

CPL1000041

Spreadsheet

Name and Contact

Project Identifier:	CPL1000041	Street Address 1:	1830 County Road B East
Project Name:	Joy Park Habitat Enhancement	Street Address 2:	
Organization Name:	City of Maplewood	City:	Maplewood
Organization Website:	www.ci.maplewood.mn.us	State:	MN
Organization Contact Person:	Virginia Gaynor	Zip Code:	55109
Contact Email:	virginia.gaynor@ci.maplewood.mn.us		
Contact Phone:	651-249-2416		

Location

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

Project Information

Primary Activity:	Enhancement
Primary Habitat Type:	Forest
Total Project Acres:	10
Total Project Sites:	1
Total Grant Amount Requested:	\$99000
Total Match Amount:	\$11000
Total Project Cost:	\$110000
Project Completion Date:	06/2012 (MM/YYYY)

Project Summary and Outcomes: Joy Park is a 50-acre park preserve on the shores of Silver Lake. It is a popular park for fishing, walking, and enjoying nature. Nesting waterfowl, song birds, and many species of fish and wildlife are seen at the park, but invasive species and other factors have degraded habitat. A canopy of mature oaks, areas of native woodland groundcover, and oak savanna species make the park an important candidate for habitat restoration and enhancement. This is one of the most diverse sites for woodland wildflowers in Maplewood and one of the few areas with savanna. This project will restore or enhance eight acres of oak woodland, two acres of oak savanna, three wetlands, and 500' of shoreline.

Attachments

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

[Back](#)

Conservation Partners Legacy Grant Program

Project Site Information

Contact information

Project name:
 Organization:
 Organization contact person (Project Manager):

Project information

Project site:
 Project site land manager or easement holder: Legal :

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 Private land owner County:
 (if applicable):

Activity (may choose more than one): Enhancement Restoration Acquisition
 Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat
 Activity quantity: Acres Miles Feet Structures Wetlands

Project Site #2, if needed.

Project site:
 Project site land manager or easement holder: Legal :

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 Private land owner County:
 (if applicable):

Activity (may choose more than one): Enhancement Restoration Acquisition
 Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat
 Activity quantity: Acres Miles Feet Structures Wetlands

Project Site #3, if needed. Use Additional Project Sites form if needed.

Project site:
 Project site land manager or easement holder: Legal :

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 Private land owner County:
 (if applicable):

Activity (may choose more than one): Enhancement Restoration Acquisition
 Predominant Habitat (choose one): Forest Prairie Wetland Fish, Game and Wildlife Habitat
 Activity quantity: Acres Miles Feet Structures Wetlands

Project timeline:

Time frame	Goal	Time frame	Goal
Spring 2010	Dormant spray oak savanna enhancement area	Spring 2011	Prescribed burn
Spring 2010	Girdle box-elder	Spring/Summer 2011	Spray herbaceous weeds
Summer/Fall 2010	Spray herbaceous weeds twice	Fall 2011	seed savanna areas
Summer Fall 2010	Remove invasive shrubs	Summer/Fall 2011	Plant woodland trees and shrubs
Summer/Fall 2010	Collect seed	Spring 2012	Plant woodland ground cover areas
Summer/Fall 2010	Restore shoreline: fix erosion, install biologs, seed, blanket, plant		

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

Joy Park is a 50-acre park and preserve on the shore of Silver Lake, in Maplewood, MN. The combination of natural resources and recreation facilities at the park make it an ideal site for habitat enhancement and for demonstrating and educating the public about conservation practices.

Joy Park enhancements are a top priority for the city. In 2008-2009 the city implemented Phase I of the Park Master Plan which includes: 1) reconstruction of the boat launch parking lot, 2) installation of five rain gardens, 3) installation of a section of the Lake Links Regional trail, 4) enhancement of three wetlands, and 5) restoration of 250' of shoreline, including installation of two fishing access points. The city will implement Phase II improvements for recreational amenities (trails, picnic shelters, and playground equipment) in 2010-2012. The Conservation Partners Legacy Grant will enable us to continue habitat restoration and enhancement activities.

