

CPL Applications
(Total to date: 129)

Conservation Partners Legacy Grant Application

CPL1000098

Spreadsheet

Name and Contact

Project Identifier:	CPL1000098	Street Address 1: 234 - 2nd Street North
Project Name:	Crow River Bank Stabilization	Street Address 2:
Organization Name:	City of Delano	City: Delano
Organization Website:	www.delano.mn.us	State: MN
Organization Contact Person:	Luke Fischer	Zip Code: 55328
Contact Email:	lfischer@delano.mn.us	
Contact Phone:	763-972-4423	

Location

Primary County:	Wright
Nearest City:	Delano
Township:	Franklin
Project Site Name:	South Fork Crow River
Project Site Land Ownership:	Local
Other Land Ownership:	

Project Information

Primary Activity:	Restoration
Primary Habitat Type:	Fish, Game or Wildlife Habitat
Total Project Acres:	1
Total Project Sites:	1
Total Grant Amount Requested:	\$113050
Total Match Amount:	\$36496
Total Project Cost:	\$149546
Project Completion Date:	06/2013 (MM/YYYY)

Project Summary and Outcomes: The project will add habitat, treat runoff, stabilize eroding banks and improve the appearance of City of Delano-owned land along the South Fork of the Crow River by planting a native buffer from the water line to the upland zone. The bank will be stabilized with plants selected for shear strength, habitat capability and appearance. In the upland area 20,250 deep-rooted plants will filter runoff, add habitat and improve aesthetics. The South Fork is impaired for turbidity, fish and bacteria. Restoring banks will improve water clarity by reducing soil loss, and provide near shore habitat for fish and macroinvertebrates. The buffer will filter and remove sediment and bacteria from runoff.

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:

Organization:

Organization contact person (Project Manager):

Project information

Project site:

Project site land manager Legal :

or easement holder:

Private land owner County:

(if applicable):

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:

Project site land manager Legal :

or easement holder:

Private land owner County:

(if applicable):

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:

Project site land manager Legal :

or easement holder:

Private land owner County:

(if applicable):

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
Jan-Feb, 2010	Harvest live stakes from local sites	June, 2013	Plant maintenance
Feb-May, 2010	Install live stakes in flood plain		
May-July, 2010	Install upland native plants		
June, 2011	Plant maintenance		
June, 2012	Plant maintenance		

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

The goal of the project is to improve habitat, treat stormwater runoff, stabilize eroding banks and improve the visual appearance of City of Delano-owned land along the South Fork of the Crow River in Delano, Minnesota. This will be accomplished by establishing a native plant buffer from the water line to the upland zone. The riverbank will be stabilized by planting a mix of 14,580 cuttings and bare root sandbar willow, red-osier and silky dogwoods, red-berried elder, high bush cranberry and meadowsweet in the zone between the normal water level and 10-year water surface elevation. These plants have been selected for their shear strength resistive capability, habitat capability and appearance. In the upland area 20,250 native plants consisting of giant hyssop, prairie wild onion, smoot aster, boneset, prairie alumroot, yellow coneflower, black eyed susan, ohio spiderwort, goldern alexanders and little bluestem will be planted to provide deep rooted vegetation, runoff filtration, bird and butterfly habitat and an improved appearance.

The South Fork of the Crow River is impaired for turbidity, chloride, fish and fecal coliform bacteria. Restoring the channel banks will improve water clarity by reducing soil loss, and provide near shore habitat for fish, macorinvertebrates, and other organisms. The native plant buffer will filter and remove sediment and bacteria conveyed by overland runoff.

This project also includes an outreach and education component. Select areas will be set aside for volunteers to prepare and plant the buffer, however, steep banks in many parts of the project area precludes the participation by volunteers on other areas of the project. Interpretive signage will educate trail users and passersby about the value and role of native plants in a natural ecosystem and the types of wildlife likely to be observed in the buffer area.

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.

