

CPL Applications
(Total to date: 129)

Conservation Partners Legacy Grant Application

CPL1000022

Spreadsheet

Name and Contact

Project Identifier:	CPL1000022	Street Address 1:	901 First St NE
Project Name:	Burr Oak Lake Grassland Enhancement Project	Street Address 2:	
Organization Name:	Minnesota Waterfowl Association	City:	Hopkins
Organization Website:	www.mnwaterfowl.com	State:	MN
Organization Contact Person:	Adam Benker/Brad Nylin	Zip Code:	55343
Contact Email:	adam.benker@mnwaterfowl.com		
Contact Phone:	952-767-0320		

Location

Primary County: Kandiyohi
 Nearest City:
 Township:
 Project Site Name: Burr Oak Lake WPA
 Project Site Land Ownership: Federal
 Other Land Ownership:

Project Information

Primary Activity: Enhancement
 Primary Habitat Type: Prairie
 Total Project Acres: 132
 Total Project Sites: 2
 Total Grant Amount Requested: \$35129
 Total Match Amount: \$17746
 Total Project Cost: \$52875
 Project Completion Date: 11/2011 (MM/YYYY)

Project Summary and Outcomes: This project is a grassland conversion from a poor stand of brome to a diverse native grass and forb planting on 70 acres of the Burr Oak Lake Waterfowl Production Area. In addition, to prevent the reinfestation of the planting with trees, the Minnesota Conservation Corps would be hired to remove non-native seed producing trees from approximately 62 acres. The native hardwood species such as burr oak, basswood, and ironwood will not be removed. This acreage is adjacent to the upland that will be planted to native grass and forbs. The USFWS Approved this project.

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 or easement holder: Legal :

T120N	R34W	S33	QNW,NE
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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 #2, if needed.

Project site:

Project site land manager or easement holder: Legal :

T120N	R34W	S33	QNW,NE
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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:

Project site land manager or easement holder: Legal :

T	R	S	Q
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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 2010	custom farm, till, spray, plant soybeans	Summer/fall 2011	monitor weeds and mow as necessary
Spring, summer, fall 2010	cut and treat stumps of invasive tree species on the edge of planting		
Fall 2010	harvest, till		
Spring 2011	till, spray roundup pre-seeding		
late spring 2011	drill seed into field and post spray seeding withing 7 days w/glysophate		

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

This project is a grassland conversion from a poor stand of brome to a diverse native grass and forb planting on 70 acres of the Burr Oak Lake Waterfowl Production Area. This 330 acre WPA is part of the National Wildlife Refuge System and is managed by the U.S. Fish and Wildlife Service (USFWS), Litchfield Wetland Management District. The Burr Oak WPA has a diverse complex of habitats including native prairie, wetlands, oak woodlands and formerly farmed land. There is also the 120 acre state Kandi WMA adjacent to the unit as well as several FWS wetland easements on private land. On the 70 acre project site, the USFWS began prairie enhancement/restoration efforts with the removal of invasive tree species: box elder, siberian elm, buckthorn and red cedar. After removing the trees invading the upland, the Service identified the need to improve the nesting cover for waterfowl and other migratory grassland nesting species. The improvement to the upland habitat will also benefit nonmigratory bird and mammal species. Burr Oak Lake, on the west side of the WPA, provides open water for brood rearing waterfowl. The WPA and the WMA provide a complex of wetlands and upland that will benefit numerous species and these areas are open to public use.

The seeding will be a diverse mix of native, local ecotype grasses and forbs. Approximately 70 acres will be custom farmed in 2010 by a private cooperator. The cooperator will till, spray and seed soybeans in 2010. Spring 2011 the acreage will be seeded down by the USFWS. The Service will use a Truax native grass drill to complete the planting. The grass seed and forbs will be of local ecotype purchased from vendors who specialize in native grassland plantings. The USFW will also provide an additional 18 species of local ecotype forbs; harvested by Boy Scouts and Service personnel from several native prairie areas on WPAs in Kandiyohi, Stearns and Meeker Counties. A minimum of 42 species of native grasses and forbs will be planted. In addition, grass species once common on prairies, such as porcupine grass (\$1000/lb) and prairie dropseed (\$310/lb), and other site specific forbs will be purchased to further diversify the planting if the project is fully funded. We realize that this is an expensive seeding. The natives prairies in Kandiyohi County have a high component of species such as porcupine grass, prairie dropseed, fringed gentian, etc. which are not typically seeded because they are expensive and difficult to purchase. If we are expected to mimic natural conditions and associated diversity of vegetation to provide habitat for native prairie dependant fauna such as invertibrates and neotropical grassland dependant migratory birds, it is imparative to restore the plant diversity indemic to the region. Once established, the diverse seeding will be managed by the USFWS with prescribed fire and other management activities as needed.