The goals of this project are:

1. Enhance habitat for fish and wildlife by enhancing or restoring 10 acres of oak woodland, oak savanna, wetlands, and 500' of shoreline.
2. Create a demonstration site for a diverse, high-quality oak woodland. Many woodland restoration projects focus on removal of invasive shrubs but do not follow-up with seeding and planting. This project will result in increased diversity in all layers of the woodland.
3. Educate and engage the community in restoration and stewardship of natural areas.
4. Improve water quality on Silver Lake.

This project focuses on the ecologically most significant area of the park--10-acres of habitat on the south side of Joy Road. Waterfowl nest in the wetlands, and many types of birds, fish, and wildlife are seen. The woodlands have a healthy canopy of mature oak, but low diversity of tree species. Invasive shrubs and herbaceous weeds have degraded the woodlands and wetlands, and mowing has suppressed areas that were once savanna. Buckthorn was removed in 2002. It has regenerated but new saplings have not fruited so timing for habitat enhancement is ideal (we believe much of the viable buckthorn seed in the seedbank has germinated after seven years). Some areas of intact native ground cover remain including large areas of Pennsylvania sedge and bedstraw. In more open areas, savanna species such as harebells have been seen. Unique to the site is the remnant of Mrs. Joy's wildflower garden. The old garden has the most diverse mix of woodland wildflowers in Maplewood and includes species such as great trillium, Dutchman's breeches, [REDACTED] and bellwort.

Key project activities include:

1. Enhance 500' shoreline:
 - a. Repair and revegetate eroded areas,
 - b. Install coir rolls.
 - c. Seed, blanket, and plant plugs.
 - d. If water levels increase, plant emergent vegetation.
2. Restore or enhance two acres of oak savanna. Three strategies for enhancement will be used:

- a. Oak groves with intact native ground cover: spot treat invasive weeds and burn.
 - b. Oak groves with lawn: Spray lawn in early spring, burn, monitor weeds and natives, spray again if necessary, seed savanna species.
 - c. Areas with brome grass and tall herbaceous weeds: Mow, herbicide treatments, burn, seed with savanna species.
3. Enhance eight acres of mesic oak forest:
- a. Diversify the tree and shrub layers by planting trees and shrubs native to mesic oak forest.
 - b. Remove and manage invasive shrubs that have regenerated on the site, including buckthorn and honeysuckle.
 - c. In areas with native ground cover: spot treat invasive weeds.
 - d. In areas with degraded ground cover: Select most promising areas for enhancement. Spot treat with herbicide and brushcutting. Seed and plant. Due to the expense of native woodland plants, one of the groundcover planting areas will be planted as a nursery to provide plant material that can be divided and used on the site in future years. Species such as Pennsylvania sedge will be divisions collected from the site. Some seed will be collected locally.
 - e. Conduct prescribed burn in woodlands.
4. Restore 0.1 acre hardwood seepage forest. Reed canary grass makes it difficult to restore one area of emergent marsh adjacent to the parking lot and we believe trees and shrubs will be more successfully restored here than herbaceous plants. We will herbicide weeds and then plant trees and shrubs.
5. Enhance wetlands. Three western wetlands underwent enhancement in 2008-2009. This project will enhance the eastern wetlands. Strategies will include mowing and herbicide treatment of reed canary. We will monitor the wetlands to see if native plants rebound naturally with suppression of reed canary. If they do not, we will seed the wetland edges with native seed.

All seed and plants used in the project will be local ecotype. Seeding and planting lists will be developed using DNR information on Minnesota native plant communities. There is one rare plant species on the site. It is located in a wetland on the site that is not included in this project and will not be impacted by project activities.

Joy Park is in the St. Paul Baldwin Plains and Moraines ecological subsection. This grant proposal will enhance or restore three key habitats listed for this subsection: shoreline, oak savanna, and upland deciduous hardwood forest. The project fulfills several State Conservation Plan recommendations for habitat (H1, H2, H5, H7) and for land use (LU3).

Habitat enhancement at Joy Park has strong community support. The site master plan, developed through a community process and approved by Maplewood City Council, calls for restoration and enhancement of the park's natural areas. Residents have encouraged the city to protect and enhance the natural resources on this site and to improve water quality. Anglers use the site and a 2009 shoreline project is providing two access points for fishing. Phase I Park Improvements have been well-received and Maplewood City Council and residents support continued efforts.

