

Lacey Creek Restoration Management and Stewardship Activities is a comprehensive project that consists of invasive weed management, enhancement planting of native plants, mow management, and burn management, of a 4,770 foot corridor of stream bank. The primary goals and objectives of the Lacey Creek wetlands and stream corridor restoration project are:

- Restoration and maintenance of the ecological health of the stream system through the incorporation of a variety of stabilization and restoration measures designed to reduce problems associated with both point and non-point source pollution.
- Enhancement of water quality.
- Reduction of the hydrologic effects of surface water runoff.
- Re-vegetation of wet and mesic prairie and woodland habitat in the ambient lands surrounding the ponds.
- Restoration of the biological diversity to the aquatic and adjacent terrestrial resources including restored fish spawning habitat.
- Providing important public education and interpretive opportunities that communicate the multiple benefits of watershed preservation and restoration.

The success of the wetland restoration and habitat improvement project will be evaluated annually. Monitoring protocol will include a site walkover of the wetland mitigation area to assess the general site conditions. Vegetation will be sampled via site inventories and along permanent vegetation transect lines, as well as a general inventory of observed wildlife within the perimeter of the enhanced wetland habitat. This information will be used to evaluate the success of the wetland mitigation effort with respect to native hydrophytic species establishment and diversity. It is anticipated that oversight of the wetland mitigation/enhancement activities will initially be done twice monthly in order to identify remedial actions required during the first growing season.

The tangible improvements of this overall project will include better water quality in the steam corridor, reduction of erosion, and improved wildlife habitat. Equally important, the project will serve as a demonstration to educate the community of the importance of a healthy watershed.

ATTACHMENT:

Attachment 1: Resolution

Attachment 2: Grant application

RECOMMENDATION:

The approval of this grant application by resolution is recommended and a copy of the resolution is attached for your review.

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING SUBMITTAL OF GRANT APPLICATION TO THE
ILLINOIS DEPARTMENT OF NATURAL RESOURCES**

WHEREAS, the Village of Downers Grove, an Illinois municipal corporation has developed a grant application Conservation 2000 for funding in the total amount of \$10,000.00 to support Lacey Creek Restoration Management and Stewardship Activities; and

WHEREAS, the Village Council has reviewed said grant application and authorized the filing of said application with the Illinois Department of Natural Resources.

NOW, THEREFORE, be it resolved by the Council of the Village of Downers Grove, DuPage County, Illinois, as follows:

1. That the Village of Downers Grove submit the Conservation 2000 Grant application of the Village of Downers Grove in the amount of \$10,000.00 to support Lacey Creek Restoration Management and Stewardship Activities to the Illinois Department of Natural Resources.
2. That this resolution shall be in full force and effect from and after its passage as provided by law.

-

Mayor

Passed:

Attest: _____
Village Clerk



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* Required Fields

*Ecosystem Partnership: DuPage River Coalition

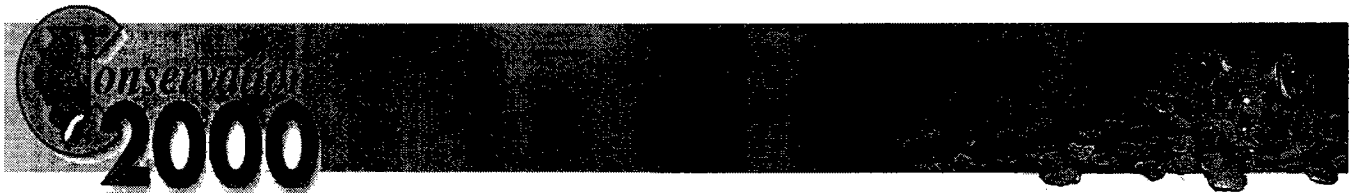
Applicant Information (Grantee if awarded) ?

*First Name: Riccardo
*Last Name: Ginex
*Organization: Village of Downers Grove
*Mailing Address 1: 801 Burlington Avenue
Mailing Address 2:
*City: Downers Grove
*State: IL
*Zip: 60515
*Telephone Number (xxx-xxx-xxxx): 630-434-5524
FAX Number (xxx-xxx-xxxx): 630-434-5571
*E Mail: RGinex@vil.downers-grove.il.us

Project Manager (Contact person on applicant)

First Name: Michael
Last Name: Baker
Organization: Village of Downers Grove
Mailing Address 1: 801 Burlington Avenue
Mailing Address 2: 801 Burlington Avenue
City: Downers Grove
State: IL
Zip: 60515
Telephone Number (xxx-xxx-xxxx): 630-434-6877
FAX Number (xxx-xxx-xxxx): 630-434-5571
E Mail: MBaker@vil.downers

