

Conservation Partners Legacy Grant Application

CPL1000099

[Spreadsheet](#)

Name and Contact

Project Identifier:	CPL1000099	Street Address 1:	6431 University Ave NE
Project Name:	Springbrook Nature Center Wetland & Stream Restoration	Street Address 2:	
Organization Name:	City of Fridley, Springbrook Nature Center	City:	Fridley
Organization Website:	http://www.springbrooknaturecenter.org/	State:	MN
Organization Contact Person:	Siah St. Clair, Director	Zip Code:	55432
Contact Email:	Stclairs@ci.fridley.mn.us		
Contact Phone:	763.572.3589		

Location

Primary County: Anoka
Nearest City: Fridley
Township: T130N
Project Site Name: Springbrook Nature Center
Project Site Land Ownership: Local
Other Land Ownership:

Project Information

Primary Activity: Restoration
Primary Habitat Type: Wetland
Total Project Acres: 3
Total Project Sites: 1
Total Grant Amount Requested: \$122000
Total Match Amount: \$75000
Total Project Cost: \$197000
Project Completion Date: 06/2012 (MM/YYYY)

Project Summary and Outcomes: The City of Fridley's Springbrook Nature Center will 1.) develop a Comprehensive Natural Resources Management Plan for the 120 acre nature center property, 2.) design and conduct on-the-ground restoration of three wetland control structures, as well as 3.) restore over 1 acre of wet meadow/shallow marsh and 4.) restore 470 linear feet of stream. The work will serve to not only restore hydrology and wildlife habitat, but enable Springbrook Nature Center to offer wetland and stream biology/exploration programming once again. Restoration of wetland and stream areas will also allow nature center to once again offer this aspect of their environmental education program.

Attachments

- [Project Site Information Form](#)
- [Project Budget and Match Description](#)
- [Partner Commitment Letter](#)
- Financial Documentation
- Conservation Easement
- Supplementary Attachment #1
- Supplementary Attachment #2

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Conservation Partners Legacy Grant Program

Project Site Information

Contact information

Project name:	Springbrook Wetland & Stream Restoration
Organization:	Springbrook Nature Center City of Fridley 6431 University Ave NE Fridley, MN 55432
Organization contact person (Project Manager):	Siah St. Clair, Director

Project information

Project site:	Springbrook Nature Center				
Project site land manager or easement holder:	Legal :	T130N	R24W	S3	QN 1/2
Private land owner (if applicable):	Owned by city - Not Applicable		County: Anoka		
	N/A				

Activity (may choose more than one): Enhancement Restoration Acquisition
 Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat
 Activity quantity: Acres Miles Feet Structures Wetlands

Project Site #2, if needed.

Project site:	Not applicable				
Project site land manager or easement holder:	Legal :	T	R	S	Q
Private land owner (if applicable):	County:				

Activity (may choose more than one): Enhancement Restoration Acquisition
 Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat
 Activity quantity: Acres Miles Feet Structures Wetlands

Project Site #3, if needed. Use Additional Project Sites form if needed.

Project site:	N/A				
Project site land manager or easement holder:	Legal :	T	R	S	Q
Private land owner (if applicable):	County:				

Activity (may choose more than one): Enhancement Restoration Acquisition

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat
 Activity quantity: Acres Miles Feet Structures Wetlands

Project timeline:

Time frame	Goal	Time frame	Goal
Spring/Summer 2010	background information gathering/field inventory and survey		
July 2010 - January 2011	Develop Comprehensive Natural Resources Management Plan		
Fall 2010	Develop construction documents for restoration efforts (wetland, stream, weirs)		
Winter 2011 - Spring 2011	Restoration construction, stream and wetland restoration sequenced with weir repair		
Spring 2011 - June 2012	Restoration of native vegetation, grow-in maintenance		

Project description and benefits (box will expand as typed into, not to be longer than 2 pages):

The City of Fridley's Springbrook Nature Center will 1.) develop a Comprehensive Natural Resources Management Plan for the 120 acre nature center property, 2.) design and conduct on-the-ground restoration of three wetland control structures, as well as 3.) restore over 1 acre of wet meadow/shallow marsh wetland and 4.) restore 470 linear feet of stream. The work will serve to not only restore hydrology and wildlife habitat, but enable Springbrook Nature Center to offer wetland and stream biology/exploration programming once again. Degradation of the wetland and stream areas have impacted the ability of the nature center to offer this aspect of their environmental education program.

Components of this project include:

Comprehensive Natural Resource Management Plan development - Over the course of the last approximately 30 years the City of Fridley's Springbrook Nature Center has been the focus of a wide variety of studies and monitoring, including nongame birds, amphibians and reptiles, lepidoptera, white-tail deer aerial surveys/monitoring, vegetation surveys, and others. As well, the staff and volunteers have been implementing on-the-ground natural resource management on an as-needed basis for several decades. However, Springbrook lacks a Comprehensive Natural Resources Management Plan (CNRMP) document to guide integrated long-term management. This project will develop a Springbrook CNRMP that summarizes existing conditions, coalesces existing and past studies, and develop a set of detailed, prioritized natural resource management goals and activities for the site. The Springbrook CNRMP will allow staff to focus staff and volunteer resources in areas and in priority order to result in the best overall outcome. We propose to partner with Bonestree ecologists, wetland scientists, and wildlife biologist to develop this plan.

