

Conservation Partners Legacy Grants - Online Applications

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Project Summary

Project Name and Contact

Project Name:	Ella Lake WPA Water Control Structure	Project Manager:	Brad Nylin
Organization Name:	Minnesota Waterfowl Association	Title:	Executive Director
Organization Type:	Non-Profit	Phone:	952-767-0320
Mailing Address 1:	901 First Street N.	Email:	brad.nylin@mnwaterfowl.com
Mailing Address 2:			
City:	Hopkins		
State:	MN		
Zip Code:	55343		

Project Location Summary

Primary County:	Kandiyohi	Secondary Land
Nearest City:	Atwater	Ownerships:
Project Site Name:	Ella Lake Waterfowl Production Area	
Primary Land Ownership:	Federal	

Project Activity Summary

Primary Activity:	Enhancement	Primary Habitat Type:	Wetland
Additional Activities:		Additional Habitats:	
Total Project Sites:	1		
Total Project Acres:	10		

Project Funding Summary

Total Grant Amount	\$7,200
Requested:	
Total Match Amount	\$800
Pledged:	
Additional Funding:	
Total Project Cost:	\$8,000
Estimated Project	2011-11-01
Completion Date:	

Summary

Construct a water control structure on a 9.5 acre restored wetland on the Ella Lake Waterfowl Production Area (WPA) to provide water level management. This water control structure will allow manipulation of water levels required to control rough fish populations and improve submergent plant development to improve the quality of habitat for waterfowl and other wetland dependant birds.

Problem Statement

Ella Lake WPA is located in east-central Kandiyohi County and is owned by the U.S. Fish and Wildlife Service (FWS) and managed by the Litchfield Wetland Management District. This 418 acre WPA hosts an excellent complex of wetlands, grasslands, native prairie and small groves of native Burr Oak. The northwest extension of the WPA, comprising 160 acres, features two prominent and

highly visible wetlands that are critical components of the intire complex. The upper (eastern) basin is 30 acres in size. Several years ago the Minnesota Waterfowl Association installed a variable crest water control structure on this wetland. The FWS actively manages this structure and this has resulted in a wetland basin teaming with ducks, shorebirds, wading birds, and recently a pair of trumpeter swans. The lower 9.5 acre basin was restored several years ago by the FWS with a fixed crest sheet-pile structure which provided no means of water level management. This structure is failing. This wetland is part of a drainage that runs all year long and combined with the inability to management the water level this results in a perpetual infestation of carp. The wetland is extremely turbid with no submergent vegetation present. Rarely are any ducks observed using the wetland and there is no shorebird use. On occasion Canada geese and great blue herons are observed on this basin. Due to the location of this basin being directly below the 30 acre basin, it provide a refuge for carp that continually move upstream and invade the managed 30 acre wetland which creates additional management requirements for this wetland as well as a constant threat.

Project Objectives

The primary objectives of this proposal is to improve wetland habitat conditions in the 9.5 acre wetland for waterfowl, shorebirds, wading birds, and other wetland dependant species. Additionally, the ability to control carp in the lower 9.5 acre basin will assist in preventing infestations of carp in the upper basin. The ability to control water levels in this basin with allow for control of carp and other rough fish in this basin, minimize the threat of rough fish reinfesting this basin and the basin up stream, improve water clarity and reduce turbidity to allow for establishment of submergent vegetation, create shallow water areas for shorebirds, and retain flood waters if needed. This will improve habitat for a varied array of wetland dependant wildlife. It is difficult to discribe, but the difference between these two wetlands is amazing. The 30 acre wetland with water management capability is extremely diverse in bird and plant species. It is well known and used by local duck hunters. Use of this basin by birds during migrational periods is well known by local bird enthusiasts and they have it on the their list to visit each spring and fall. Good numbers of duck broods are observed on it each year. In contrast the 9.5 acre basin is almost devoid of birds. A duck brood has never been documented on this basin by the USFWS. Water clarity is extremely poor. It is little more than a refuge for carp. The placement of a water control structure on this wetland would allow manipulation that would vastly improve habitat conditions on this basin.

Methods

The placement of a water control structure on this basin would be relatively simple. The FWS would remove the old structure which would result in temporarily draining the wetland. When the wetland is drained the new variable crest water control structure would be installed by a contractor. Water level management would then be accomplished on an as needed basis.