Save/Continue



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Project Information

***Project Title:** Lacey Creek Restoration Management and Stewardship Activities

*Project Location:	DuPage	Township: Downers Gro	Range: 11E	Section: 31
	Select A County	Township:	Range:	Section:
	Select A County	Township:	Range:	Section:
	Select A County	Township:	Range:	Section:

***Project Abstract**
(350 Characters -
Approximately 50
Words):

The Village of Downers Grove seeks support toward year two of its five year maintenance program that consists of invasive weed management, enhancement planting of native plants, and mow and burn management of the 4,770 ft. corridor of Streambank restoration of

Lacey Creek

***Project Description**
(3000 Characters -
Approximately 425
Words):

***Project Start Date**
(mm/dd/yyyy): 1/1/2004

***Project End Date**
(mm/dd/yyyy): 12/31/2007

Save/Continue

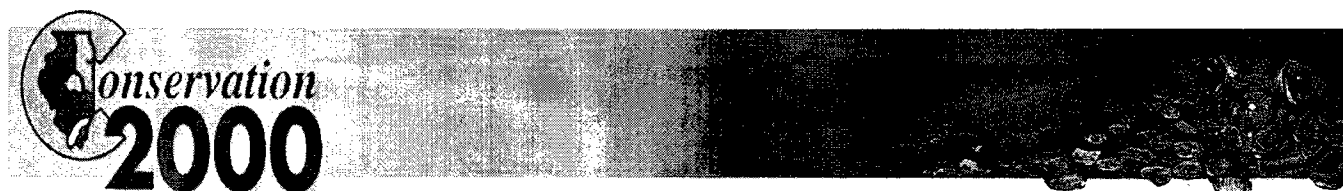
Lacey Creek Restoration Management and Stewardship Activities, is a comprehensive project that consists of invasive weed management, enhancement planting of native plants, mow management, burn management, and weed management, of a 4,770 foot corridor of stream bank. The project is located adjacent to Highland Avenue in the Village of Downers Grove.

Grant funds were used to complete phases one and two of our streambank stabilization project. The scope of work included design specifications for the stabilization of approximately 3,150 feet of eroding streambank along Lacey Creek using bioengineering techniques, the establishment of a 25 foot wide riparian buffer of native vegetation along said segment, and the retrofit of an existing instream pond to restore a wetland system for improved pollutant removal and enhanced habitat conditions.

The primary goals and objectives of the Lacey Creek wetlands and stream corridor restoration project are to restore and maintain the ecological health of the stream system through the incorporation of a variety of stabilization and restoration measures designed to reduce problems associated with both point and non-point source pollution, to enhance water quality, reduce the hydrologic effects of surface water runoff, re-vegetation of wet and mesic prairie and woodland habitat in the ambient lands surrounding the ponds, restore biological diversity to the aquatic and adjacent terrestrial resources including restored fish spawning habitat, increase the aesthetic quality of the riparian corridor and provide important public education and interpretive opportunities that communicate the multiple benefits of watershed preservation and restoration. These goals have been met by the use of bioengineering techniques along the main tributary of the Creek. The restored stream system effectively links the Lyman Woods Preserve system with the Hidden Lake Forest Preserve and the East Branch of the DuPage River creating an extensive contiguous open space system.

Our restoration effort can serve as a role model for other urban, suburban, and rural stream system restoration projects throughout the State of Illinois. The tangible improvements of this overall project will include better water quality in the stream corridor, reduction of erosion, and improved wildlife habitat. Equally important, the project will serve as a demonstration to educate the community on the importance of a healthy watershed.

The success of the wetland restoration and habitat improvement will be evaluated annually via the required 5-year monitoring pursuant to the DuPage County Development and Environmental Concerns. Funding of this project will allow the project to move to the next level: management of the work that has already been completed, as well as enhancement planting of native plants.



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Partnership Goals

- *Goal 1: Develop and implement actions that protect, conserve, restore, and maintain the ecological integrity of Lacey Creek
- Goal 2: Restore biological diversity to the aquatic and adjacent terrestrial resources including restored fish spawning habitat
- Goal 3: Reduce the hydrologic effects of surface water runoff and re-vegetation of wet and mesic prairie and woodland habitat surrounding the ponds.