In addition, to prevent the reinfestation of the planting with trees, the Minnesota Conservation Corps would be hired to remove non-native seed producing trees from approximately 62 acres. The native hardwood species such as burr oak, basswood, and ironwood will not be removed. This acreage is adjacent to the upland that will be planted to native grass and forbs. The MCC would also remove trees along the welandns in the planted area. The MCC crew would cut trees and sprouts and spray the stumps to prevent regrowth.

The Long Range Plan For The Ring-necked Pheasant in Minnesota identifies a strategy of improving reproductive habitat through Department of Natural Resources (DNR) programs by maintaining and improving 50,000 acres of reproductive habitats per year on WMAs and other lands.

In the Minnesota document "Tomorrow's Habitat for the Wild and Rare: An action Plan for Minnesota Wildlife" the project area is located in the Minnesota River Prairie subsection. One hundred and sixteen Species in Greatest Conservation Need (SGCN) are known to occur in this subsection and 49 of them are directly linked to Prairie. The project is located in the Green Lake Township in Kandiyohi County and has had between 21-50 SGCN documented since 1990. Native prairie once covered 77.6% of this subsection and now less than 1% remains. The loss of native prairie is identified as the primary contributing factor affecting SGCNs. The Burr Oak WPA has 39 acres of native prairie that had invading woody vegetation removed in 2006 and was prescribed burned in 2008. This proposal will result in an additional 70 acres of non-native cool season grassland adjacent to the native prairie to be converted to a diverse mix of native forbs and grasses which will be maintained by prescribed fire. This proposal meets all five Priority Conservation Actions identified for native prairie habitats in the Minnesota River Prairie subsection.

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 long term manager is the U.S. Fish and Wildlife Service, Litchfield Wetland Management District.

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

Short term maintenance will be monitoring annual weed growth and mowing to reduce competition. The mowing in 2011, year of the planting, will be contracted with a local landowner. Long-term maintenance will include mowing and burning by the USFWS.

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

The mowing of weeds in 2011 will be contracted with a local landowner. This funding is part of the budget of this grant. Long-term maintenance of mowing and burning will be provided by the USFWS.

- 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 project.

Signature: Brad Nylin	Organization/ Agency: Minnesota Waterfowl Assoc
Title: Executive 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:	Burr Oak Lake WPA Grassland Enhancement Project	
Organization:	MWA, Prairie Pothole Chapter	
Organization contact person (Project Manager):	Brad Nylin	

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	\$5,000.00	\$2,814.00		\$7,814.00
Grant Administration	\$345.00	\$345.00		\$690.00
Administration/ Environmental Compliance				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies		\$26,625.00		\$26,625.00
Travel				
Additional Budget items				
Total	\$5,345.00	\$29,784.00		\$35,129.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount

Contract Details:

Contractor Name	Contracted Work	Amount
Minnesota Conservation Corps	cut trees and resprouts, chemically treat stumps	\$5,000.00
Greg Erickson	spray Roundup, 2 applications	\$840.00
Greg Erickson	mow weeds, 2 treatments	\$1,974.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount
Staff	Travel, Staff Visit	\$690.00

Administration/ Environmental Compliance

Activity	Description	Amount

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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Equipment/Tools/Supplies Details:

Item	Use	Amount
Roundup	field prep and spray weeds	\$1,050.00
grass and forb seed	used to seed 70 acres to native ecotype grass and forbs	\$25,575.00

Travel Details:

Miles	Purpose	Amount

Additional Budget Items Details:

Mesic grass seed mix will include a minimum of 9 local ecotype species, mesic forb mix to include a minimum of 20 local ecotype species, 18 species of forbs will be provided as in-kind match by USFWS. Additional forb and grass species once common on prairies, like porcupine grass (\$1000/lb) and prairie dropseed (\$310/lb), will also be purchased to further diversify the seeding if project is fully funded.