Valley Branch Watershed District is Maplewood's partner on this project and will provide technical expertise, half the cash match, and assistance with volunteer and education events. Maplewood Nature Center staff will coordinate volunteers in seed collecting and planting.

Maplewood has received and successfully completed and complied with many grants, including four grants to enhance or restore natural resources, and two natural resources planning grants.

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.

N/A

- b. What short- and long-term work is required to manage the land you acquire?

N/A

2. For enhancement/ restoration projects on public lands:

- a. Who is/will be the long-term manager for the project site?

Virginia Gaynor, Natural Resources Coordinator

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

Short-term maintenance will include monitoring the site and managing woody and herbaceous weeds. Long-term maintenance will include monitoring, spot weed control, and occasional burning the site every 5-15 years.

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

Overseeing maintenance will be the responsibility of the city's Natural Resources Coordinator. The work will be done by the city's parks crew, gardener, volunteers, and contractors. Maintenance will be funded by city operating expenses. Since 1999, the city has had dedicated funding annually for maintaining our natural areas.

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

No.

As required by 2009 MN Session Law, Chapter 172 subd. 10 (8), "any agency or entity receiving an appropriation must, for any project funded in whole or in part with funds from the appropriation, give consideration to and **make timely written contact with the Minnesota Conservation Corps** for consideration of possible use of their services to contract for restoration and enhancement

services". Contact MCC at cplg@conservationcorps.org, or email a copy of this form to the same address. For more information on costs, crew capabilities, etc., visit MCC's website at <http://www.conservationcorps.org/useacrew.html>.

Signature:

I certify that I have read the Conservation Partners Legacy Grants Program **Request for Proposal, Program Manual** and other program documents, and have discussed this project with the appropriate public land manager, or private landowner and easement holder. I am authorized to apply for and manage these grant and match funds, and the project work by the organization or agency listed below. I have made timely written notification to MCC regarding my project.

Signature: Virginia Gaynor	Organization/ Agency: City of Maplewood
Title: Natural Resources Coordinator	Date: October 23, 2009

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 Information

This form is for use by **Public Land Manager** or **Easement Holder** of lands where the proposed project will be occurring. This will serve as record of a meeting between the land manager or easement holder and the applying organization's representative. Please review the application brought to you by the organizations thoroughly, as this approval form is being required as part of a complete application. Those projects without this completed form submitted by 5pm CST on November 3, 2009 will not be considered during the first round of awards. Note that the Proposal ID# is an optional blank; if your agency or office routinely assigns numbers to projects, feel free to fill this in to keep your own records.

Applicants should be meeting with you to talk about their proposed projects with their **Project Planning Form** complete and ready to be reviewed. This includes a simple budget to help the applicants begin thinking about all of the costs that could be associated with the projects. Please use your expertise to help these groups realistically think about their project and costs.

The completion of this form is the appropriate point where any concerns or questions regarding the proposed project should be raised with the applicant. This form will also serve as record of those questions and concerns; applications will be carefully reviewed to make sure those concerns or questions were addressed by the organization. Those applications that do not address any areas you note on this form will not be considered; efforts will be made to make the organizations and managers or easement holders aware of the discrepancy and the need to re-apply for future available grant funds.

This form may also be used to **decline the proposed project** as presented **due to workload or staffing issues**. Please note in the comment section what additional offices were contacted to request staffing assistance to help complete this project. Managers or easement holders also have the ability to **deny a proposed project** based on faulty reasoning behind the project, lack of knowledge of topic by applicant, previous experience/ history with the applicants, project outside of the Management Plan for the land, etc.; please note your reasons within the comment section of the form. You may also decide to kick the application up to a higher level to make any sensitive determinations. The name and phone for this higher level review should be indicated (if necessary) at the final step of this form and a copy of the Project Planning form and your completed Review and Approval form should be sent for review as soon as possible. A copy of this form does not need to be supplied to the applicant at the time of the meeting.

