

# Conservation Partners Legacy Grants - Online Applications

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## Project Summary

### Project Name and Contact

Project Name: **Bone & Moody Lakes  
Low Velocity Fish  
Barriers**

Organization Name: **Comfort Lake Forest  
Lake WD**

Organization Type: **Government**

Mailing Address 1: **220 North Lake Street**

Mailing Address 2:

City: **Forest Lake**

State: **MN**

Zip Code: **55025**

Project Manager: **Doug Thomas**

Title: **Administrator**

Phone: **651-209-9753**

Email: **doug.thomas@clflwd.org**

### Project Location Summary

Primary County: **Washington**

Nearest City: **Forest Lake**

Project Site Name: **Bone & Moody Lakes**

Primary Land Ownership: **Local**

Secondary Land  
Ownerships: **County**

### Project Activity Summary

Primary Activity: **Enhancement**

Additional Activities:

Total Project Sites: **3**

Total Project Acres: **256**

Primary Habitat Type: **Fish, Game or Wildlife  
Habitat**

Additional Habitats:

### Project Funding Summary

Total Grant Amount **\$283,000**

Requested:

Total Match Amount **\$73,400**

Pledged:

Additional Funding: **\$19,750**

Total Project Cost: **\$376,150**

Estimated Project  
Completion Date: **2013-06-30**

: The CLFLWD has spent a total of \$19,750 to date. Of this amount \$15,500 has been spent on preliminary feasibility/design work. The remaining \$4,250 has been spent on rough fish removal from Bone and Moody Lakes during the winter of 2010.

### Summary

The project involves the design and installation of 3 low velocity fish barriers on Bone and Moody Lakes. This project will provide for the long term enhancement of native aquatic vegetation, a high quality fishery, and improved water quality by controlling rough fish populations. The barriers along with future harvesting will allow for the control of rough fish at populations that are conducive to achieving the management goals of the DNR & District for these lakes. This technique which is new to Minnesota will allow for the almost complete prevention of fish migration in an area where there is not enough slope for a standard velocity barrier and to avoid the high operating cost and uncertain control of electric barriers. This type of barrier would be valuable in numerous

locations throughout the state with flat topography and future designs can further refined and guided by the experience in Bone and Moody Lakes.

## Problem Statement

The purpose of the project is to control the populations of rough fish, primarily carp and bullhead, in Bone and Moody Lakes. Combined, Bone & Moody Lake have a surface area of 256 acres and both are accessible by the public. These lakes have a history of rough fish problems and when controlled in the past by mechanical harvesting have shown improvements in the local fishery, type and abundance of native aquatic vegetation and improved water clarity. These improvements however have been short lived as there has been no effective way to prevent the migration of rough fish out of and into the two lakes, resulting in rapid increases in their populations over a short period of time. As stated previously, the installation of traditional fish barriers has been limited by the flat topography of the area.

## Project Objectives

This project will provide for the long term enhancement of the native aquatic vegetation, a high quality fishery, and improved water quality by controlling the proliferation of rough fish by using future mechanical harvesting in combination with the barriers to control rough fish at populations that are conducive to achieving the stated goals. This type of barrier would be valuable in numerous locations throughout the state with flat topography and future designs can further refined and guided by the experience in Bone and Moody Lakes. This project is being coordinated with the East Metro DNR Fisheries staff but will be managed and implemented by the Comfort Lake-Forest Lake Watershed District (CLFLWD).

## Methods

Specific work to be accomplished will include fabricating two 48" risers with 36" outlet pipes to be attached to the upstream end of existing 36" pipes. One culvert is located under 238th street and carries water from an inlet to Bone Lake from Moody Lake. The other pipe carries the outlet to Bone Lake which crosses under Lofton Ave. just south of 238th street. The third pipe will be located under 245th Street and carries water from the north inlet to Moody Lake. Attached to these 48" risers will be two 24" lateral culverts each 25 feet long running parallel to the road shoulder. A series of perforated plastic drain pipes 10" in diameter will be discharged into the lateral culverts. The drain tile at the inlet to Bone Lake will be installed parallel to each other and parallel to 238th street immediately upstream of the road, lying on the bottom of the wetland adjacent to the lake. The tile at the Bone Lake outlet will be installed in a similar manner – parallel pipes running perpendicular to Lofton Avenue and discharging into the 24" lateral culvert. The Moody Lake inlet tile will similarly be with parallel pipes running perpendicular to 245th Street. Once the drain tiles are properly located, the entire complex of drain pipes will be covered with a layer of appropriate size rock. This project is being coordinated with the East Metro DNR Fisheries staff but will be managed and implemented by the Comfort Lake-Forest Lake Watershed District (CLFLWD).

## Project Timeline

Time Frame	Goal
Spring 2011	Obtain all local, state and federal approvals
Summer 2011	Final plans and specifications
Fall 2011	Advertise for construction proposals
Winter 2012	Construction of three low velocity barriers
Spring/ Summer 2012	Follow-up for any maintenance and vegetative restoration

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
Periodic Maintenance	CLFLWD	general levy

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## Project Information

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 project has the full support of the Comfort Lake-Forest Lake Watershed District which has identified this project as a high priority in its Comprehensive Watershed Management Plan and Capital Improvement Plan. There is local support for the project by the DNR Area Fisheries Manager, Washington and Chisago Counties, the City of Scandia and the Bone Lake Association.

**2. Describe the degree of collaboration for this project.**

The project has been developed and will be implemented in close cooperation with MDNR Fisheries. It will require work agreements or easements with the Washington County Highway Department, the City of New Scandia, and Chisago Lakes Township to allow us to install these structures to existing culverts under public roads. Comfort Lake - Forest Lake Watershed District (CLFLWD) has already been in contact and has received approvals for the construction of the barriers from each of the entities.

**3. Describe any urgency associated with this project.**

The project, which has been in the planning stages for nearly three years, is budgeted for in the CLFLWD budget for 2011. If the project is not funded it is likely that the funds that have been budgeted for will be allocated to another priority project within the CLFLWD. The City of Scandia also has plans in the next two years to replace the existing road culvert at the Bone Lake inlet. If the project does not happen at roughly the same time as the local road project costs will increase as the inlet design will need to be modified and restoration of the site and roadway will be much greater.

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

The project has the full support of the Comfort Lake-Forest Lake Watershed District which has identified this project as a high priority in its Comprehensive Watershed Management Plan. This project will be complemented by existing Watershed District cost-share programs, which are implemented by the Chisago SWCD and Washington CD, to implement shoreline restoration and water quality buffers around the lakes and to implement agricultural land management practices to reduce eroded sediment and nutrients from getting into the two lakes. The District maintains a water quality monitoring program of which the two lakes are part of a comprehensive district-wide lake and stream monitoring program. Fishery and aquatic plant surveys will be supported by and coordinated with the MNDNR as needed and/or warranted for aiding in the long term management of the fisheries and water quality of the two lakes.

**5. Discuss the habitat benefits resulting from your project.**

The in-lake and near shore aquatic vegetative habitats will be improved as a result of this project. The current populations of rough fish have greatly reduced the quality and quantity of native aquatic vegetation due to the reduced light penetration and disturbance of bottom substrates. The restoration of the near-shore aquatic vegetation will enhance the fish habitat in the lake as well as helping to improve water quality. Current efforts of the Bone Lake Association and the CLFLWD to restore shoreline habitat and riparian buffers will also assist in the establishment of improved habitat fringe and adjoining upland which will improve both aquatic and terrestrial species that are dependent on the water/upland zone around the two lakes.