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
USFWS	seed grass with native grass seed drill	70 acres	\$30.00	\$2,100.00
USFWS	donate local ecotype forb seed, 18 species	321 ozs	\$27.60	\$8,860.00
Greg Erickson, private landowner	Custom farm (tillage, planting, pest control, and harvesting) soybeans	70 acres	\$89.80	\$6,286.00
MWA, Prairie Pothole Chapter	purchase local ecotype forb seed mix	2.77 plslb	\$180	\$500.00

Matching description/ comments: if needed

In-kind values for prairie plant seeds were determined as follows: In 2009, USFWS staff and a local Boy Scout Troop began collecting native plant seeds from native prairies on WPAs that had been burned in the spring of 2009. These seeds have been processed to determine the quantity of seed collected. FWS asked for bids from four native plant seed companies in Minnesota for each species collected. They used the lowest price based on the bids provided to determine the value of the seed collected. For the Burr Oak WPA, they determined that we would seed at approximately one ounce per acre for each of the 18 species that were collected. However, not enough seed was collected for some species to plant at this rate. Therefore, they determined at what rate we could seed for these species up to one ounce per acre and multiplied the ounces to be seeded by the value per ounce based on bids received. Species include: wild licorice, purple coneflower, white prairie clover, lead plant, prairie sage, prairie onion, prairie coeopsis, showy tick trefoil, prairie rose, rough blazing star,

northern bedstraw, dotted blazing star, showy goldenrod, golden Alexander, grass-leaved goldenrod, round headed bush clover, purple meadow rue, Kalm's brome.



**United States Department of the Interior
Fish and Wildlife Service**

**Wetland Management District
22274 615 Avenue
Litchfield, Minnesota 55355
(320)-693-2849**



**CONSERVATION PARTNERS LEGACY GRANT PROGRAM
PARTNER COMMITMENT LETTER**

What is the name of the project that you are contributing to, and who is the applicant?

Burr Oak Lake Grassland Enhancement Project
Minnesota Waterfowl Association, Prairie Pothole Chapter

What is the name of your organization (private landowners use "Private Landowner")?

U.S. Fish and Wildlife Service
Litchfield Wetland Management District

When will you make the contribution? 2011

What is the value of your contribution and how did you determine the value? Does the contribution have a non-state origin? The total value of the contribution is \$10,960 for seeding grasses and forbs with a native grass drill/acre of \$30/70 acres = \$2100 and \$8860 of local ecotype prairie plant seeds. The value for the seeding was determined using the Conservation Partners Legacy Grant Program: In-kind rates for matching funds.

In-kind values for prairie plant seeds were determined as follows: In 2009, our staff and a local Boy Scout Troop began collecting native plant seeds from native prairies on WPAs that had been burned in the spring of 2009. These seeds have been processed to determine the quantity of seed collected. We asked for bids from four native plant seed companies in Minnesota for each species we collected. We used the lowest price based on the bids provided to determine the value of the seed we collected. For the Burr Oak WPA, we determined that we would seed at approximately one ounce per acre for each of the 18 species that were collected. However, not enough seed was collected for some species to plant at this rate. Therefore, we determined at what rate we could seed for these species up to one ounce per acre and multiplied the ounces to be seeded by the value per ounce based on bids received.

Yes, work will be done by a federal agency.

If this is based on a fund-raising event or other future action, if that future action fails, will you still provide the contribution amount? N/A

Signature:

Printed Name, Title, and Affiliation: Scott Glup
Project Leader
USFWS, Litchfield Wetland Management District

Date Signed:

**CONSERVATION PARTNERS LEGACY GRANT PROGRAM
PARTNER COMMITMENT LETTER**

What is the name of the project that you are contributing to, and who is the applicant? Burr Oak Lake Grassland Enhancement Project
Minnesota Waterfowl Association, Prairie Pothole Chapter

What is the name of your organization (private landowners use "Private Landowner")? Private Landowner

When will you make the contribution? 2010

What is the value of your contribution and how did you determine the value? Does the contribution have a non-state origin? The value of the contribution is \$6286 for custom farming, soybeans/acre rate of \$89.80/70 acres. The value was determined using the Conservation Partners Legacy Grant Program: In-kind rates for matching funds.
Yes, private landowner.

If this is based on a fund-raising event or other future action, if that future action fails, will you still provide the contribution amount? N/A

Signature:

Printed Name, Title, and Affiliation: Greg "Butch" Erickson
Private Landowner

Date Signed: