | Clay | 13746231 | 7 | \$0 | No |
| 02.031.0400 | Clay | 13746231 | 21 | \$0 | No |
| 02.030.0300 | Clay | 13746230 | 2 | \$0 | No |
| 01.036.1100 | Clay | 13747236 | 1 | \$0 | No |
| 01.036.0100 | Clay | 13747236 | 8 | \$0 | No |

| | | | | | |
|-------------|--------|----------|----|-----------|-----|
| 01.025.4000 | Clay | 13747225 | 14 | \$0 | No |
| 01.025.1000 | Clay | 13747225 | 13 | \$0 | No |
| 01.024.4000 | Clay | 13747224 | 7 | \$0 | No |
| 01.024.0000 | Clay | 13747224 | 14 | \$0 | No |
| 01.023.4002 | Clay | 13747223 | 3 | \$0 | No |
| 12-004-0400 | Wilkin | 13546204 | 13 | \$131,467 | Yes |
| 12-005-0600 | Wilkin | 13546205 | 16 | \$161,806 | Yes |
| 12-005-0300 | Wilkin | 13546205 | 8 | \$80,903 | Yes |
| 12-005-0200 | Wilkin | 13546205 | 4 | \$40,451 | Yes |
| 12-006-0100 | Wilkin | 13546205 | 13 | \$131,467 | Yes |
| 12-009-0200 | Wilkin | 13546209 | 1 | \$10,112 | Yes |
| 12-009-0100 | Wilkin | 13546209 | 1 | \$10,112 | Yes |
| 12-004-0500 | Wilkin | 13546204 | 1 | \$10,112 | Yes |
| 03-030-0400 | Wilkin | 13646230 | 1 | \$10,112 | Yes |
| 03-031-0400 | Wilkin | 13646231 | 5 | \$50,565 | Yes |
| 03-031-0500 | Wilkin | 13646231 | 3 | \$30,338 | Yes |
| 03-031-0100 | Wilkin | 13646231 | 10 | \$101,128 | Yes |
| 03-031-0200 | Wilkin | 13646231 | 4 | \$40,451 | Yes |



- Protect in Easement
- ▲ Protect in Fee with PILT
- Protect in Fee W/O PILT
- ★ Restore
- ✕ Enhance
- ⊕ Other

Parcel Map
Buffalo River Watershed Stream Habitat Program - Phase 2
(Data Generated From Parcel List)



Lessard-Sams Outdoor Heritage Council

Comparison Report

Program Title: ML 2022 - Buffalo River Watershed Stream Habitat Program - Phase 2

Organization: Buffalo-Red River Watershed District

Manager: Kristine Altrichter

Budget

Requested Amount: \$4,951,000

Appropriated Amount: \$2,348,000

Percentage: 47.42%

| Item | Total Requested | | Total Appropriated | | Percentage of Request | |
|----------------------------|--------------------|--------------------|--------------------|------------------|-----------------------|---------------------|
| | Requested | Leverage | Appropriated | Leverage | Percent of Request | Percent of Leverage |
| Personnel | - | - | - | - | - | - |
| Contracts | \$4,250,000 | \$250,000 | \$1,942,000 | \$250,000 | 45.69% | 100.0% |
| Fee Acquisition w/ PILT | - | - | - | - | - | - |
| Fee Acquisition w/o PILT | - | - | - | - | - | - |
| Easement Acquisition | - | \$750,000 | - | \$300,000 | - | 40.0% |
| Easement Stewardship | - | - | - | - | - | - |
| Travel | - | - | - | - | - | - |
| Professional Services | \$700,000 | \$140,000 | \$405,000 | \$140,000 | 57.86% | 100.0% |
| Direct Support Services | - | - | - | - | - | - |
| DNR Land Acquisition Costs | - | - | - | - | - | - |
| Capital Equipment | - | - | - | - | - | - |
| Other Equipment/Tools | - | - | - | - | - | - |
| Supplies/Materials | \$1,000 | - | \$1,000 | - | 100.0% | - |
| DNR IDP | - | - | - | - | - | - |
| Grand Total | \$4,951,000 | \$1,140,000 | \$2,348,000 | \$690,000 | 47.42% | 60.53% |

If the project received 70% of the requested funding

Describe how the scaling would affect acres/activities and if not proportionately reduced, why?

Reduced funding will limit the length of stream restoration work to be completed. The restoration reach would be shortened by more than 30%. As funding allows, additional stream restoration work will occur upstream or downstream. The BRRWD will continue to look for additional funding to stretch what the LSOHC provides.

Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?

N/A

If the project received 50% of the requested funding

Describe how the scaling would affect acres/activities and if not proportionately reduced, why?

Reduced funding will limit the length of stream restoration work to be completed. The restoration reach would be shortened by more than 50%. As funding allows, additional stream restoration work will occur upstream or downstream. The BRRWD will continue to look for additional funding to stretch what the LSOHC provides.

Describe how personnel and DSS expenses would be adjusted and if not proportionately reduced, why?

N/A

Output

Acres by Resource Type (Table 1)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | 225 | 100 | 44.44% |
| Protect in Fee with State PILT Liability | 0 | - | - |
| Protect in Fee w/o State PILT Liability | 0 | - | - |
| Protect in Easement | 0 | - | - |
| Enhance | 0 | - | - |

Total Requested Funding by Resource Type (Table 2)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | \$4,951,000 | \$2,348,000 | 47.42% |
| Protect in Fee with State PILT Liability | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - |
| Protect in Easement | - | - | - |
| Enhance | - | - | - |

Acres within each Ecological Section (Table 3)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | 225 | 100 | 44.44% |
| Protect in Fee with State PILT Liability | 0 | - | - |
| Protect in Fee w/o State PILT Liability | 0 | - | - |
| Protect in Easement | 0 | - | - |
| Enhance | 0 | - | - |

Total Requested Funding within each Ecological Section (Table 4)

| Type | Total Proposed | Total in AP | Percentage of Proposed |
|--|----------------|-------------|------------------------|
| Restore | \$4,951,000 | \$2,348,000 | 47.42% |
| Protect in Fee with State PILT Liability | - | - | - |
| Protect in Fee w/o State PILT Liability | - | - | - |
| Protect in Easement | - | - | - |
| Enhance | - | - | - |



1150 Hwy 75 North, Breckenridge, MN 56520 (218) 643-2933

May 20, 2021

Peter Fjestad, President
Buffalo-Red River Watershed District
1303 4th Ave NE
Barnesville, MN 56514

Dear Mr. Fjestad,

The Wilkin Soil and Water Conservation District (SWCD) would like to express our support of the Buffalo-Red River Watershed District's (BRRWD) application to the Lessard Sams Outdoor Heritage Council (LSOHC) for funding to restore high priority streams.

Your project to restore 11.2 miles of natural stream channels with meanders, pools and riffles and more than 225 acres of riparian corridors will result in the restoration and enhancement of valuable wetland and prairie habitats and benefit fish, game and other wildlife.

For decades the Wilkin SWCD has worked collaboratively with the BRRWD, landowners and other partners in the comprehensive watershed planning process and to complete many complex natural resource restoration and enhancement projects. We are confident that the acquisition of LSOHC funding when coupled with existing landowner and stakeholder support will result in another successful project.

Sincerely,

Don Bajumpaa
District Manager
Wilkin SWCD

It is the mission of the Wilkin Soil and Water Conservation District to provide local leadership in the conservation of soil, water, and related natural resources through programs and partnerships with individuals, businesses, organizations and government.