

Conservation Partners Legacy Grant Application

CPL1000068

Spreadsheet

Name and Contact

| | | | |
|------------------------------|-----------------------------|-------------------|---------------------|
| Project Identifier: | CPL1000068 | Street Address 1: | 2013 Walnut Ave. NW |
| Project Name: | Arsenal Habitat Enhancement | Street Address 2: | |
| Organization Name: | St. Paul Audubon Society | City: | New Brighton |
| Organization Website: | www.saintpaulaudubon.org | State: | MN |
| Organization Contact Person: | Craig Andresen | Zip Code: | 55112-5365 |
| Contact Email: | candresen@comcast.net | | |
| Contact Phone: | 651-636-3462 | | |

Location

Primary County: Ramsey
Nearest City:
Township:
Project Site Name: Arden Hills Army Training Site
Project Site Land Ownership: State
Other Land Ownership:

Project Information

Primary Activity: Enhancement
Primary Habitat Type: Forest
Total Project Acres: 800
Total Project Sites: 1
Total Grant Amount Requested: \$97000
Total Match Amount: \$11000
Total Project Cost: \$108000
Project Completion Date: 06/2012 (MM/YYYY)

Project Summary and Outcomes: This project will enhance three ecological systems; a patchwork of restored prairie, oak woodlands and oak savanna Woody exotics and woody invasive natives - removed Spot applications - control new exotic seedlings Volunteers will gather and plant acorns, grasses and forbs This project will enhance 800 acres of the 1500 acre facility Improved biodiversity will provide a better ground cover to minimize erosion The project areas are part of natural habitat complexes with connections to the Rice Creek Corridor

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:
 Private land owner
 (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
 or easement holder:
 Private land owner
 (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
 or easement holder:
 Private land owner
 (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 |
|-------------|----------------------------------|------------|------|
| Spring 2010 | Prescribe burn 200 acres | | |
| Spring 2011 | Prescribe burn 200 acres | | |
| Spring 2012 | Prescribe burn 200 acres | | |
| Summer 2010 | Woody species removal 100 acres | | |
| Fall 2010 | Herbicide treatment of 100 acres | | |
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Project description and benefits (box will expand as typed into, not to be longer than 2 pages):

This project will enhance three ecological systems; a patchwork of restored prairie, oak woodlands and oak savanna. Eight hundred acres will be enhanced by removing all woody exotics and woody invasive native trees that aren't fire tolerant. All cut stumps will be treated with Garlon 3A to prevent re-sprouts by licensed applicators. The cut materials will be loosely piled to allow access lanes for users and prescribed fire crews or if feasible, the materials will be removed from the sites for bio fuels. The WMA's will then be treated with a prescribed fire to mimic the historic disturbances of wildfires. The reintroduction of fire will encourage the native herbaceous plants and will help with controlling exotic woody species. Spot applications of herbicide will also be used to control exotics as they occur. Volunteers will gather and plant acorns, grasses and forbs in the fall of 2010 and 2011.

Eight hundred acres of the 1,500acre site will be enhanced with this project.

Future management will require periodic prescribed burns to maintain the health of these areas.

It is within the scope of this grant to control undesirable woody species, seed bur and white oaks, grasses, sedges, and forbs, control exotics with prescribed burns and spot herbicide treatments and see the natural vegetation re-establish itself. A balanced diversity of plants will benefit game and nongame species. Low biodiversity will give way to many plant species, which will offer better cover and multiple food offerings for wildlife.

The proposed seed list for the two sites includes:

- | | |
|--|---|
| Little blue stem, <i>Schizachyrium scoparium</i> | Big Blue stem, <i>andropogon gerardii</i> |
| Porcupine grass, <i>Stipa spartea</i> * | Indian Grass, <i>Sorghastrum nutans</i> |
| Canadian Wild Rye, <i>Elymus Canadensis</i> * | Blue joint, <i>Calamagrostis</i> |
| Lead Plant, <i>Amorpha canescens</i> | Prairie bush clover, <i>lespedeza capitata</i> |
| Stiff goldenrod, <i>Solidago rigida</i> | Showy goldenrod, <i>Solidago speciosa</i> |
| Grassy goldenrod, <i>Solidago graminifolia</i> | Gray goldenrod, <i>Solidago nemoralis</i> |
| Canadian tick trefoil, <i>Desmodium canadense</i> | Bergamont, <i>Monarda fistulosa</i> |
| Blazing star, <i>Liatris aspera</i> | Dotted blazing star, <i>Liatris punctata</i> * |
| Bottle Gentian, <i>Gentiana andrewsii</i> | Mountain mint, <i>Pycnanthemum virginianum</i> |
| Bush clover, <i>Lespedeza capitata</i> | Tall cinquefoil, <i>Potentilla arguta</i> * |
| Hoary vervain, <i>Verbena, stricta</i> | Purple prairie clover, <i>Dalea purpurea</i> |
| Common milkweed, <i>Asclepias syriaca</i> | Whorled milkweed, <i>Asclepias verticillata</i> |
| Schweinitzii flat sedge, <i>Cyperus schweinitzii</i> * | Sedge, <i>Cyperus lupulinus</i> * |

*Primarily Lamprey Pass – dry sandy soils

The seed will be collected by volunteers from local remnants in Anoka, Washington and Ramsey Counties. Additional

species will be added as the volunteers and stewards find additional desirable plants in seed.

