

CPL Applications
(Total to date: 129)

Conservation Partners Legacy Grant Application

CPL1000048

Spreadsheet

Name and Contact

Project Identifier:	CPL1000048	Street Address 1:	2665 Noel Drive
Project Name:	Casey Lake Restoration	Street Address 2:	
Organization Name:	Ramsey-Washington Metro Watershed District	City:	Little Canada
Organization Website:	www.rwmwd.org	State:	MN
Organization Contact Person:	Bill Bartodziej	Zip Code:	55117
Contact Email:	bill@rwmwd.org		
Contact Phone:	651 792-7962		

Location

Primary County:	Ramsey
Nearest City:	North St. Paul
Township:	
Project Site Name:	Casey Lake Park
Project Site Land Ownership:	Local
Other Land Ownership:	

Project Information

Primary Activity:	Restoration
Primary Habitat Type:	Wetland
Total Project Acres:	12
Total Project Sites:	1
Total Grant Amount Requested:	\$32500
Total Match Amount:	\$3878
Total Project Cost:	\$36378
Project Completion Date:	10/2011 (MM/YYYY)

Project Outcomes: Casey Lake, an 11.6 acre wetland in a North St. Paul park which suffers from poor water quality. Casey has no submersed plants and an unbalanced fishery. This project seeks to improve water quality by conducting a basin draw-down. This will improve water quality, rehabilitate the fish community & enhance germination of aquatic plants. The drawdown would be conducted in fall & the lake would refill the following spring. Fish stocking would occur in the summer. A pier & fence around the buffer are included. This will increase access to fishing & decrease damage from foot traffic. With these measures we anticipate a healthy plant community, balanced fishery & improved water quality.

Attachments

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

[Back](#)

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:

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:

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:

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
Fall 2010	Basin draw down		
Spring 2011	Basin refills		
Summer/Fall 2011	Fish stocking		
Summer/Fall 2011	Installation of fishing pier and fence		

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

Casey Lake is an 11.6 acre wetland in a North St. Paul city park. Over the last several years, the Watershed, City, and MN DNR have been involved in partnership efforts to manage and improve this local resource.

A substantial shoreland restoration took place in 2007, converting over 600 linear feet of city park shore to natural buffer. In addition, two lake access points were constructed to allow for easy fishing access. The Watershed, City of North St. Paul, and MN DNR were partners on this project and all contributed financial and in-kind support.

This system has experienced generally poor water quality conditions over the last decade. Substantial blue-green algal blooms have occurred in the summer months. In 2007, the Watershed contracted with Blue Water Science to conduct a lake study. The main objective of this effort was to determine if there are cost-effective measures that could be employed to improve water quality. This study, "Lake Management Report for Casey Lake, Ramsey County" was finalized in 2009 and is available upon request.

As part of this study, the Watershed conducted a submersed aquatic plant survey. In 2007-09, staff were unable to detect living submersed plants in the system. Sediment core experiments were set up in a greenhouse facility to determine if viable submersed plant seed exists in the Casey Lake sediment. We found native submersed plant seed germination in all of the Casey Lake sediment cores. Anecdotal evidence from area residents confirmed that Casey Lake had a vigorous submersed plant community in the past. It is hypothesized that very low light penetration due to extremely turbid water is limiting submersed plant growth. Turbidity may be linked to an unbalanced fishery.

Two DNR fish surveys conducted in 2001 and 2007 showed that Casey Lake had substantial populations of common carp, black bullhead and black crappie. Densities were at extremely high levels that could have resulted in degraded water quality.

From the study, we learned that the most cost-effective method to improve Casey Lake is by drawing the water level down during the winter months. This will work to improve water quality, rehabilitate the fish community, and enhance germination of native aquatic plants. The drawdown would be scheduled for October and the lake would naturally refill the following spring. It is anticipated all fish would be eliminated in the system. Casey is essentially a closed system, so fish are not able to move freely from up or downstream systems. With the consolidation of bottom sediments and exposure in the spring, a drawdown typically enhances sprouting of aquatic plants. Fish stocking would occur in the summer and fall following the drawdown. A fish stocking strategy will be formulated by DNR's urban fisheries specialist.

To better manage shore fishing, a pier and split rail fence around the natural buffer are included in this restoration. This will increase access to fishing opportunities and decrease damage from foot traffic to the natural buffer. This has long been a popular local fishing spot. With these management measures, it is likely that this will become the most accessible and popular fishing location in the City of North St. Paul. We also anticipate an attractive submersed plant community and improved water quality.

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?