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

The project has been planned and designed with input from the DNR Area Fisheries staff in an effort to provide for the use best science and most current techniques to

manage the rough fish populations in a way that will achieve enhanced beneficial uses of the lakes for fisheries, improved aquatic habitat, and water quality. Significant time and resources have been spent in the planning stages for this project as well as developing plans for addressing the watershed contributions of sediment and phosphorous into the lakes.

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

The project is not adjacent to any other publically or privately protected lands.

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

The project, although identified in the CLFLWD's 2011 work plan and budget, is not proposed to be fully funded by local sources. The project construction costs of approximately \$283,000 are identified as coming from grant funding. The remaining portion of the total project cost which is \$73,400 will come from the CLFLWD's project implementation levy (\$56,600) and staff in-kind services (\$16,800).

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

CPL funds if awarded will supplement the CLFLWD's budget for this project. Due to the demonstration aspects of applying this newer technology at a scale which has not been previously been done in Minnesota CPL funds, or some other outside source of funding is necessary. If CPL funds are not awarded the project will not likely be built and the local funds that have been allocated for the project will likely be re-directed to other priority projects in the District.

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

Public access is available on both Bone and Moody Lakes. The Bone Lake access is DNR owned and operated. The Moody Lake access is owned by Chisago County. Access to the lakes is open year round.

**11. Describe the sustainability of your project.**

This project will provide for the long term enhancement of the native aquatic vegetation, a high quality fishery, and improved water quality by controlling the proliferation of rough fish by using future mechanical harvesting in combination with the barriers to control rough fish at populations that are conducive to achieving the stated goals. This project will be complemented by existing Watershed District cost-share programs, which are implemented by the Chisago SWCD and Washington CD, to implement shoreline restoration and water quality buffers around the lakes and to implement agricultural land management practices to reduce eroded sediment and nutrients from getting into the two lakes. Fishery and aquatic plant surveys will be supported by and coordinated with the MNDNR as needed and/or warranted for aiding in the long term management of the fisheries and water quality of the two lakes.

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

Although there will no direct use of native vegetation the project will help to promote and stimulate a robust population of native aquatic vegetation in the two lakes.

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

The budget for this project is built around the concept of using a newer technique for rough fish control referred to as a low velocity barrier. This type of barrier is being recommended by the DNR in this situation due to the flat topography which limits the use of both mechanical and high flow velocity barriers. It has been determined to be the most cost effective method as compared to an electric barrier which has a similar implementation cost but comes with a very high annual operating cost. The other benefit from a cost stand point is that the low velocity barrier does not have the potential for clogging by vegetation and the associated cost for periodic removal of collected debris and vegetation along with its potential for flooding if not properly maintained. The projected costs for this project are based on an engineering feasibility study that has already been conducted and are believed to be an accurate estimate of costs.

**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 project will be implemented by the CLFLWD, which is a special purpose local unit of government. The CLFLWD has both full time staff and consultants that will be working on this project as well as general levy authority which will assure for the long term operation and maintenance of the project. The CLFLWD has recently been awarded grant funding from the BWSR through its Clean Water Legacy grant program for two wetland restoration/cattle exclusion projects as well as a grant from the PCA for a lake diagnostic study. The diagnostic study was completed successfully in 2009. The other projects are in the final stages of contracting and will be implemented in the fall of 2010.

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

The project has been developed and will be implemented in close cooperation with MDNR Fisheries. The project supports the goals for the two lakes as found in the Comfort Lake-Forest Lake Watershed Management Plan. The project will also support the recreational use of these lakes as outlined in the City of Forest Lake and City Scandia Comprehensive Land Use Plans.

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

We are not aware of any species specific plan for Bone and Moody Lakes

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

The project conforms with Habitat recommendation 4: Restore and protect shallow lakes and Habitat recommendation 6: Protect and restore critical in-water habitat of lakes and streams as found in the Minnesota Statewide Conservation and Preservation Plan.

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

The project conforms to the actions identified for Shallow Lakes (page 272) in the State Wildlife Action Plan.