There is a required Natural Heritage Database review for all work being performed on CPL projects. Public Land Managers with proper training have access to this database and should be performing this review at the time of their meeting with the applicant. Providing feedback on minimization techniques or avoidance times will be important information for the applicant. Any feature that occurs within one mile of the project site needs to be addressed on the final application; be sure to go over all of these occurrences regardless of impact by project. For those land managers or easement holders without access, please forward your completed review form to LCPLGrants.DNR@state.mn.us with "**Heritage Database Review Needed**" in the subject line. CPL staff will make initial reviews and provide the feedback necessary to the applicant.

This form needs to be received by CPL staff no more than 3 days after your meeting with the applicant or no later than **October 25th, 2009 at 5pm CST if a Heritage Review is required**. The deadline for complete submission is November 3, 2009 at 5pm CST and without this form any applications received will be regarded as incomplete and will not be considered for this round of funding.

Please contact [Leslie Tannahill](tel:651-259-5242) (651-259-5242) or [Jamie Gangaware](tel:651-259-5174) (651-259-5174) for further information or help with this approval process, or email LCPLGrants.DNR@state.mn.us for general information.

CPL Project Application Review and Approval Form

REVIEWER INFORMATION

Land manager/ easement holder name:	DuWayne Konewko		
Title:	Director Community Dev and Parks	Date of meeting:	October 22, 2009
Phone:	651-249-2330	Proposal ID #:	
Email:	duwayne.konewko@ci.maplewood.mn.us	(assigned by agency, optional)	

PROJECT INFORMATION:

Project Name:	Joy Park Habitat Enhancement	Organization:	City of Maplewood
Contact Person:	Virginia Gaynor		
Email:	virginia.gaynor@ci.maplewood.mn.us	Daytime Phone:	651-249-2416

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:CPLStaff@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:	DuWayne Konewko
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Comments: **This project is on City of Maplewood land and the grant applicant is the City of Maplewood. The city requests assistance with a Natural Heritage Database review.**

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:

Joy Park Habitat Enhancement

 Organization:

City of Maplewood

 Organization contact person (Project Manager):

Virginia Gaynor

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

Budget Item	Fiscal Year 2010	Fiscal Year 2011	Fiscal Year 2012	Total
Personnel	\$3,000.00	\$2,000.00	\$0.00	\$5,000.00
Contracts	\$60,000.00	\$15,000.00	\$5,000.00	\$80,000.00
Grant Administration				
Administration/ Environmental Compliance	\$1,600.00	\$600.00		\$2,200.00
Fee Acquisition				
Easement Acquisition				
Easement Stewardship				
Equipment/Tools/Supplies	\$5,000.00	\$15,000.00	\$2,800.00	\$22,800.00
Travel				
Additional Budget items				
Total				\$110,000.00

DETAILS: detail the amounts listed in the above table.

Personnel Details:

Name	Title	Amount
Naturalist	Naturalist	\$5,000.00

Contract Details:

Contractor Name	Contracted Work	Amount
TBD	500' Shoreline enhancement, including all materials, seed, plants (see detail below)	\$40,000.00
TBD	Woodland, savanna, wetland enhancement, including weed removal and site prep (see detail below)	\$40,000.00

Grant Administration:

Administrative Activity	Description/ Amount	Amount
N/A	Provided by staff, but not included in grant costs	

Administration/ Environmental Compliance

Activity	Description	Amount
Compliance	Compliance with environmental permits	\$2,200.00

Fee Acquisition/ Easement Acquisition/ Easement Stewardship Details:

N/A

Equipment/Tools/Supplies Details:

Item	Use	Amount
Plants	Plant material and seed for woodlands, savanna, and wetlands	\$22,800.00
	All other materials are covered under contractor costs.	

Travel Details:

Miles	Purpose	Amount

Additional Budget Items Details:

Contractor cost for shoreline restoration is based on 500' @ \$80/linear foot and includes all materials (coir rolls, seed, blanket). This figure is based on a bid recieved for the 2009 shoreline project at the site.

Contractor costs for woodland, savanna, and wetland restoration are based on 10 acres @ \$4000/acre. This includes removing woody and herbaceous weeds, burning site, and preparing site for planting. Groundcover species will only be seeded or planted in the areas with best weed suppression.

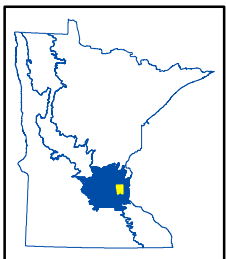
Woodland, savanna, and wetland planting will be done by volunteers. These volunteer labor costs are not included in the grant budget and reimbursement will not be requested for this. We anticipate at least 400 hours of volunteer service on this project.