Project Timeline

Time Frame	Goal
Spring 2011	Purchase new structure.
Summer 2011	Remove old structure.
Summer 2011	Install new structure.

Identify short and long term maintenance and management work required to sustain this project and source(s) of funding

Work needed	Who is responsible	Funding source
Purchase new structure.	Minnesota Waterfowl Association	MWA and grant
Remove old structure.	Contractor supervised by MWA and FWS staff.	Grant
Install new structure.	Contractor supervised by MWA and FWS staff.	Grant

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Answer each of the following questions in 1000 characters or less; descriptions/definitions are available in the [Criteria and Scoring Table](#).

1. Describe the local support for this project.

The local chapter of the Minnesota Waterfowl Association and U.S. Fish and Wildlife Service supports this project. This WPA is used by hunters as well as birders, affiliated with MWA or other conservation orgs that would benefit from this project.

2. Describe the degree of collaboration for this project.

This enhancement effort will be accomplished through collaboration with the Minnesota Waterfowl Association and the FWS. The FWS will use it people and equipment to remove the old structure. The MWA will order the new structure and coordinate bidding efforts to hire the contractor to construct the new structure.

3. Describe any urgency associated with this project.

The current state to the 9.5 acre wetland is extremely poor and the carp infestation in it continues to threaten and hamper efforts to maintain the excellent condition of the upstream wetland. Additionally, the existing structure is in disrepair and may fail at any time. With no other funding available, the urgency for this project is now.

4. Discuss if there are multiple benefits resulting from your project, identifying those species, habitats, etc.

Following is a list of some of the benefits of this project. 1. Improvement of the the 9.5 acre wetland will result in increased numbers and diversity of wetland dependant wildlife on this wetland and this will compliment the upstream wetland as well as the 418 acre WPA. 2. Water quality of this wetland will be improved through the removal of carp and establishment of submergent vegetation. This will improve water quality in the flowage which enters Lake Minnetaga just one mile down stream. 3. The ability to control carp infestations in this 9.5 acre wetland will minimize the threat of carp infestation of the 30 acre basin just up stream. 4. Aquatic vegetation will come back with rough fish removed 5. Flood control capabilities will be available with the new structure.

5. Discuss the habitat benefits resulting from your project.

The existing grassland and high quality wetland adjacent to this wetland already supports good numbers of wetland and grassland dependant wildlife. A limiting factor to this WPA's ability to support additional wetland dependant wildlifed, especially nesting waterfowl, is the poor quality of this wetland. The improvement of this wetland will increase the carrying capacity of the WPA as a whole.

6. Describe how your project is consistent with sound conservation science.

Sound conservation science calls for the restoration of native habitats. this wetland no longer experiences the natural draw downs and water level changes that it once did due to upstream influences in the watershed. Adgricultural drainage upstream has resulted in the basin reamining at high water levels consistantly. Additionally, due to the introduction of carp to North American, this wetland continues to be infested with carp due to upstream migration from Lake Minnetaga just down stream. these are the two primary unnatural influences that maintain this wetland in poor condition. Each of these influences can be mitigated with a properly managed water control structure.

7. Indicate if your project is adjacent to protected lands, describing those lands (ownership, public access, etc.)

The proposed 9.5 acre wetland enhancement project is located on and 418 acre WPA which is perpetually protected and managed for wildlife.

8. Discuss if there is full funding secured for this project and the sources of funding.

The proposed project will be fully funded if this proposal is approved. If this proposal is not approved the project will not be completed. The proposed costs of this project were determined by receiving estimates of the cost of the water control structure and are based on the cost of the same structure that was placed in the upstream wetland only 7 years ago. If this project comes in over budget, MWA and the USFWS will partner to make up the difference.

9. Discuss if CPL Grant funds will supplement or supplant existing funding. Discuss how these CPL funds will impact your organization's current budget.

This project will supplement existing funding. This is an important project with great cooperation and partnership with the USFWS. This project match will be paid from a local chapter and will have no impact on our existing budget. Our chapters decide how they spend their project dollars.

10. Describe public access at project site for hunting and fishing, identifying all open seasons.

The WPA is open to hunting, fishing, and trapping according to state and federal regulations. The primary restrictions to public use on the WPA are that no vehicular use is allowed, nontoxic shot is required, and dogs must be under control at all times except in the course of hunting.

11. Describe the sustainability of your project.

The expected life span of the structure is 50 years. The structure will be made of "poly-coated" material to minimize corrosion. The Structure will be inspected and maintained by the FWS on average of monthly and more often when active management is taking place.