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## Site Information

\*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:	<b>Ann Hurlburt</b>	Phone:	<b>651-433-2274</b>
Organization:	<b>City of Scandia</b>	Email:	<b>a.hurlburt@ci.scandia.mn.us</b>
Title:	<b>Administrator</b>		

### Site Information

Land Ownership:	<b>Local</b>	Acres:	<b>226</b>
Site Name(s):	<b>Bone Lake Inlet</b>	Click here to <a href="#">View Site Map</a>	
Activity:	<b>Enhancement</b>		
Habitat:	<b>Fish, Game or Wildlife Habitat</b>		

### Land Manager

Name:	<b>Craig Wills</b>	Phone:	<b>651-259-5757</b>
Organization:	<b>DNR Waters</b>	Email:	<b>craig.wills@state.mn.us</b>
Title:	<b>Area Hydrologist</b>		

### Site Information

Land Ownership:	<b>Public Water</b>	DOW Lake #:	<b>82-54P</b>
Site Name(s):	<b>Bone Lake Outlet</b>	Acres:	<b>226</b>
Activity:	<b>Enhancement</b>	Click here to <a href="#">View Site Map</a>	
Habitat:	<b>Fish, Game or Wildlife Habitat</b>		

### Land Manager

Name:	<b>Doug Thomas</b>	Phone:	<b>651-209-9753</b>
Organization:	<b>Comfort Lake Forest Lake WD</b>	Email:	<b>doug.thomas@clflwd.org</b>
Title:	<b>Administrator</b>		


### Site Information

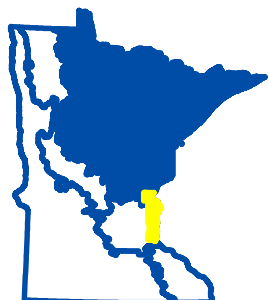
Land Ownership:	<b>Private</b>	Acres:	<b>30</b>
Site Name(s):	<b>Moody Lake Inlet</b>	Click here to <a href="#">View Site Map</a>	
Activity:	<b>Enhancement</b>		
Habitat:	<b>Fish, Game or Wildlife Habitat</b>		





**Legend**

 FY2011 CPL Project Site



**CPL FY11-040**  
**Bone & Moody Lakes**  
**Low Velocity Fish Barriers**  
**Washington County,**  
**LSOHC Northern Forest Planning Section**





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## Budget Information

### Organization's Fiscal Contact Information

Name:	<b>Doug Thomas</b>	Street Address 1:	<b>220 North Lake Street</b>
Title:	<b>Administrator</b>	Street Address 2:	
Email:	<b>doug.thomas@clflwd.org</b>	City:	<b>Forest Lake</b>
Phone:	<b>651-209-9753</b>	State:	<b>MN</b>
		Zip Code:	<b>55025</b>

### Budget Subtotals

Budget Item	Grant	Match	Total		
Personnel		<b>\$16,800</b>	<b>\$16,800</b>		
Contracts	<b>\$283,000</b>		<b>\$283,000</b>		
Fee Acquisition with PILT					
Fee Acquisition without PILT					
Easement Acquisition					
Easement Stewardship				In-kind Total	Cash Total
Travel (in-state)				<b>\$16,800</b>	<b>\$56,600</b>
Professional Services		<b>\$56,600</b>	<b>\$56,600</b>		
DNR Land Acquisition Cost					
Equipment/Tools/Supplies					
Additional Budget Items					
<b>Total:</b>	<b>\$283,000</b>	<b>\$73,400</b>	<b>\$356,400</b>		

### Details

#### Personnel

Name	Title / work to be completed	Amount	Grant/Match	In-kind/Cash
<b>Doug Thomas</b>	<b>Administrator/project mgmt</b>	<b>\$16,800</b>	<b>Match</b>	<b>In-kind</b>
<b>Totals</b>	Grant: \$0 Match: \$16,800	Total: \$16,800		

