

CPL Applications
(Total to date: 129)

Conservation Partners Legacy Grant Application

CPL I000024

Spreadsheet

Name and Contact

Project Identifier:	CPL1000024	Street Address 1:	901 First St NE
Project Name:	Nyroca Flats WMA Water Control Structure	Street Address 2:	
Organization Name:	Minnesota Waterfowl Association	City:	Hopkins
Organization Website:	www.mnwaterfowl.com	State:	m
Organization Contact Person:	Adam Benker/Brad Nylin	Zip Code:	55343
Contact Email:	adam.benker@mnwaterfowl.com		
Contact Phone:	952-767-0320		

Location

Primary County: Lyon

Nearest City:

Township:

Project Site Name: Nyroca Flats WMA

Project Site Land Ownership: State

Other Land Ownership:

Project Information

Primary Activity: Restoration

Primary Habitat Type: Wetland

Total Project Acres: 30

Total Project Sites: 1

Total Grant Amount Requested: \$147600

Total Match Amount: \$16400

Total Project Cost: \$164000

Project Completion Date: 11/2010 (MM/YYYY)

Project Summary and Outcomes: Design and construct a water control Structure to draw down the 30 acre water basin to allow for vegetation growth and rough fish die off. A sheet pile structure is required as well as some channel cleanout down stream from out let. The end result will be better water quality and clarity resulting in better waterfowl habitat on a waterfowl migration lake. This project is approve by the DNR.

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:	Nyroca Flats WMA Water Control Structure
Organization:	Minnesota Waterfowl Association
Organization contact person (Project Manager):	Brad Nylin

Project information

Project site:	Nyroca Flats WMA				
Project site land manager	Legal :	T109N	R43W	S21	Q
or easement holder:	Robert Meyer				
Private land owner	County:	Lyon			
(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 :	T	R	S	Q
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 :	T	R	S	Q
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
Summer 2010	Design and construct water control structure		
Fall 2010	begin draw down		

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

This 30 acre basin was traditionally an excellent type IV wetland. However its value for waterfowl has declined significantly because of high water and rough fish. A temporary drawdown is needed to restore the basin's potential as an excellent waterfowl habitat. The use of temporary drawdowns to benefit wetland wildlife is a commonly used habitat management technique that has been used by wildlife managers for many years.

A temporary (one or two growing seasons) drawdown will expose the bottom of the basin to air which is needed to stimulate germination of emergent aquatic vegetation seeds. Draw downs will be initiated in late fall or early spring. The drawdown will also eliminate the rough fish population. The lack of rough fish and subsequent improved water clarity will allow the growth of submergent aquatic plants. The presence of emergent and submergent aquatic plants will improve water quality, water clarity and waterfowl habitat.

To accomplish the draw down a sheet pile water control structure will be installed at the outlet of the basin. Evacuation of existing outlet channel downstream of the water control structure will be required to facilitate basin draw down. The structure will have a 7' wide crest elevation at the existing run out elevation of 1653.3' (NAVD 1988). The remainder of the crest will be at elevation 1655.5'. The structure will closely match the flow capacity of the existing outlet channel. the sheet pile structure will include a 5' wide stop log bay to allow for periodic draw downs of the basin. During the draw down phase, water will be discharged gradually by removing one stop log at a time until there is two inches or less of water flowing over the next stop log. At the time, another stop log will be removed. This process will be repeated until all the stop logs have been removed.

Depending on a variety of factors, one or two growing seasons will be required to reestablish aquatic vegetation in the basin. When the emergent vegetation is approximately 3' tall, stops will be replaced to the normal pool elevation (1653.3'). The normal pool elevation will be the same as the existing run out elevation established by DNR Division of Waters.

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?

Minnesota Department of Natural Resources Marshalls Office

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

Short term - oversee construction process and do take care of engineering plans

Long term - DNR routine maintenance and monitoring for future drawdown opportunities

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

Area DNR office - no funding needed

- 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: Brad Nylin	Organization/ Agency: Minnesota Waterfowl Associatio
Title: Executive Director	Date: 11/02/09

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:	MN DNR - Nyroca Flats WMA - Robert W. Meyer		
Title:	Area Wildlife Supervisor	Date of meeting:	10-29-09
Phone:	10-30-09	Proposal ID #:	
Email:	Bob.meyer@drn.state.mn.us	(assigned by agency, optional)	

PROJECT INFORMATION:

Project Name:	Nyroca Flats WMA Water Control Structure	Organization:	MWA
Contact Person:	Adam Benker		
Email:	adbtaxidermy@gmail.com	Daytime Phone:	612-202-3232

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:

[REDACTED] upstream of the project site. Jim Sehl, Groundwater Hydrologist, MNDNR Waters was consulted regarding this project and concluded there will be no impacts [REDACTED] a result of this project.