12. Discuss use of native vegetation (if applicable).

No seeding or re-establishment of native vegetation will be conducted unless it is needed. Unlike the restoration of uplands, wetlands almost always have a ready source of native vegetation seed and reproduction materials available take advantage of the right conditions. It is anticipated that the native wetland vegetation will re-establish on its own.

13. Discuss your budget and why it is cost effective.

Bids will be requested for the purchase of the structure and the contractor to install it. The best value will be selected. The price to purchase the structure listed in this proposal is based on one bid received on 9/15/2010 to be used as an estimate. Cost savings will be incurred because the FWS will remove the old structure using its own equipment and personnel. The FWS contribution could be used as in-kind services but the 10% match is already supplied in cash by the Minnesota Waterfowl Association.

14. Describe your organization's ability to successfully complete this work, including experience in the area of interest and ability to successfully implement the proposed project. Include descriptions of your most recent grant experience and if the expected outcomes were achieved.

The MWA was involved in the same type of water control structure replacement in 2003 on the wetland directly up stream and this project has been a success. The MWA has a long history of working with the Litchfield Wetland Management District office on similar projects with great success.

15. Discuss how your project supports landscape level plans. Use additional sources for information if needed or available.

The proposed activity meets management criteria for wetland and wetland dependant wildlife improvement as stated in the Prairie Pothole Joint Venture Plan, Minnesota State Wildlife Action Plan, and Minnesota's Wetlands Conservation Plan.

16. Discuss how your project supports species plans. Use additional sources for information if needed or available.

This project conforms to approved practices in Minnesota's Long-Range Duck Recovery Plan and a Vision for Wildlife and Its Use-Goals and Outcomes 2006-2112. The species that would likely receive the greatest benefit would be wetland dependant species especially waterfowl, wading birds, and shorebirds during draw down periods.

17. Discuss how your project conforms to the Statewide Conservation and Preservation Plan.

This project fulfills the Statewide Conservation and Preservation Plans' Habitat Recommendation HR 5 (Restore land, wetlands and wetland-associated watersheds) and HR 6 (Protect and restore critical in-water habitat of lakes and streams), by recreating the natural draw down cycles in the wetland and removing invasive carp. Water quality benefits are also realized down stream in lake Minnetaga and within the watershed.

18. Discuss how your project conforms to the State Wildlife Action Plan (if applicable).

This project conforms with several management activities recommended in the State Wildlife Action Plan. Following is a list of Species in Greatest Conservation Need that have been documented on the managed wetland just upstream of the 9.5 acre wetland project proposed. None of these species have been observed of the wetland in this proposal, however, they would be anticipated to use it after the proposed action. Pintail, Ruddy turnstone, semipalmated sandpiper, black tern, marsh wren, sedge wren, trumpeter swan, short-billed dowitcher, swamp sparrow, pelican, virginia rail, forster's tern, and greater yellowlegs.