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

2. For enhancement/ restoration projects on public lands:

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

The City of Delano

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

The project includes a three-year maintenance contract for routine maintenance during the critical establishment period. The contractor will be required to perform weeding, mowing, and replacement of failed vegetative material. At the end of the three year period, if necessary, a controlled burn may be performed. Following that initial period, the City will take over maintenance, which will include but not be limited to periodic weeding and mowing; thinning and trimming the woody plants; and replacing failed vegetation or losses due to storm or high water events. The City will water the vegetation as necessary during both the establishment period and the long-term maintenance period.

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

The first three years will be performed by the installation contractor as part of this grant, with subsequent years performed by City staff through the City's park maintenance budget.

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

No, the City does not currently have funds to undertake this restoration.

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: Ed Matthiesen	Organization/ Agency: Wenck Associates, Inc.
Title: City Engineer	Date: 11/3/09

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.

CPL Project Application Review and Approval Form

REVIEWER INFORMATION

Land manager/ easement holder name:	City of Delano		
Title:	City of Delano	Date of meeting:	10/29/09
Phone:	763-972-0550	Proposal ID #:	
Email:		(assigned by agency, optional)	

PROJECT INFORMATION:

Project Name:	Crow River Bank Restoration	Organization:	City of Delano
Contact Person:	Luke Fischer		
Email:	lfischer@delano.mn.us	Daytime Phone:	763-972-4423

Please check the appropriate boxes:

- I have read the application and discussed this proposed project with the above listed Organization Contact Person.
- For work on easements, the private landowner has been contacted and has given support and approval for this project.

I have performed a Natural Heritage Database review and found:

- this project to have no features within one mile.
- this project to have features within one mile, but project is not likely to adversely affect those features. I have recommended the following minimization strategy:

A Natural Heritage review performed as part of the EAW for the Delano sanitary interceptor project near this project found 5 known occurrences of rare species or significant natural features within the vicinity, but none within an approximate one-mile radius of the project site. The DNR commented to the City that several special concern [REDACTED] are known to inhabit the South Fork of the Crow River. [REDACTED] especially sensitive to increased siltation, so if any are present in the immediate vicinity this project would actually be beneficial by reducing mass wasting of riverbanks and filtering direct runoff into the river. River banks will be composted upon planting, and silt fence will be installed if necessary to prevent any temporary sedimentation into the river.

- this project is likely to adversely affect Natural Heritage features. I feel that this project is important and should be forwarded to DNR Ecological Resources staff for further review.

- I do not have access to the Natural Features database and will forward this completed form to DNR within 3 business days to [CPL Staff](mailto:CPLStaff@LSCPLGrants.DNR@dnr.state.mn.us) at LSCPLGrants.DNR@dnr.state.mn.us for review.

I have discussed what role my office will be expected to have in this project and find that the project, as described will require:

- minimal or no involvement from my office for completion.
- a commitment of involvement by staff that is reasonable and can be accomplished with current staffing levels and workload.
- an amount of staff involvement that cannot be committed during the project time period with current staffing levels. Unless additional staffing can be committed from other offices, Divisions or appropriate partners, I feel this project cannot be completed within the project timeline to our desired standards.

CPL Project Application Review and Approval Form

I have discussed permits and applications that the applicant may be responsible for using the Working on DNR Lands and Working on Public Lands, or Working on Private Lands documents.

Upon final review of this project:

I find this project to be consistent with sound conservation science. This work will benefit area fish, game and wildlife by restoring, enhancing or protecting forests, wetlands, prairies and habitat and is consistent with the management or stewardship plan for this land. (APPROVAL)

I find that this project does not follow the management or stewardship plan for this land and does not fit within the long range goals for this land at this time on the local level. (DECLINE)

I find that this project should be sent up to a higher level within the agency for further review and decision. I have forwarded the Project Planning Form and this Review and Approval Form for further review to:

Name:		Phone:	
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By checking this box and typing my name below I certify that I have met with the above applicant and discussed the proposed project and have provided feedback to the applicant.

