

CPL Applications

(Total to date: 129)

Conservation Partners Legacy Grant Application

CPL1000033

Spreadsheet

Name and Contact

Project Identifier:	CPL1000033	Street Address 1:	322 Laurel St. - Suite 12
Project Name:	CWC Pine Seedling Protection Projects	Street Address 2:	
Organization Name:	Crow Wing County-Nat. Res. Mgmt. Div.	City:	Brainerd
Organization Website:	www.co.crow-wing.mn.us	State:	MN
Organization Contact Person:	Bryan Pike	Zip Code:	56401
Contact Email:	bryan.pike@co.crow-wing.mn.us		
Contact Phone:	218-824-1115		

Location

Primary County: Crow Wing
Nearest City: Brainerd
Township: Mutliple Townships
Project Site Name: 12 Sites throughout county
Project Site Land Ownership: County
Other Land Ownership:

Project Information

Primary Activity: Restoration
Primary Habitat Type: Forest
Total Project Acres: 148
Total Project Sites: 12
Total Grant Amount Requested: \$26196
Total Match Amount: \$2918
Total Project Cost: \$29114
Project Completion Date: 10/2011 (MM/YYYY)

Project Summary and Outcomes: Due to heavy deer browse on pine seedlings in the recent past, deer browse protection measures are needed to ensure success in out pine planting sites. Three white pine sites require brushing and hand pruning. These protection efforts will allow us to achieve a more balanced forest landscape and increase the pine component on the landscape.

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:

CWC Pine Seedling Protection Projects

Organization:

Crow Wing County Nat. Res. Div.

Organization contact person (Project Manager):

Bryan Pike

Project information

Project site:

12 sites-see attached sheets

Project site land manager or easement holder:

Legal :	T	R	S	Q
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Private land owner (if applicable):

Bryan Pike

County:

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

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity:

148

 Acres Miles Feet Structures Wetlands

Project Site #2, if needed.

Project site:

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Project site land manager or easement holder:

Legal :	T	R	S	Q
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Private land owner (if applicable):

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County:

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

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity:

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 Acres Miles Feet Structures Wetlands

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

Project site:

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Project site land manager or easement holder:

Legal :	T	R	S	Q
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Private land owner (if applicable):

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County:

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

Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat

Activity quantity:

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 Acres Miles Feet Structures Wetlands

Project timeline:

Time frame	Goal	Time frame	Goal
June 2010	Mechanical Brushing/Release of White Pine sites (Site 1, 17, 20)		
June 2010	Hand Pruning of White Pine Sites (Sites 1,17,20) to reduce blister rust		
Fall 2010	Deer browse protection efforts (All Sites)		
Fall 2011	Deer browse protection efforts (Sites 1,3,4,11,13,16,17,20))		

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

The Crow Wing County Natural Resource Management Division (formerly the Land Dept.) has been spending a fair amount of financial resources over the last several years on deer browse protection measures on our pine planting sites. Our office has generally performed "bud capping" as the sole measure of protection and have just recently taken additional measures of applying Plantskydd and installing mesh tubes around pine seedlings to achieve better protection results. In 2008, our office spent \$ 9800 on protection efforts (mostly contract labor). In 2009, our office anticipates spending \$13,000 dollars (contract labor and supplies)

Bud capping pine trees using paper is the most cost effective way to reduce damage and our office has been capping vulnerable pine plantings since 1991. Many capping efforts over a 2-4 year period have been successful, others have not. Plantskydd has been applied in addition to bud caps and even mesh tubes have been applied which give the best protection, but at a high cost. These additional efforts are taking significant money away from other natural resource projects. The poor economy and tight budgets makes it more challenging to continue that level of protection.

We still struggle in several areas with the damaging effects heavy deer browse has on our plantings. Many instances the damage is so severe replanting is required adding costly expenses to our reforestation efforts. Often, less desirable conifers are planted on the site(s) or we allow the stand to naturally regenerate to hardwoods, thereby losing the pine component we would like to achieve throughout the landscape on the lands we manage.

In addition to deer browse protection, white pine sites 1, 17 and 20 require additional protection efforts. These three sites require mechanical, hand brushng of competing vegetation and hand pruning of the lower branches to reduce the incidence of blister rust on the white pine saplings.

With a dedicated funding source Crow Wing County can continue with an aggressive approach to protect pine seedlings from the damaging effects and thereby allowing Crow Wing County to achieve a more balanced approach to the establishment of the pine component on the landscape. This funding source will also allow our office to pursue other forest management projects that compete with limited funds.

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

- 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?

Bryan Pike

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

Short-term monitoring of sites will be required. Monitoring will include effectiveness of efforts and if efforts are needed beyond short-term needs.

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

Contract labor, following specific contract specifications. Contract funded by grant dollars.

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

The funds will ensure the protection efforts are pursued for these management efforts. Crow Wing County cannot maintain the current level of protection without an additional funding source.

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: Bryan Pike	Organization/ Agency: Crow Wing County Nat. Res. Div.
Title: Natural Resource Manager	Date: October 30, 2009

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:	CWC Pine Seedling Protection Projects	
Organization:	Crow Wing County Natural Resource Division	
Organization contact person (Project Manager):	Bryan Pike	

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	\$1,800.00	\$11,440.00	\$7,120.00	\$20,360.00
Grant Administration	\$170.00	\$300.00	\$200.00	\$670.00
Administration/ Environmental Compliance	\$640.00	\$1,150.00	\$770.00	\$2,560.00
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies		\$3,100.00	\$2,066.00	\$5,166.00
Travel	\$90.00	\$160.00	\$108.00	\$358.00
Additional Budget items				
Total	\$2,700.00	\$16,150.00	\$10,264.00	\$29,114.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount
Bryan Pike, Jacob Frie	Natural Resource Managers	

Contract Details:

Contractor Name	Contracted Work	Amount
To be determined	Application of Bud Caps (\$60.00/M)	\$10,200.00
To be determined	Application of Plantskydd (\$38.00/acre)	\$8,360.00
To be determined	Mechanical Brushing and Hand Pruning	\$1,800.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount
Grant Adm.	Staff costs for administration of grant.	\$670.00

Administration/ Environmental Compliance

Activity	Description	Amount
Dev/ Adm of Contracts	Development and site administration of contracts.	\$2,560.00

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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Equipment/Tools/Supplies Details:

Item	Use	Amount
Paper Bud Caps	3.5 "x 5" paper stapled over terminal seedling bud.	\$476.00
Staples	Standard staples used to staple the paper to seedling.	\$20.00
Plantskydd	Product applied to capped trees for better protection.	\$3,520.00
Mesh Tubes	3" dia. mesh tubes slid over seedlings for best protection.	\$1,150.00

Travel Details:

Miles	Purpose	Amount
650	Traveling to sites with contractor and supplies. Adm. of contracts.	\$358.00

Additional Budget Items Details:

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
In-Kind	Mileage costs	650 miles	\$0.55/mi	\$358.00
In Kind	Development and site admin. of contracts.	80 hrs wages fringe	\$32/hr	\$2,560.00
	Total			\$2,918.00

Matching description/ comments: if needed

In-kind matching dollars total \$2918 of the total (\$29,114) or 10.02%.