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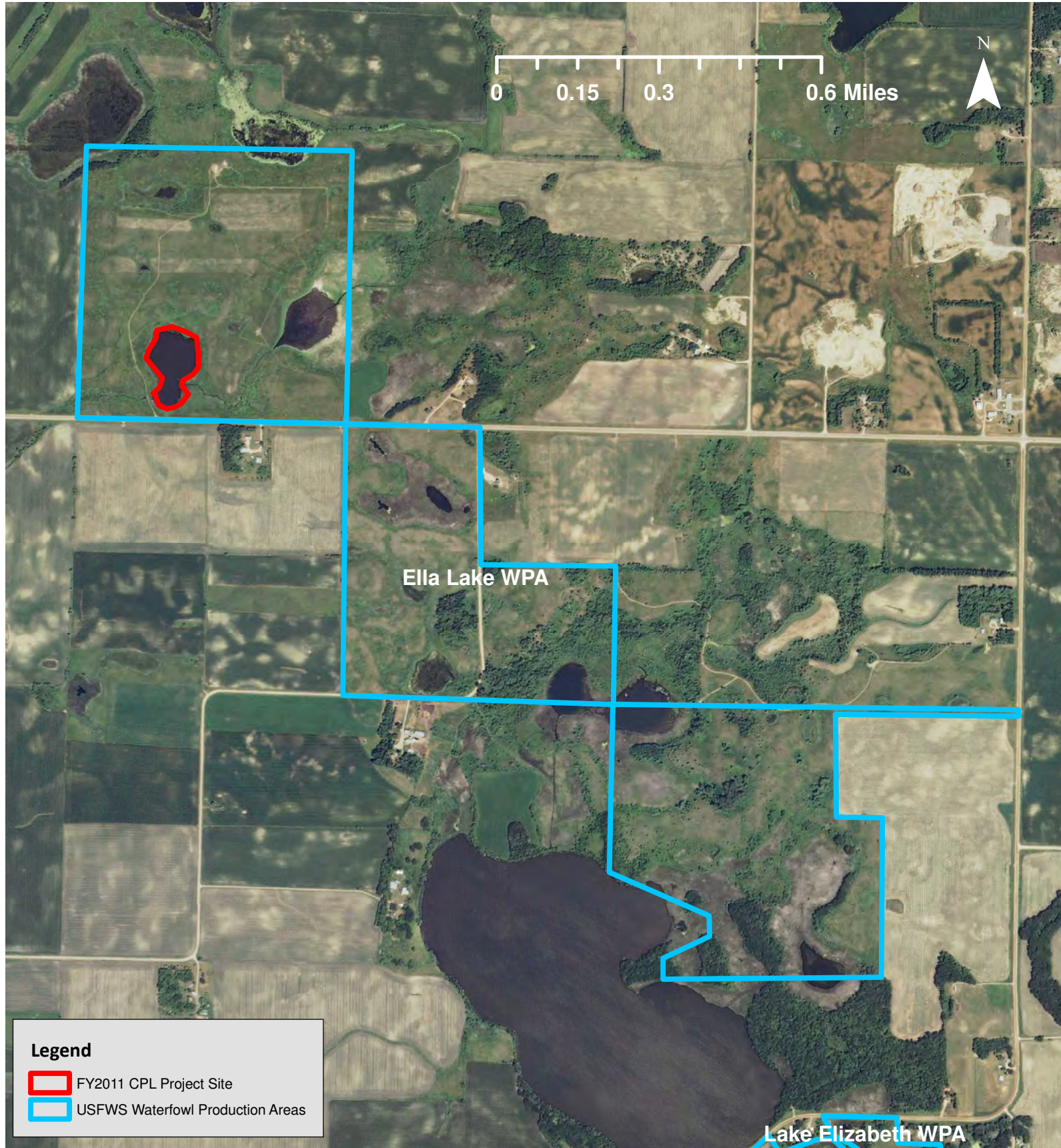
*you may group your project sites together as long as land ownership, activity and habitat information is the same for the land manager

Land Manager



Name:	Scott S. Glup	Phone:	320-693-2849
Organization:	U. S. Fish and Wildlife Service	Email:	scott_glup@fws.gov
Title:	Project Leader		

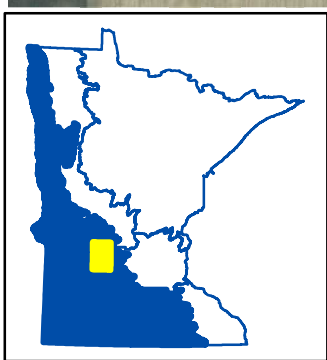
Site Information

Land Ownership:	Federal	Acres:	10
Site Name(s):	Elia Lake Waterfowl Production Area	Click here to View Site Map	
Activity:	Enhancement		
Habitat:	Wetland		



Legend

-  FY2011 CPL Project Site
-  USFWS Waterfowl Production Areas



CPL FY11-078
Ella Lake WPA Water Control Structure
Minnesota Waterfowl Association
Kandiyohi County
LSOHC Prairie Planning Section



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Organization's Fiscal Contact Information

Name:	Brad Nylin	Street Address 1:	901 First Street N.
Title:	Executive Director	Street Address 2:	
Email:	brad.nylin@mnwaterfowl.com	City:	Hopkins
Phone:	952-767-0320	State:	MN
		Zip Code:	55343

Budget Subtotals

Budget Item	Grant	Match	Total		
Personnel					
Contracts	\$4,800		\$4,800		
Fee Acquisition with PILT					
Fee Acquisition without PILT					
Easement Acquisition					
Easement Stewardship				In-kind Total	Cash Total
Travel (in-state)				\$0	\$800
Professional Services					
DNR Land Acquisition Cost					
Equipment/Tools/Supplies	\$2,400	\$800	\$3,200		
Additional Budget Items					
Total:	\$7,200	\$800	\$8,000		