Name:	Ed Matthiesen, P.E.
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Comments:

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Additional review (if necessary):

Name:		Phone:	
Title:		Email:	
Comments(including approval or denial, reasoning):			

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

Project name:	Crow River Bank Restoration
Organization:	City of Delano
Organization contact person (Project Manager):	Luke Fischer, Assistant to the City Administrator

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	\$10,472.00	\$280.00	\$280.00	\$11,032.00
Contracts	\$65,918.00	\$7,800.00	\$7,800.00	\$81,518.00
Grant Administration				
Administration/ Environmental Compliance				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies	\$20,500.00			\$20,500.00
Travel				
Additional Budget items				
Total	\$96,890.00	\$8,200.00	\$8,200.00	\$113,050.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount

Wenck Associates: Vince VanderTop, P.E.; Ed Matthiesen, P.E.	City Engineer	\$11,032.00

Contract Details:

Contractor Name	Contracted Work	Amount
Unknown (to be bid)	Furnish and install plant materials, provide 3 years' maintenance	\$81,518.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount

Administration/ Environmental Compliance

Activity	Description	Amount

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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Equipment/Tools/Supplies Details:

Item	Use	Amount
Hand tools, rhizome treatment	Volunteer use while installing plants on volunteer portions of the project	\$500.00
Interpretive sign	4 signs explaining purpose of buffer, types of plants, types of wildlife to expect	\$20,000.00

Travel Details:

Miles	Purpose	Amount

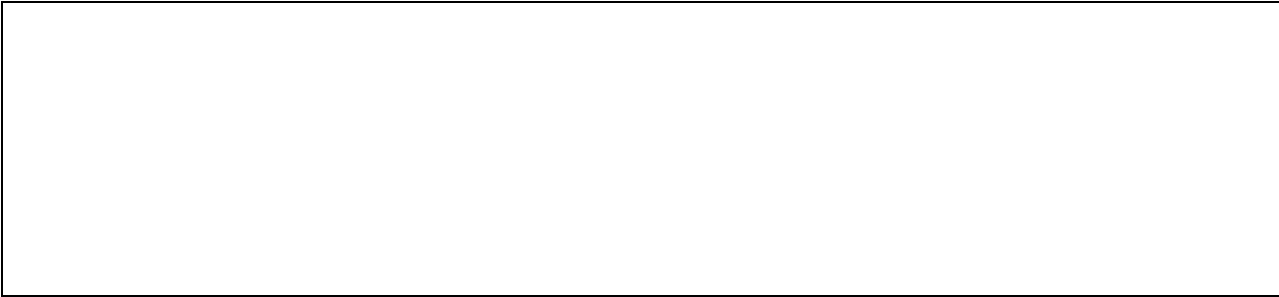
Additional Budget Items Details:

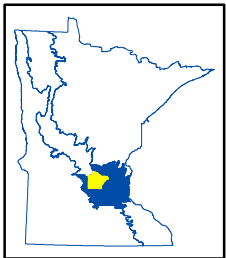
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MATCH: Required 10% of total project funds, to be fulfilled by end of Fiscal Year 2012. Use provided rate sheet to determine unit rate and total value of in-kind services to be used as matching funds if applicable.

Source	Description	Units	Unit Rate	Total Value
City of Delano	Assistant to City Administrator will provide contract management, coordinate volunteers, mobilize public works for site prep and watering, coordinate contracted maintenance, units are hours	154.4	15	\$2,316.00
City of Delano	Compost from city site, units are cy	225	20	\$4,500.00
City of Delano	Fill city water truck and provide up to 1" water per week for 20 weeks 1 st yr, 1/2 frequency in yrs 2 & 3, units are hours	480	51	\$24,480.00
Volunteers	Assist with prep/ planting/ mulching in a few visible locations, assume 50 volunteers for 8 hours, units are hours	400	13	\$5,200.00

Matching description/ comments: if needed





CPL100-098
Crow River Bank Stabilization

Wright County, LSOHC Metropolitan Urbanizing Area Planning Section