- ☐ 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](#) 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:	Robert W. Meyer
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Comments:

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Name:	Robert W. Meyer	Phone:	507-537-6250
Title:	AWM	Email:	bob.meyer@state.mn.us

Additional
necessary):

Comments(including approval or denial, reasoning):

review (if

Conservation Partners Legacy Grant

Project Budget and Match Worksheet, Application Requirement

Project name:	Nyroca Flats WMA Water Control Structure	
Organization:	Minnesota Waterfowl Association	
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		\$70,400.00		\$704,000.00
Grant Administration		\$4,000.00		\$4,000.00
Administration/ Environmental Compliance				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies				
Travel		\$89,600.00		\$89,600.00
Additional Budget items				
Total		\$164,000.00		\$164,000.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount

Contract Details:

Contractor Name	Contracted Work	Amount
TBD	Engineering and Design Work	\$20,000.00
TBD	Construction	\$50,400.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount
Staff	Hire Contractors, travel, project supervision	\$4,000.00

Administration/ Environmental Compliance

Activity	Description	Amount

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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Equipment/Tools/Supplies Details:

Item	Use	Amount
Materials	Materials For a sheet pile structure 5' wide stop log bay	\$50,400.00

Travel Details:

Miles	Purpose	Amount

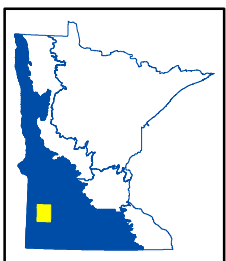
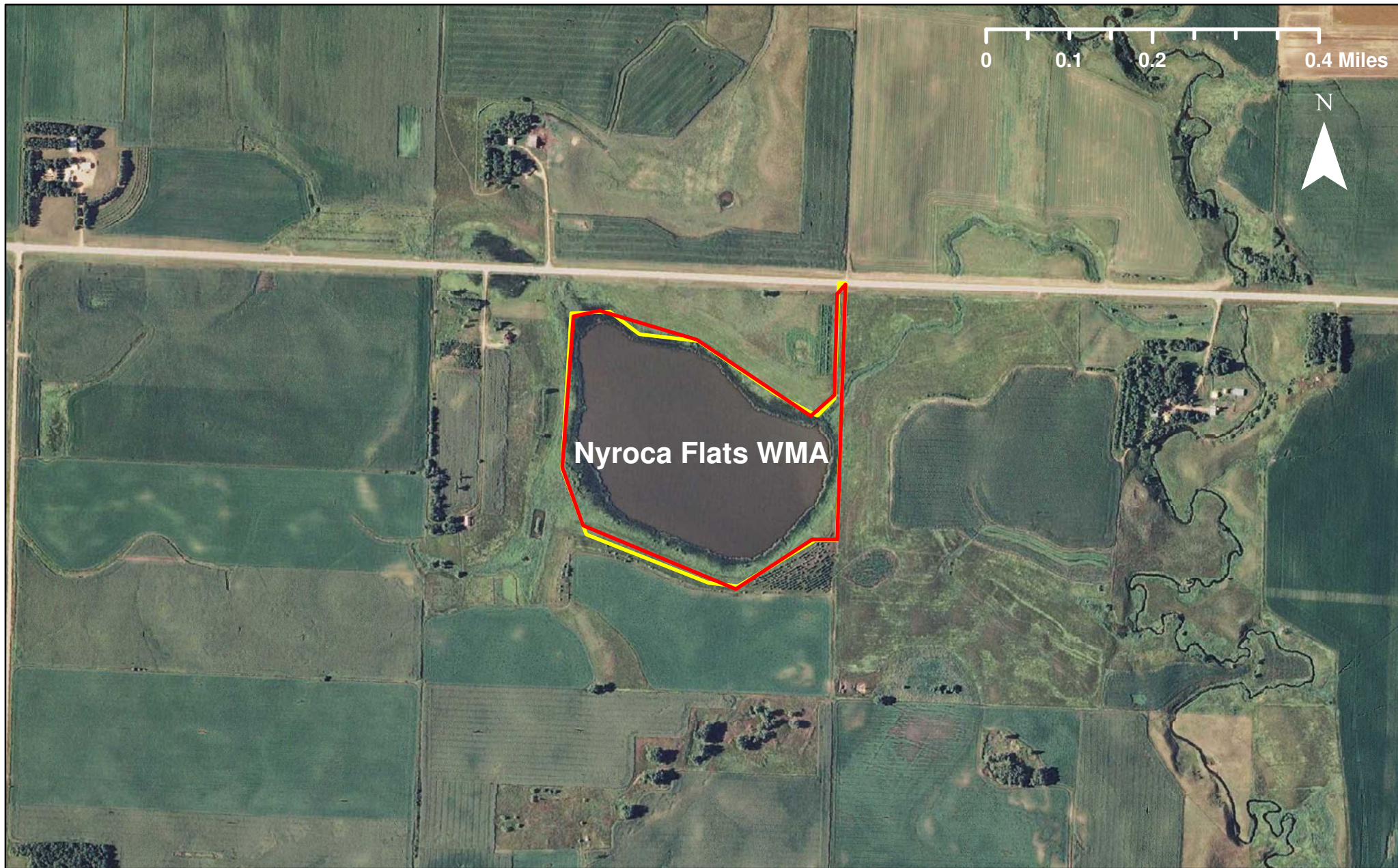
Additional Budget Items Details:

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
Shetek Prairie Chapter of MWA	Cash match to make the 10% match			\$16,400.00

Matching description/ comments: if needed

Shetek Prairie will be providing a cash donation to cover the 10% match for this project.



CPL100-024
Nyroca Flats WMA Water Control Structure
Lyon County LSOHC Prairie Planning Section