Details

Contracts

Contractor Name	Contracted Work	Amount	Grant/Match	In-kind/Cash
Unknown, Best bid	Install structure	\$4,800	Grant	
Totals	Grant: \$4,800 Match: \$0	Total: \$4,800		

Equipment/Tools/Supplies

Item	Purpose	Amount	Grant/Match	In-kind/Cash
Water control structure	Allow wetland management	\$2,400	Grant	
Water control structure	Allow wetland management	\$800	Match	Cash
Totals	Grant: \$2,400 Match: \$800	Total: \$3,200		

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Project Review and Approval

A Project Review and Approval Form must be completed by each Land Manager named within the Site Info tab and Land Managers only need to complete one form for all sites they manage. Submitting this form fulfills the following requirements:

- Provides the results of the Natural Heritage Database Review,
- Allows for technical review of the project by the Land Manager, and
- Verifies that the public agency approves the work to be done (or acquisition) on land they manage.

You, as the applicant, are responsible for meeting with the Land Manager and receiving a completed Project Review and Approval Form. This form must contain an original signature from the Land Manager and you must upload it below as a PDF.

Each project will require at least one Project Review and Approval form. You may attach up to 4 forms on this page, but if you need more room you may attach up to three more on the "Additional Info" tab. If your project is working under 3 Land Managers, you must receive and submit a form from each manager.

No late Project Review and Approval Forms will be accepted. Applications lacking any necessary approval forms will be deemed incomplete and not considered for funding.

Answer the following questions, then attach the form(s)

No **Natural Heritage** elements were found within my project site(s):

Project Review and Approval Forms

[Uploaded Form 1](#)

CPL Project Review and Approval Form

REVIEWER INFORMATION:

Land manager/ easement holder name:	Scott S. Glup
Agency:	U.S. Fish and Wildlife Service
Title:	Project Leader
Phone:	320-693-2849
Email:	scott_glup@fws.gov

PROJECT INFORMATION:

Project Name:	Ella Lake WPA Water Control Structure
Contact Person:	Scott S. Glup
Organization:	U.S. Fish and Wildlife Service
Email:	scott_glup@fws.gov

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 listed the features below and recommended the following minimization strategy:

--

- ☐ 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 by Friday, August 27th 2010 to CPL Staff at LSCPLGrants.DNR@state.mn.us to complete the Natural Heritage 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.
- ☒ 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.

CPL Project Review and Approval Form

For Acquisitions Only:

- ☐ This project is for an acquisition to be transferred to a public agency by applicant:
- ☐ I have discussed any required Initial Development (facilities, habitat, etc.) work that is required before the transfer with the applicant.
- ☐ I have discussed all applicable costs of those developments and what party is responsible for those costs.

Complete the following cost tables (required work to bring to agency standards).

Habitat Development	# Acres	Cost/ Acre	Total	Funding Source	Applicant is responsible for:
Prairie Grassland					Choose
Forest/ Woody Cover					Choose
Wetland					Choose
Totals					

Facility Development	Cost	Funding Source	Applicant is responsible for:
Boundary Survey			Choose
Posting/ Fencing			Choose
Wood Routed Sign			Choose
Access Roads and Trails			Choose
User Facilities, Access, Parking Lots			Choose
Well Sealing/ Site Clean-up			Choose
Total			

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: Scott S. Glup	Phone: 320-693-2849
---------------------	---------------------

☒ By checking this box and signing 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. I understand I must provide this document as a PDF with my original signature on it to the applicant to submit a complete application.

Name: Scott S. Glup Date: 9-15-2010

Comments: This is an excellent project which will result in enhancing a wetland on Ella Lake Waterfowl Production Area. A similar effort was made in 2003 on a wetland just upstream from the proposed wetland and the results have been excellent. We look forward to working with the Minnesota Waterfowl Association.

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List any additional details about your project here. Include your organization's history or charter to receive private contributions for local conservation or habitat projects. This is not required.

Minnesota Waterfowl Association is a 501C-3 organization dedicated to waterfowl. Our mission is: The Minnesota Waterfowl Association is dedicated to the preservation, protection and enhancement of Minnesota's wetlands, related waterfowl habitat, and our hunting heritage". The MWA was started in 1967 by people that were concerned about the declining waterfowl numbers in Minnesota. Since the MWA was started we have been involved with on the ground habitat projects all across the state, to try and make a difference on the landscape. MWA is dedicated to waterfowl conservation and will continue making a difference for the future.