Bill Bartodziej, Ramsey-Washington Metro Watershed District

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

Monitoring is planned to track the effectiveness of the drawdown in assisting the re-establishment of a submersed plant community and improving water quality. Long-term maintenance of the fence and pier is required.

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

Monitoring will be conducted by the Ramsey-Washington Metro Watershed District. Maintenance of the pier and fence will be provided by the City of North St. Paul.

- 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 cpig@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: <i>Clyfford Dickinger</i>	Organization/ Agency: <i>Ramsey-Washington Metro WD</i>
Title: <i>Administrator</i>	Date: <i>10/29/09</i>

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:	The City of North St. Paul		
Title:	Assistant Public Works Superintendent	Date of meeting:	10/21/2009
Phone:	651-747-2447	Proposal ID #:	
Email:	kstachowski@ci.north-saint-paul.mn.us	(assigned by agency, optional)	

PROJECT INFORMATION:

Project Name:	Casey Lake Restoration	Organization:	Ramsey-Washington Metro
Contact Person:	Bill Bartodziej		Watershed District
Email:	bill@rwmwd.org	Daytime Phone:	651 793-7962

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:

do not disturb the area found to be in Question

- 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.**

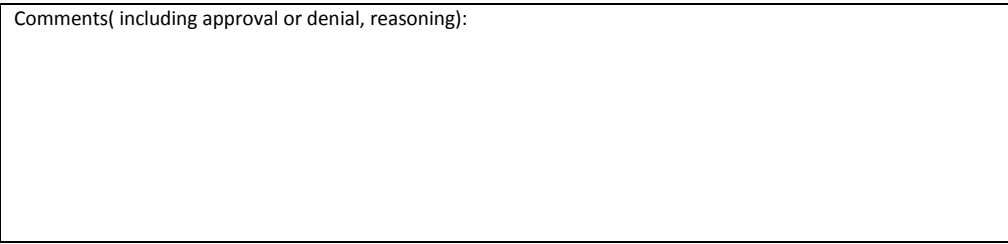
Name:	Keith Stachowski
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Comments:

Name:		Phone:	
Title:		Email:	

Additional
necessary):

Comments(including approval or denial, reasoning):



review (if

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

Project name:

Casey Lake Restoration

Organization:

Ramsey-Washington Metro

Watershed District

Organization contact person (Project Manager):

Bill Bartodziej

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		\$312.00	\$2,366.00	\$2,678.00
Contracts		\$15,000.00		\$15,000.00
Grant Administration				
Administration/ Environmental Compliance	\$450.00	\$450.00	\$300.00	\$1,200.00
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies			\$17,500.00	\$17,500.00
Travel				
Additional Budget items				
Total				\$36,378.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount
Keith Stachowski	NSP Public Works Superintendant	\$150.00

RMMWD Staff	District Technician(s)	\$728.00
NSP Public Works Staff		\$1,800.00

Contract Details:

Contractor Name	Contracted Work	Amount
Dewatering Co.- To Be Determined	Basin draw down	\$15,000.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount

Administration/ Environmental Compliance

Activity	Description	Amount
Admin/Compliance	Project oversight, permit acquisition	\$1,200.00

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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Equipment/Tools/Supplies Details:

Item	Use	Amount
32' fishing pier	Enhance angling opportunities, protect shore restoration	\$14,000.00
Split rail fence	Protect shore restoration	\$2,700.00
Bluegill & bass	Establish a balanced fish community	\$800.00

Travel Details:

Miles	Purpose	Amount

Additional Budget Items Details:

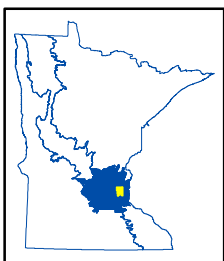
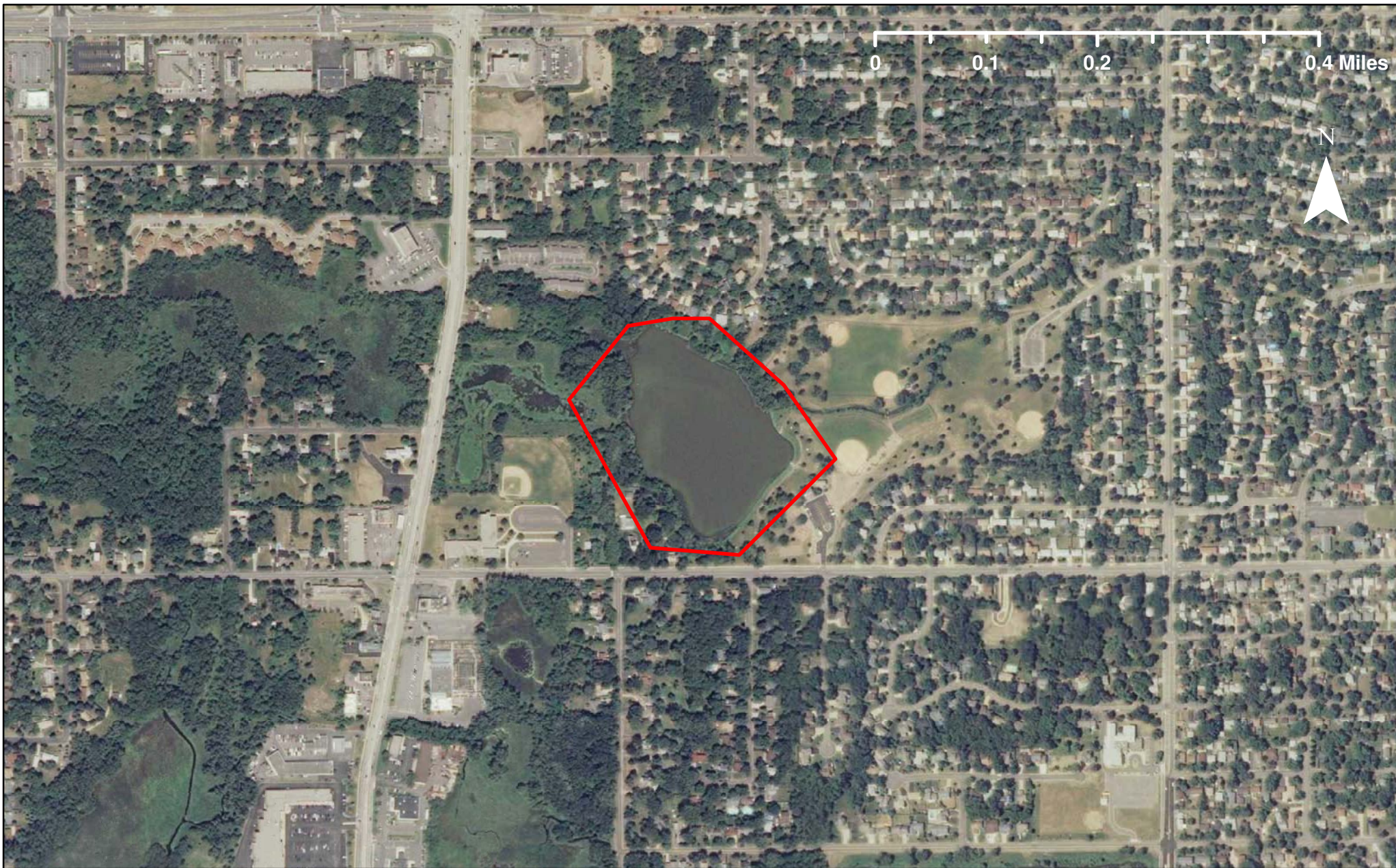
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MATCH: Required 10% of total project funds, to be fulfilled by end of Fiscal Year 2012. Use provided rate sheet to determine unit rate and total value of in-kind services to be used as matching funds if applicable.

Source	Description	Units	Unit Rate	Total Value
RWMWD	Labor	56.00	13.00	\$728.00
NSP	Labor	60.00	13.00	\$780.00
NSP	Equipment operation	20.00	51.00	\$1,020.00
NSP	Installation supervision	10.00	15.00	\$150.00
RWMWD	Oversight, Environmental Compliance	80.00	15.00	\$1,200.00

Matching description/ comments: if needed

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CPL100-048
Casey Lake Restoration

Ramsey County, LSOHC Metropolitan Urbanizing Area Planning Section





2400 Margaret Street
 North St. Paul, MN 55109

<http://www.ci.north-saint-paul.mn.us>
 651-747-2400

**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? Casey Lake Restoration; Ramsey-Washington Metro Watershed District

What is the name of your organization (private landowners use "Private Landowner")? City of North St. Paul

When will you make the contribution? Summer/Fall 2011

What is the value of your contribution and how did you determine the value? Does the contribution have a non-state origin? \$1,950.00; value determined using the CLP Grant Program: In-kind rate sheet. The contribution has a non-state origin.

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

Signature:

Printed Name, Title, and Affiliation:

Keith Stachowski, Assistant Public Works Superintendent
 Date Signed: October 27th, 2009