Weir design and restoration - currently, three weirs on nature center property are in various states of being compromised, resulting in degradation of wet meadow, stream, and shallow marsh areas. Work is anticipated to include repair of earthen berms and repair/replacement of weir structures as-needed. This will allow for restoration of more appropriate hydrologic conditions. Revegetation of disturbed areas will occur with native plants, originating from Anoka County and/or the Twin Cities region, where possible. This work will be planned and sequentially integrated with stream and wetland restoration activities described below to ensure the best practicable results and long-term outcomes for the hydrology, habitat and wildlife of the site.

Stream Restoration - Due to failure of an upstream weir, approximately 470 feet of stream has become incised resulting in degradation of the stream from excessive scour and erosion/sediment transport. This work will be timed in coordination with the weir repair mentioned above, so the greatest restoration benefit can be realized. This task will include field investigation, restoration design (including construction documents) and on-the-ground restoration (anticipated for late 2010). We will investigate the possibility of returning the stream to its original alignment to not only restore the stream's hydrology, but to also ensure that the wetland restoration outcome is sustainable (task below). Revegetation of disturbed areas will occur with native plants originating from Anoka County and/or the Twin Cities region as a first choice priority.

Wetland restoration - An important wetland for wildlife and environmental education programming has received excessive sediment. This task is proposed to restore approximately one acre of wetland to the original grade by removing sediment. This wetland is also been noted in the past to support American bittern, listed as a Species in Greatest Conservation Need. This work will be coordinated with the weir and stream restoration tasks listed above.

ABOUT THE CITY OF FRIDLEY'S SPRINGBROOK NATURE CENTER: Springbrook Nature Center is an important regional nature center serving a broad geographic area, well beyond the city of Fridley. In the past year Springbrook has conducted 742 environmental education activities at Springbrook Nature Center. There were a total of 23,199 participants in those programs. The schools we conducted programs for came from 38 communities in the greater metropolitan area. We also had over 16,000 hours of volunteer time donated by area residents to manage the programs and facilities at Springbrook in the past year. We have an estimated 200,000 visits each year to Springbrook's trails and interpretive center. The sign in book in the interpretive center's entrance shows signatures from over 350 Minnesota communities, all 50 states and over 60 foreign countries. Springbrook also has a foundation which is instrumental in helping the nature center achieve its mission of reaching out to community.

Please provide the answers to the following questions. Boxes will expand as typed into.

1. For lands acquired in fee title that will be turned over to a public agency for long-term management:

- a. Provide a description of the work necessary to bring the land up to agency standards and an estimate of the associated cost.

N/A - land is owned by the City of Fridley

- b. What short- and long-term work is required to manage the land you acquire?

N/A - land is owned by the City of Fridley

2. For enhancement/ restoration projects on public lands:

- a. Who is/will be the long-term manager for the project site?

The City of Fridley and staff at Springbrook Nature Center

- b. What short- and long-term maintenance work is required to sustain the habitat work you will do?

Grow-in maintenance for the proposed project is expected to be part of work the hired restoration contractor will be responsible for. Long-term management may include prescribed burning, selective cut/treat and/or mowing of problem species.

- c. Who will complete this maintenance work, and how will it be funded?

Ongoing vegetation management will be conducted by Springbrook/City staff in cooperation with the extensive and experienced groups of volunteers. Implementation of the CNRMP proposed for this project will occur in conjunction with Springbrook/City staff and other partners. Because of the long history of involvement and management efforts at Springbrook, we are confident that the needed efforts for long-term management will be possible.

- d. Will the CPL funds supplant any existing funds?

No

As required by 2009 MN Session Law, Chapter 172 subd. 10 (8), "any agency or entity receiving an appropriation must, for any project funded in whole or in part with funds from the appropriation, give consideration to and **make timely written contact with the Minnesota Conservation Corps** for consideration of possible use of their services to contract for restoration and enhancement services". Contact MCC at cplg@conservationcorps.org, or email a copy of this form to the same address. For more information on costs, crew capabilities, etc., visit MCC's website at <http://www.conservationcorps.org/useacrew.html>.

Signature:

I certify that I have read the Conservation Partners Legacy Grants Program **Request for Proposal, Program Manual** and other program documents, and have discussed this project with the appropriate public land manager, or private landowner and easement holder. I am authorized to apply for and manage these grant and match funds, and the project work by the organization or agency listed below. I have made timely written notification to MCC regarding my restoration or enhancement project.