Program Guidance

*Please select one or more "Program Guidance" items from the list on your left that your proposal is designed to address:

- | | |
|--|--|
| <input type="checkbox"/> High Quality Natural Resources | <input type="checkbox"/> Minimum functional Habitat Areas; Species "Guilds"; Habitat Diversity |
| <input checked="" type="checkbox"/> Buffer to Protect Sensitive Habitats | <input checked="" type="checkbox"/> Connect Habitat Areas |
| <input checked="" type="checkbox"/> Ecosystem-Based Best Management Practice's | <input checked="" type="checkbox"/> Restore and Naturalize Hydrologic Functions |
| <input checked="" type="checkbox"/> Complementary Educational Strategies | <input type="checkbox"/> Research and Monitoring Integratio |
| <input checked="" type="checkbox"/> Local, State and Federal Program Integration | |

Save/Continue



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Quarterly Tasks - Please enter at least one quarterly task:

*Oct 1 - Dec 31, 2003:	Mow Management, Burn Management of noxious weed
*Jan 1 - Mar 31, 2004:	Seeding-Riparian and Prairie
*Apr 1 - Jun 30, 2004:	Mow Management, Shrub/Tree Planting in Riparian Er
*Jul 1 - Sep 30, 2004:	Mow Management
*Oct 1 - Dec 31, 2004:	Mow Management, Burn Management of noxious weed
*Jan 1 - Mar 31, 2005:	Seeding-Riparian and Prairie
*Apr 1 - Jun 30, 2005:	Mow Management, Shrub/Tree Planting in Riparian Er
*Jul 1 - Sep 30, 2005:	Mow Management
*Oct 1 - Dec 31, 2005:	Mow Management, Burn Management of noxious weed
Specify Period :	

Anticipated Results - Please complete the applicable performance measures for the project :

	Wetland (Acres)	Prairie (Acres)	Forest (Acres)	Stream (Feet)	Lakes (Acres)	Riparian (Acres)	Soil Saved (Tons per Acre per Year)
Habitat Restoration:	1	0	0	4770	0	3	0
Monitoring (# of Sites):	1	0	0	4770	0	3	0

Teachers Trained Students Educated Volunteers Enlisted Landowners Contacted Local Officials Contacted

People:



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Land Acquisition

*Will the project involve acquisition of land? Yes No (if "no", go to Land Disturbance A

If "Yes" will it be (choose one): Fee Simple Acquisition Permanent Easement 30 - Ye

Does there exist public access for ingress and egress to the parcel being acquired fee simple or being encumbered by conservation easement? Yes No - Please explain:

Has this property been encumbered by a federal or state program? Yes No

If "Yes" please describe (not more than 255 characters - approximately 35 words.):

Are there any pre-existing real estate purchase agreements encumbering the property? Yes No

If "Yes" please explain (not more than 255 characters):

Land Disturbance Activities

*Will there be land disturbance? Yes No (if "No" go to next section)

If "yes" does land disturbance involve heavy equipment? Yes No

What type(s) of equipment:

Does land disturbance involve tree removal? Yes No

If there is tree removal, describe dominant tree cover, number, and average size of trees being removed (diameter, base, and height):

Will there be in-stream construction? Yes No

Estimate duration and timing (season) of channel disturbance:

Will there be designated borrow and deposition sites for soil? Yes No

Describe locations and show clearly on map:

Will wetland or water retention structures be constructed? Yes No

Detail depth of excavation and estimated water depth:

Save/Continue



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 [Commodity](#) >
 [Contractual](#) >
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Processed Budget

	Total Project Costs	C2000 Funds Being Requested	Matching F
Personnel	\$0.00	\$0.00	\$0.00
Equipment	\$0.00	\$0.00	\$0.00
Commodities	\$0.00	\$0.00	\$0.00
Contractual Services	\$20,550.00	\$10,000.00	\$10,550
Acquisition/Easement	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$20,550.00	\$10,000.00	\$10,550

Matching Fund Sources

Please identify sources of matching funds totalling \$10,550.00

Source:	<input type="text" value="Village Operating Budget"/>	<input style="border: none; background-color: #ccc; padding: 2px 5px;" type="button" value="?"/>	Amount (\$):	<input type="text" value="10550"/>
Source:	<input type="text"/>	<input style="border: none; background-color: #ccc; padding: 2px 5px;" type="button" value="?"/>	Amount (\$):	<input type="text" value="0"/>
Source:	<input type="text"/>	<input style="border: none; background-color: #ccc; padding: 2px 5px;" type="button" value="?"/>	Amount (\$):	<input type="text" value="0"/>
Source:	<input type="text"/>	<input style="border: none; background-color: #ccc; padding: 2px 5px;" type="button" value="?"/>	Amount (\$):	<input type="text" value="0"/>