

CPL Applications
(Total to date: 129)

Conservation Partners Legacy Grant Application

CPL1000112

[Spreadsheet](#)

Name and Contact

Project Identifier:	CPL1000112	Street Address 1:	Lake County Forestry
Project Name:	Mixed Hardwood/Conifer Restoration	Street Address 2:	601 3rd Ave
Organization Name:	Lake County Forestry	City:	Two Harbors
Organization Website:		State:	MN
Organization Contact Person:	Nate Eide	Zip Code:	55616
Contact Email:	nate.eide@co.lake.mn.us		
Contact Phone:	218-834-8340		

Location

Primary County:	Lake
Nearest City:	Two Harbors
Township:	twp 55 rng 10
Project Site Name:	Conifer Hardwood Restoration
Project Site Land Ownership:	County
Other Land Ownership:	

Project Information

Primary Activity:	Restoration
Primary Habitat Type:	Forest
Total Project Acres:	352
Total Project Sites:	7
Total Grant Amount Requested:	\$165400
Total Match Amount:	\$17660
Total Project Cost:	\$183060
Project Completion Date:	11/2011 (MM/YYYY)

Project Summary and Outcomes: Lake County Forestry seeks grant dollars to assist in the restoration of 352 off-site aspen acres, divided into seven stands, to a mature mixed hardwood and conifer forest. -Planting site preparation of 352 acres -Planting of 400 conifer trees per acre on 352 acres -Seedling protection via bud-caps

Attachments

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

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Conservation Partners Legacy Grant Program

Project Site Information

Contact information

Project name:

Organization:

Organization contact person (Project Manager):

Project information

Project site:

Project site land manager or easement holder: 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
Spring 2010	Planting Site Preparation		
Spring 2010	Plant Seedlings		
Fall 2010	Apply Seedling Protection		
Spring 2011	Monitor Seedling Survival		
Fall 2011	Apply 2 nd Round of Seedling Protection		

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

Lake County Forestry is the management agency for tax forfeited lands in Lake County Minnesota. We are responsible for managing approximately 140,000 acres of forested land. All Lake County tax-forfeited lands are open to the public for hunting, fishing and recreation. Lake County Forestry is a third party certified natural resource management organization and adheres to the ten Forest Stewardship Council (FSC) principles. FSC is an independent, non-governmental, not for profit organization established to promote the responsible management of the world’s forests.

Lake County Forestry is seeking \$165,400 grant dollars to assist in the restoration of 352 off-site aspen acres, divided into seven stands, to a mature mixed hardwood and conifer forest. The region these stands are located in are known for poor quality aspen. According to a Range of Natural Variation study, these aspen stands are in a sugar maple, mesic white/red pine, or lowland conifer area. Much of the area is classed as a Mesic Hardwood Native Plant Community. Assumedly, past silviculture and/or cultural activities resulted in the establishment of aspen. The resulting aspen stands are poor quality with high incidences of disease. Therefore, this area has been determined by Lake County Forestry as an area to promote species other than aspen. It is also a goal of Lake County Forestry to re-establish conifer species on the landscape. Combining what we know about this area and working in conjunction with DNR non-game wildlife and wildlife division, Lake County Forestry has set goals for the eastern half of Township 55, Range 10 and western half of Township 55, Range 9. Specifically the goals for this area are to move towards a mature mixed hardwood and conifer forest. This goal has many ecological benefits. Not only does it produce more timber, but also creates wildlife habitat that is missing from the North Shore area.

Typical to the rest of the country, Lake County Forestry has seen an approximate 57% less (\$206,000) in timber revenue compared with the last four years’ average. Because of the financial situation, we have suspended all tree planting activities. Without grant money we will not be planting any trees next spring. By receiving grant money we will be able to continue our reforestation and benefit wildlife by restoring habitat to its natural state.

The stands have been harvested of merchantable timber. The grant will provide funds for planting site preparation; 140,000 white pine, red pine, cedar, and spruce seedlings – all native to northeastern Minnesota; tree planting; and seedling protection. Matching funds will come from grant administration and administration of each activity.

Two of the seven stands have been harvested as part of a salvage cut. An ice storm severely damaged many aspen stands in the spring of 2009. In order to perpetuate a productive forest, these stands were harvested with the goal of converting them to a more suitable covertype.

Benefits:

-The stands are located in a fairly contiguous segment of public land. The area contains approximately 38,000 acres of public land, 5,000 of which are DNR managed land. The entire area will be managed with restoring conifer and maintaining a patchwork of mature forest as a main goal.

-By restoring conifer on the landscape, certain wildlife species will be benefited by restoring habitat that was present in pre-settlement days. A mixed coniferous mature forest provides multiple benefits for many species. Conifer provides

thermal cover for deer and moose. Mature trees provide nesting habitat for many bird species. Because this entire area will be managed similarly, a large contiguous area of public land will provide the necessary habitat for species such as the Northern Goshawk, a species of greatest conservation need.

-The project fits very nicely with other landscape goals. For example, as stated in Tomorrow's Habitat for the Wild and Rare: An Action Plan for Minnesota Wildlife (MNDNR, 2006), one of key habitats is upland coniferous red-white pine forests. The Northeast Regional Landscape Committee plan also lists moving towards the range of variability as goal.

-It has been suggested that converting aspen stands will help improve stream quality on a watershed scale.

-Aligning with the Minnesota Statewide Conservation and Preservation Plan recommendations, this land will always remain a large block of public land. Lake County Forestry's goal is to maintain large blocks of public land to avoid fragmentation.

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?

Lake County Forestry

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

Long term maintenance includes monitoring seedling survival and seedling release from competition. This is a regular part of Lake County Forestry operations.

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

Lake County Forestry funded through general revenue.

- d. Will the CPL funds supplant any existing funds?

The only way this project will get done is with grant dollars. Because of budget limitations, no projects such as these are planned within the budget. We do, however, have funds to administer the project!

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 project.

Signature: Nate Eide	Organization/ Agency: Lake County Forestry
Title: Forester/ GIS Specialist	Date: 11/3/09

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.

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:

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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

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Project site:

Project site land manager or easement holder: Legal :

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Project timeline:

Time frame	Goal	Time frame	Goal

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Signature: Nate Eide	Organization/ Agency: Lake County Forestry
Title: Forester/ GIS Specialist	Date: 11/3/09

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:	Lake County Forestry		
Title:	Assistant Land Commissioner	Date of meeting:	11/2/09
Phone:	218-834-8340	Proposal ID #:	
Email:	bill.nixon@co.lake.mn.us	(assigned by agency, optional)	

PROJECT INFORMATION:

Project Name:	Mixed Hardwood/Conifer Restoration	Organization:	Lake County Forestry
Contact Person:	Nate Eide		
Email:	nate.eide@co.lake.mn.us	Daytime Phone:	218-834-8340

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]	identify location and protect during activities
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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 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

- 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:	William B. Nixon
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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:	Mixed Hardwood/Conifer Restoration	
Organization:	Lake County Forestry	
Organization contact person (Project Manager):	Nate Eide	

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	\$68,640.00	\$35,200.00	\$35,200.00	\$139,040.00
Grant Administration				
Administration/ Environmental Compliance				
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies	\$26,400.00			\$26,400.00
Travel				
Additional Budget items				
Total	\$95,040.00	\$35,200.00	\$35,200.00	\$165,400.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount

Contract Details:

Contractor Name	Contracted Work	Amount
To be awarded on bid	Seedling Planting	\$28,160.00
To be awarded on bid	Site Prep	\$40,480.00
To be awarded on bid	Seedling Protection - two times	\$70,400.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount

Administration/ Environmental Compliance

Activity	Description	Amount

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

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Equipment/Tools/Supplies Details:

Item	Use	Amount
Seedlings	Planted	\$26,400.00

Travel Details:

Miles	Purpose	Amount

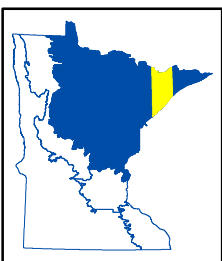
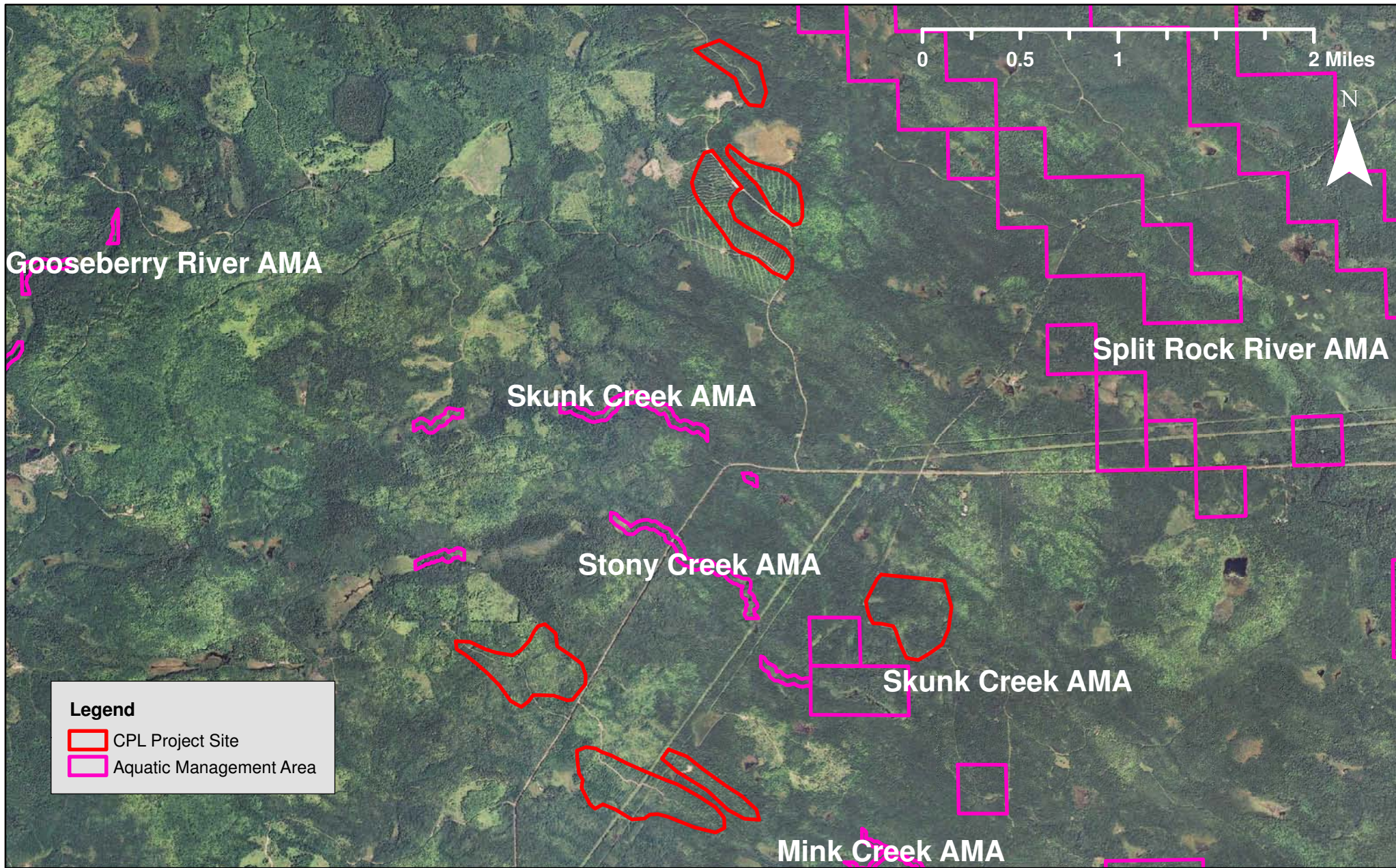
Additional Budget Items Details:

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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.

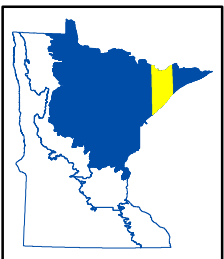
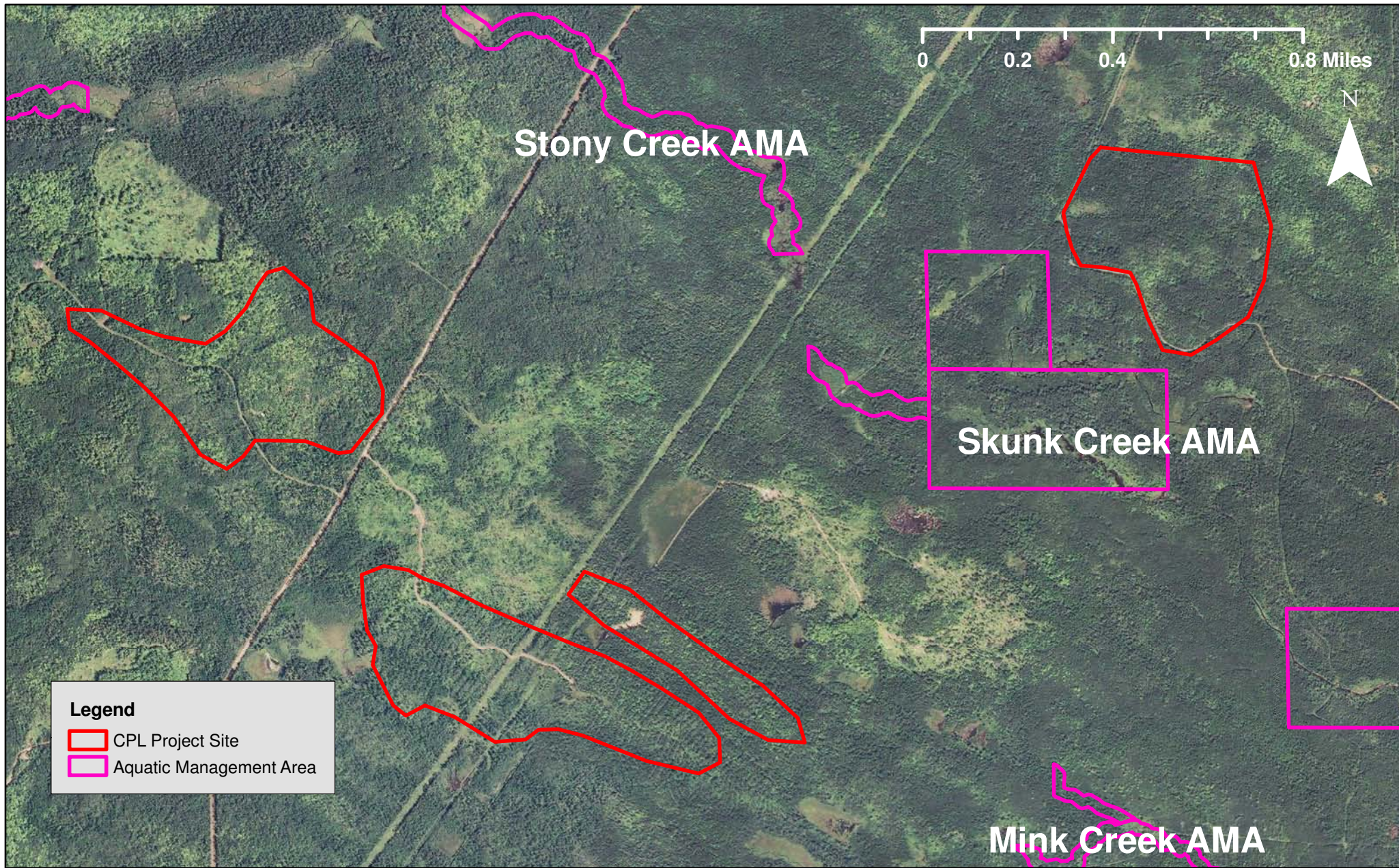
Source	Description	Units	Unit Rate	Total Value
Lake County Forestry	Contractor Administration and Seedling Monitoring @ \$29/hour	550	29	\$15,950.00
Lake County Forestry	Mileage to and from site @ estimated IRS rate of \$0.55 per mile	1000	.55	\$550.00
Lake County Forestry	Grant Administration @ \$29/hour	40	29	\$1,160.00

Matching description/ comments: if needed



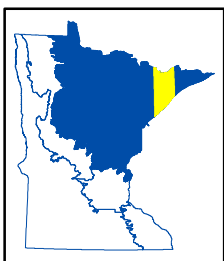
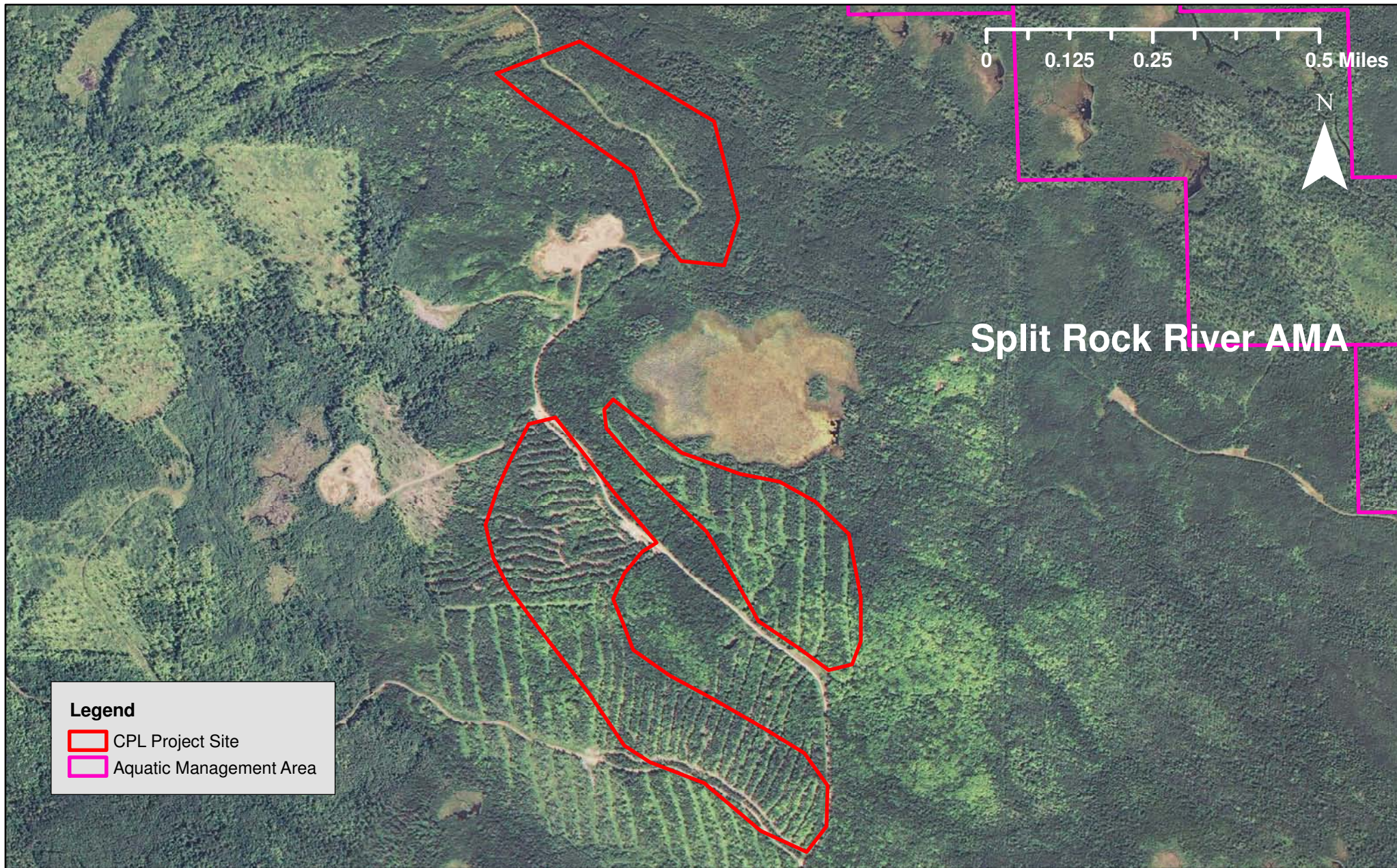
CPL100-112
 Mixed Hardwood/Conifer Restoration
 Lake County LSOHC Northern Forest Planning Section





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