Signature: Siah St. Clair	Organization/ Agency: City of Fridley - Springbrook Nature Center
Title: Director	Date: 11.2.09

Please save this document to your computer or electronic storage device and attach this document as specified on the online submittal form when ready to apply. Contact [CPL Grant Staff](#) with any questions.

Conservation Partners Legacy Grant Project Budget and Match Worksheet, Application Requirement

Project name:

Springbrook Wetland &

Stream Restoration

Organization:

Springbrook Nature Center,

City of Fridley

Organization contact person (Project Manager):

Siah St. Clair, Director;

Please complete all sections and be as detailed as possible for all descriptions under the Details sections. Limit entries in large tables to numbers only, **round to the nearest dollar**. Do not edit table categories, only enter values or text into the table. The tables will adjust to accommodate additional text in each box. If all categories are not needed, please leave those fields blank.

BUDGET: amounts being requested **Note: FY refers to State Fiscal Year: July 1- June 30, with the year reflecting the year that June falls in. For example: if today were September 3rd, 2009 it would be FY2010; December 3rd 2010= FY2011; May 2012= FY2012

Budget Item	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Total
Personnel				
Contracts	\$20,000.00	\$93,000.00	\$9,000.00	\$122,000.00
Grant Administration				
Administration/ Environmental Compliance				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies				
Travel				
Additional Budget items				
Total	\$20,000.00	\$93,000.00	\$9,000.00	\$122,000.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount
NA		

Contract Details:

Contractor Name	Contracted Work	Amount
Bonestroo, Inc.	Wetland & restoration design, construction documents and observation; Development of Comprehensive Natural Resource Management Plan	\$30,000.00
TBD	Contractor(s) hired competitively to perform restorations	\$92,000.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount
provided in-kind	provided in-kind	

Administration/ Environmental Compliance

Activity	Description	Amount
N/A	included in contracts for restoration design	

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

N/A

Equipment/Tools/Supplies Details:

Item	Use	Amount
Not Applicable		

Travel Details:

Miles	Purpose	Amount
Not Applicable		

Additional Budget Items Details:

CNRMP development cost is proposed to be \$6,000. Of the total budget for requested funds, \$24,000 is anticipated to be used for site surveying, civil engineer and wetland/stream restoration design, development of construction documents, construction staking, construction observation, and to ensure native vegetation meets acceptable establishment criteria.

MATCH: Required 10% of total project funds, to be fulfilled by end of Fiscal Year 2012. Use provided rate sheet to determine unit rate and total value of in-kind services to be used as matching funds if applicable.

Source	Description	Units	Unit Rate	Total Value
City/ Six Cities WMO	Cash for design and construction work to repair wetland weirs	N/A	N/A	\$75,000.00

Matching description/ comments: if needed

Match includes hiring engineering firm (anticipated to be WSB) to complete weir restoration design and prepare construction documents. On-the-ground construction work is anticipated to be competitively bid. \$75,000 cash match is 38% of total proposed budget.



FRIDLEY MUNICIPAL CENTER • 6431 UNIVERSITY AVE. N.E. FRIDLEY, MN 55432
(763) 571-3450 • FAX (763) 571-1287 • TTD/TTY (763) 572-3534

November 3, 2009

PW09-049

Conservation Partners Legacy Grant
MN DNR
500 Lafayette Road
Box #20
St. Paul, MN 55155

**RE: *City of Fridley / Springbrook Nature Center
Lessard-Sams Conservation Partners Legacy Grant Application***

Dear DNR Grant Reviewer:

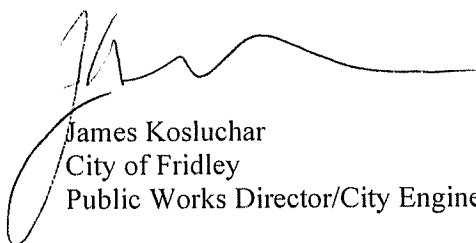
Thank you for the opportunity to submit an application for the Lessard-Sams Conservation Partners Legacy Grant. The City of Fridley and Springbrook Nature Center staffs are excited about the possibility of conducting wetland and stream hydrology restoration work at Springbrook Nature Center.


The grant application being submitted has several components, including weir repair, stream restoration, wetland restoration, and development of a comprehensive wetland management plan. To complement the proposed work, the City of Fridley in partnership with the Six Cities Watershed Management Organization has dedicated \$75,000 toward replacement/repair of three weirs at the nature center. This weir repair work will be a critical component of the larger proposed project. Completing these projects together will help ensure the greatest overall benefit to resources at the center and to the Mississippi River, just one half mile to the east.

The \$75,000 match dedicated by the City of Fridley and Six Cities WMO represent a 40% cost share match for the proposed work.

Thank you for your consideration of this funding request. Should you have questions or need additional information regarding the matching funds, please feel free to contact me at (763) 572-3550.

Best Regards,


James Kosluchar
City of Fridley
Public Works Director/City Engineer


Donna Bahls
Fridley Representative
Six Cities Water Management Organization

cc: William Burns, City Manager

JPK/jpk