#### Contracts

Contractor Name	Contracted Work	Amount	Grant/Match	In-kind/Cash
<b>Not determined</b>	<b>Bone Lake inlet barrier</b>	<b>\$89,870</b>	<b>Grant</b>	
<b>Not determined</b>	<b>Bone Lake outlet barrier</b>	<b>\$118,230</b>	<b>Grant</b>	
<b>Not determined</b>	<b>Moody Lake inlet barrier</b>	<b>\$74,900</b>	<b>Grant</b>	
<b>Totals</b>	Grant: \$283,000 Match: \$0	Total: \$283,000		

#### Professional Services

Professional Name	Description of Services	Amount	Grant/Match	In-kind/Cash
<b>EOR Inc.</b>	<b>Permits, plans, construction</b>	<b>\$56,600</b>	<b>Match</b>	<b>Cash</b>
<b>Totals</b>	Grant: \$0 Match: \$56,600	Total: \$56,600		



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**Review & Approval**



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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](#)

[Uploaded Form 2](#)

[Uploaded Form 3](#)

[Uploaded Form 4](#)

## CPL Project Review and Approval Form

### REVIEWER INFORMATION:

Land manager/ easement holder name:

Agency:

Title:

Phone:

Email:

### PROJECT INFORMATION:

Project Name:

Contact Person:

Organization:

Email:

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 27<sup>th</sup> 2010 to CPL Staff at [LSCPLGrants.DNR@state.mn.us](mailto: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
<b>Totals</b>					

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
<b>Total</b>			

### 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:
-------	--------

☒ 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: Anne Shurbert

Date: 9-9-2010

Comments:

- BONE Lake

## 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).

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Forest/ Woody Cover					Choose
Wetland					Choose
<b>Totals</b>					

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
<b>Total</b>			

### 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: \_\_\_\_\_

- ☐ 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: \_\_\_\_\_

Date: 9/10/10

Comments: The project as described will require a DNR Public Waters Work Permit. Have had numerous discussions with Fisheries and Watershed staff. Watershed has been advised on relevant rules/requirements for permitting.



## CPL Project Review and Approval Form

☐ 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

### REVIEWER INFORMATION:

Land manager/ easement holder name:	Craig Wills
Agency:	
Title:	DNR Area Hydrologist
Phone:	651 259-5757
Email:	craig.wills@state.mn.us

### PROJECT INFORMATION:

Project Name:	
Contact Person:	Doug Thomas
Organization:	Comfort Lake Forest Lake Watershed
Email:	

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:

The Prairie Rich Fen is located [REDACTED] The culvert that crosses under Lofton Ave., just south of 238rd street, provides a surface hydrologic connection to a public water wetland which flows further west and north through a ditched channel that runs directly through the fen. The fen has been identified as being in excellent condition with no known occurrences of exotic species. In order to preserve the current quality of the fen, water levels following construction should be maintained to mimic current conditions.

Based on the proposed actions, it would not appear that [REDACTED] will be negatively effected. [REDACTED]

- ☐ 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 27<sup>th</sup> 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.

## CPL Project Review and Approval Form

### REVIEWER INFORMATION:

Land manager/ easement holder name:	Dick Damchik
Agency:	Comfort Lake Forest Lake WD
Title:	President
Phone:	651-209-9753
Email:	

### PROJECT INFORMATION:

Project Name:	Bone & Moodly Lake
Contact Person:	Doug Thomas
Organization:	Comfort Lake - Forest Lake WD
Email:	doug.thomas@clflwd.org

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.