Supplemental Documents

If you / your project does not need to upload any of these documents, you may leave these upload boxes empty.

Upload additional information here, limited to Partner Commitment Letters, Letters of Support, Easement information, etc. You may email easement information only if it exceeds size limit while trying to submit the application; all other supporting documentation must be uploaded. Reference CPL Application # and name when emailing (provided upon application submission) or your email will be returned. Send emails to

LSCPLGrants.DNR@state.mn.us

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Final Application Submission

This completes your CPL Grant Application. Please take the time to revisit the previous sections and make sure you have entered everything completely and correctly. Once you hit the submit button below, you will not be able to return to this application to make changes.

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 certify 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 certify this organization to have the financial capability to compete this project and that it will comply with all applicable laws and regulations.

I certify that all of the information contained in the application is correct as of the time of the submission. If anything should change, I will contact CPL Grant Staff immediately to make corrections.

I certify that if funded I will give consideration to and make timely written contact to Minnesota Conservation Corps or its successor for consideration of possible use of their services to contract for restoration and enhancement services. I will provide CPL staff a copy of that written contact within 10 days after the execution of my grant, should I be awarded.

I certify that I am aware at least one Project Review and Approval form is required for every application and I must submit all completed forms by uploading them into this application. I have attached one form as necessary for each different Land Manager within my project.

I am aware that by typing my name in the box below, I am applying my signature to this online document.

Signature:

Bradley D. Nylín

Organization / Agency:

**Minnesota Waterfowl
Association**

Title:

Executive Director

Date:

2010-09-16

Conservation Partners Legacy Grant Program
FY2011 Technical Review Comments and Scoring, Regional and Divisional Directors Comments

Proj ID	Organization Name	Project Name	Technical Review Committee Scoring Comments	Amount Requested	Score	Technical Review Committee Final Rank	Comments	Regional Comments	Meets Regional Plan?	Rank	Region	Division Director's Comments	
78	Minnesota Waterfowl Association	Ella Lake WPA Water Control Structure	If carp issues, should add fish barrier to help address this problem. What is the total watershed, how effective will this be, will you get drawdown? Is there enough drop to keep fish out? Connectivity (streams) may be part of problem with carp. Cost benefit is good, good project, just the fish question.	\$7,200	150	#4 recommended, wetland committee		Maybe a H due to low price, but not sure what kind of use it might get.	Y	M	4	All agree with this one being funded, good project.	
		1)Amount of Habitat	2)Local Support	3)Degree of Collaboration	4)Urgency	5)Multiple Benefits	6)Habitat Benefits	7)Sound Conservation Science	8)Adjacent to Protected Lands	9)Full Funding of Project	10)Supplants Existing Funding	11)Public Access for Hunting and Fishing	12)Sustainability
		8.00	8.00	8.00	5.00	7.00	8.00	8.00	10.00	9.00	8.00	10.00	9.00
		7.00	6.00	6.00	6.00	6.00	7.00	6.00	7.00	7.00	8.00	9.00	7.00
		7.00	8.00	9.00	7.00	9.00	8.00	9.00	10.00	9.00	7.00	10.00	9.00
		7.00	7.00	7.00	8.00	8.00	8.00	8.00	8.00	9.00	7.00	10.00	7.00
		6.00	7.00	8.00	7.00	7.00	7.00	6.00	8.00	6.00	10.00	10.00	8.00
AVERAGES		7.00	7.20	7.60	6.60	7.40	7.60	7.40	8.60	8.00	8.00	9.80	8.00
TOTAL SCORE	150.20												
13)Use of Native Plant Materials	14)Budget and Cost Effectiveness	15)Capacity to Successfully Complete Work	16)Supports Existing Landscape Level Plans	17)Supports Species Plans	18)Conforms to Statewide Conservation and Preservation Plan	19)Conforms to State Wildlife Action Plan							
9.00	10.00	9.00	8.00	7.00	8.00	7.00							
5.00	8.00	7.00	7.00	7.00	7.00	8.00							
8.00	9.00	10.00	9.00	8.00	9.00	9.00							

8.00	8.00	8.00	9.00	9.00	9.00	10.00
6.00	6.00	10.00	9.00	8.00	7.00	9.00
7.20	8.20	8.80	8.40	7.80	8.00	8.60