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
City of Maplewood	Cash			\$5,500.00
Valley Branch Watershed District	Cash			\$5,500.00

Matching description/ comments: if needed

Partners will provide a cash match. In addition, many in-kind services will be used on this project, but not included as a match, including staff time for project management and some work on the land (estimated at 200 hours), and volunteer labor for seed collecting, dividing plants, and planting.



CPL100-041
Joy Park Habitat Enhancement
Ramsey County, LSOHC Metropolitan Urbanizing Area Planning Section





Conservation Partners Legacy Grant Program
Natural Heritage Database Review
October 22, 2009

Virginia Gaynor, City of Maplewood,

We have received your request for a Natural Heritage Database Review specific to your Conservation Partners Legacy Grant application, titled Joy Park Habitat Enhancement. The following information is the result of that review, completed for the project location(s) within your proposed project.

There is one species recorded within one mile of your project site, Joy Park. [REDACTED]
[REDACTED] As we have discussed via email and phone conversation, the above described project includes invasive species removal, Rx burning, seeding, planting and shoreline restoration. As the species above is an aquatic species, the invasive species removal and shoreline restoration have the highest potential for impact on this plant.

As described, the project's main focus is woodland and grassland invasive species, in which these removal activities should have no impact on the aquatic systems within your project site. The shoreline restoration planned is to be done exclusively on the lakeshore within the project site, which [REDACTED]
[REDACTED]
[REDACTED]

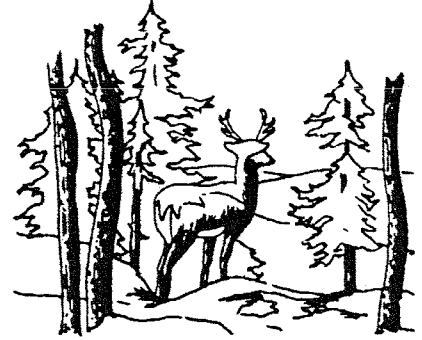
You have mentioned a botanist available in the area; it is suggested (for your own knowledge and species protection) that you ask the botanist to look at any potential sites a [REDACTED]
[REDACTED] While it would not impact the overall project, it could help develop strategies to perform work during dormant periods for this plant species if it occurs in additional areas.

Please note:

- This review only applies to the Conservation Partners Legacy Grant Program application referenced above.
- This information has no bearing on any related permits or projects not covered under the request for review.
- This information will not be valid after March 1, 2010. The only use of this data is to record potential impacts and minimization or avoidance techniques for any Natural Heritage Database records found in or within 1 mile of the listed project site(s).

Please contact CPL Grant staff at LSCPLGrants@state.mn.us with any questions. Thank you for your interest in the CPL Grant Program.

CONSERVATION PARTNERS LEGACY GRANT
PROGRAM
PARTNER COMMITMENT LETTER



What is the name of the project that you are contributing to, and who is the applicant?

Joy Park Habitat Enhancement

What is the name of your organization (private landowners use "Private Landowner")?

Valley Branch Watershed District

When will you make the contribution?

As the project is implemented (between 2010 - June 2012)

What is the value of your contribution and how did you determine the value?

Does the contribution have a non-state origin?

Valley Branch Watershed District will provide up to \$5500 for the project. In addition, the Valley Branch Watershed District is willing to provide in-kind services to help Maplewood staff answer technical questions and engage and educate residents about Silver Lake, water resources, and habitat restoration.

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

Valley Branch Watershed District funding is not dependent on fundraising or future action. Valley Branch Watershed District is committed its approved contribution.

Signature:

Printed Name, Title, and Affiliation:

John P. Hanson, Engineer, Valley Branch Watershed District

Date Signed:

October 23, 2009



LINCOLN FETCHER • DAVID BUCHECK • DONALD SCHEEL • DALE BORASH • RAY LUCKSINGER

VALLEY BRANCH WATERSHED DISTRICT • P.O. BOX 838 • LAKE ELMO, MINNESOTA 55042-0538

www.vbwd.org