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- ☐ 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:

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- ☐ 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 27<sup>th</sup> 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
<b>Totals</b>					

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
<b>Total</b>			

### 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:

☒ 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:

*Rick P. Daniels*

Date:

*9-5-10*

Comments:



## CPL Project Application Review and Approval Form

### REVIEWER INFORMATION

Land manager/ easement holder name:	Gerald Johnson		
Title:	East Metro Area Fisheries Supervisor	Date of meeting:	08/18/2010
Phone:	651 259-5770	Proposal ID #:	
Email:	Gerald.Johnson@dnr.state.mn.us	(assigned by agency, optional )	

### PROJECT INFORMATION:

Project Name:	Bone Lake /Moody Lake Fish Barriers	Organization:	Comfort L-Forest L. W. D.
Contact Person:	Doug Thomas		
Email:	doug.thomas@cflwd.org	Daytime Phone:	(651) 209-9753

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:

- ☐ 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](mailto: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

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☒ 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:	Jeffrey Gorton	Phone:	(651)259-5759
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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:	Jeffrey Gorton
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Comments: **This is a cooperative project between the Comfort Lake-Forest Lake watershed district and the East Metro Fisheries Office. It is enthusiastically supported by our office.**

.....  
Additional review (if necessary):

Name:		Phone:	
Title:		Email:	
Comments( including approval or denial, reasoning):			

# Conservation Partners Legacy Grants - Online Applications


Jamie Gangaware

Admin

[List Applications](#)


[Summary Spreadsheet](#)

[Log Out](#)

 Project Summary


 Project Info

 Site Info

 Budget Info

 Review & Approval

 **Additional Info**

 Application Submission

## Additional Information

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.

## 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](mailto:LSCPLGrants.DNR@state.mn.us)

# Conservation Partners Legacy Grants - Online Applications


Jamie Gangaware

Admin

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[Summary Spreadsheet](#)

[Log Out](#)


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 Application Submission

## 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:

**Douglas J. Thomas**

Organization / Agency:

**Comfort Lake Forest  
Lake WD**

Title:

**Administrator**

Date:

**2010-09-13**



Proj ID	Organization Name	Project Name	Technical Review Committee Scoring Comments	Amtount Requested	Score	Technical Review Committee Final Rank Comments	Regional Comments	Meets Regional Plan?	Rank	Region	Division Director's Comments
40	Comfort Lake Forest Lake WD	Bone & Moody Lakes Low Velocity Fish Barriers	This design has been used previously in state--mostly top of watershed rearing pond type. Questions on use in watershed, why 3 sites--not effective in preventing downstream movement of roughfish. Is this the right use for this design? These are bigger pipes than previous attempts. Structures limited by watershed and flows. Have they done stream and flow modeling? Is there a rotenone proj going along with this? Will mechanical barrier work? Concerns about long-term maint, and success.	\$283,000	121	prototype, but intriguing. Moves to larger scale. Uncomfortable with it, lots unknowns. Can you partial fund--not all structures---to test?	Experimental project that if successful may have applicability in other areas of state. Watershed District is working with East Metro DNR Fisheries. Maintenance will be dome by WD. Rank #3 /12	Y	H	3	Good project, scored high by TRC, agreed on project last year.

CLFLWD\_40\_Bone and Moody Lake

	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 Exi Funding
	6.00	7.00	7.00	9.00	6.00	7.00	8.00	2.00	6.00	8.00
	7.00	5.00	7.00	3.00	7.00	7.00	6.00	6.00	7.00	7.00
	6.00	8.00	8.00	5.00	8.00	8.00	6.00	4.00	6.00	8.00
	5.00	8.00	8.00	5.00	9.00	8.00	8.00	8.00	8.00	7.00
AVERAGES	6.00	7.00	7.50	5.50	7.50	7.50	7.00	5.00	6.75	7.50

TOTAL SCORE	120.75
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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
8.00	7.00	2.00	6.00	6.00
8.00	3.00	5.00	3.00	4.00
8.00	7.00	6.00	6.00	5.00
8.00	8.00	8.00	8.00	7.00
8.00	6.25	5.25	5.75	5.50