An improved biodiversity will provide a better ground cover to minimize erosion, where bare soils now exist under woody exotics; herbaceous plants will thrive under an open oak dominated canopy.

This project is consistent with local government practices of managing to minimize oak wilt and exotic and invasive species.

This project will benefit both wildlife species as well as plant species. It is intended to increase native plant diversity, encourage rare and endangered species.

Natural Resources Restoration, Inc. (NRR) will be the contractor for this enhancement project. A Sentence to Service crew from Lino Lakes State Prison under the "Institution Community Work Crew" (ICWC) program will be on a subcontract by NRR. This collaboration has worked very well for over ten years and numerous Heritage Enhancement Grants, LCMR grants, and the old Conservation Partner Grants of the 1990's. Projects with high labor input and a desired soft foot print on the land suit this partnership. The NRR crew is made up of many former ex-cons from this ICWC program. The numbers vary but anywhere from 50% to 80% of the NRR crew are from the ICWC program.

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?

MN National Guard

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

Prescribed burning

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

In the past the MN National Guard has hired contractors primarily with federal funds funneled through the MN DNR.

- 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: Craig Andresen | Organization/ Agency: St. Paul Audubon Society |
| Title: Project Managet | Date: October 29, 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:

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|-----------------------------|
| Arsenal Habitat Enhancement |
|-----------------------------|

 Organization:

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|--------------------------|
| St. Paul Audubon Society |
|--------------------------|

 Organization contact person (Project Manager):

| |
|----------------|
| Craig Andresen |
|----------------|

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 | \$34,000.00 | \$63,000.00 | \$0.00 | \$97,000.00 |
| Grant Administration | | | | |
| Administration/ Environmental Compliance | | | | |
| Fee Acquisition | | | | |
| Easement Acquisition | | | | |
| Easement Stewardship | | | | |
| Equipment/Tools/Supplies | | | | |
| Travel | | | | |
| Additional Budget items | | | | |
| Total | | | | |

DETAILS: detail the amounts listed in the above table.

Personnel Details:

| Name | Title | Amount |
|------|-------|--------|
| | | |
| | | |
| | | |
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Contract Details:

| Contractor Name | Contracted Work | Amount |
|-------------------------------------|------------------------------------|-------------|
| Natural Resources Restoration, Inc. | Cutting, moving debris, RX burning | \$97,000.00 |
| | | |
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| | | |

Grant Administration:

| Administrative Activity | Description/ Amount | Amount |
|--------------------------------|----------------------------|---------------|
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| | | |
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Administration/ Environmental Compliance

| Activity | Description | Amount |
|-----------------|--------------------|---------------|
| | | |
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Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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|--|
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Equipment/Tools/Supplies Details:

| Item | Use | Amount |
|-------------|------------|---------------|
| | | |
| | | |
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| | | |

Travel Details:

| Miles | Purpose | Amount |
|--------------|----------------|---------------|
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Additional Budget Items Details:

Natural Resources Restoration, Inc. (NRR) will be the contractor on site. STS crews from the MN Dept. of Corrections will be used under a subcontract with NRR. The STS crews will cut up woody debris and stage it for removal or disposal.

Partial payments are requested by the contractor during the course of the grant. Perhaps this could be after the spring burn season and/or an option when the billing exceeds \$20,000.

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 |
|------------|---------------------------------|-------|-----------|-------------|
| Contractor | Natural Res. Rest. - RX burning | 245 A | \$45.00 | \$11,000.00 |
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Matching description/ comments: if needed

Natural Resources Restoration, Inc. has done prescribed burns for the MN DNR under contract for many years. The company meets all required training, equipment, and insurance stipulations.

October 21, 2009

Office of the Post Commander

Mr. Craig Andresen
C/O Audubon Minnesota & St. Paul Audubon Society
PO Box 72755
St. Paul, MN 55107

Dear Craig Andresen:

I would like to take this opportunity to convey my permission on behalf of the Minnesota National Guard for your organization to pursue a grant for resource management on the Arden Hills Army Training Site (AHATS / Important Bird Area) focusing on invasives and non native vegetation. Specific details with identified areas will be required for tracking and compliance with our Integrated Natural Resource Management Plan (INRMP). At this time large woody vegetation (tree removal) will not be targeted.

Please accept my sincere appreciation on behalf of Camp Ripley and the Minnesota Army National Guard for your efforts and cooperative goals in restoring this area to ensure compatibility between AHAT's military mission and the natural resource management program. If you have further questions or would like additional information please contact Mr. Dave Hamernick on site at (651) 634-5229 or undersigned at (320) 616-2700.

Sincerely,

Richard A. Weaver
Colonel, Minnesota Army
National Guard
Post Commander

Copy Furnished:
Mr Brian Dirks, MN DNR
Mr. Marty Skoglund, Camp Ripley Environmental Supervisor