

Main Request for Funding Form
Lessard-Sams Outdoor Heritage Council
Fiscal Year 2012

Program or Project Title: Metro Big Rivers Habitat Phase 2

Funds Requested (\$000s)	Funding Request	OHF Out-Year Projections of Needs		
	FY 2012	FY 2013	FY 2014	FY 2015
Outdoor Heritage Fund	\$ 5,170,558	0	0	0

Manager's Name: Deborah Loon
Organization: Minnesota Valley National Wildlife Refuge Trust, Inc.
Street Address: 2312 Seabury Avenue
City Minneapolis State MN Zip: 55406
Telephone: 612-801-1935
E-Mail: DebLoon@comcast.net
Organization Web Site: www.mnvalleytrust.org

County Location: *[Only need to enter on web form.]*

Ecological Planning Regions:

- Northern Forest
 Forest/Prairie Transition
 Southeast Forest
 Prairie
 Metro/Urban

Activity Type:

- Protect
 Restore
 Enhance

Priority Resources addressed by activity:

- Wetlands
 Forests
 Prairie
 Habitat

Project Abstract

Metro Big Rivers will protect 750 acres, restore 41 acres and enhance 130 acres of priority wildlife habitat within the three big rivers corridors in the Metropolitan Urbanizing Area.

Project Narrative

Design and scope of work

In this second project phase, Metro Big Rivers will permanently protect 750 acres, restore 41 acres and enhance 130 acres of high quality wildlife habitat and fisheries in the Metropolitan Urbanizing Section with Outdoor Heritage Funds. Using other leveraged funds, the partners will protect at least 129 additional acres, for a total of 879 acres protected in the three river corridors in the Metro Urbanizing Section.

Metro Big Rivers will meet two LSOHC priorities for the Metro Urbanizing Section:

- Protect habitat corridors, with emphasis on the Minnesota, Mississippi and St. Croix rivers
- Protect, enhance and restore remnant native prairie, Big Woods forests and oak savanna with an emphasis on areas with high biological diversity.

The partners of Metro Big Rivers for this phase of the project are five established and experienced conservation organizations – Friends of the Mississippi River, Great River Greening, Minnesota Land Trust, Minnesota Valley National Wildlife Refuge Trust, Inc., and Trust for Public Land. Each of these organizations has a solid track record completing the type of work proposed, both independently and collaboratively. Their proposed work is described below.

Priorities are set by the partners to meet the plans discussed in the next section of this proposal and in collaboration with the governmental agencies that will be the final stewards, where applicable. Partner-specific prioritization is included in the following project descriptions.

of the Mississippi River (FMR) will conduct restoration and enhancement activities on ... acres at three high priority sites in Dakota County. All of these sites were identified as being ecologically important by two or more separate and independent science-based planning processes, which also included public-input components. As a result, each of the proposed sites not only contains important habitat and other ecological values, they also benefit from the support of local communities.

One site is within the Gores Pool Wildlife Management Area, one is privately owned, and the third is a unique combination of both public and private. All private lands in this proposal are permanently protected by conservation easements held by Dakota County or the Minnesota Department of Natural Resources. All properties are connected to other important natural areas, build on existing restoration projects, and are within the Metro Conservation Corridors.

Gores Pool Wildlife Management Area Freitag Tract -- FMR will restore 4 acres of prairie and 15-acres of wet meadow. In addition we will enhance 49 acres of floodplain and upland forest by removing exotic invasive woody plants. The former Freitag property in Hastings, now a state-owned Wildlife Management Area and Aquatic Management area was identified in the City of Hastings Greenway Plan, the Mississippi River Greenway Plan, the Dakota County Farmland

and Natural Area Plan, Metro Conservation Corridors and by the Minnesota Department of Natural Resources as ecologically significant and as a priority to protect. Gores Pool WMA is a 6,449 acre complex of floodplain forest, marshland and backwater along the Mississippi River and Vermillion River Bottoms. Most of the area is designated as outstanding biodiversity significance and constitutes one of the largest expanses of floodplain native plant communities in southeast Minnesota. It is also one of the top four sites in the state for rare forest birds. The Freitag Tract was purchased in 2008 by the DNR in partnership with Dakota County and the City of Hastings. Since this time, FMR developed a Natural Resource Management Plan and has begun working with the DNR's Area Wildlife Manager on habitat restoration and enhancement activities on 70 acres of this 300-acre site.

Gelhar/Emrick property -- FMR will restore 22 acres of prairie and conduct exotic invasive plant removal to enhance an additional 9 acres of savanna. This property is within a Metro Conservation Corridor and identified by the Dakota County Farmland and Natural Area Program (FNAP). Located on the bluffs above the Vermillion River Bottoms and Mississippi River, restoration of this property would add to that existing natural area that is of great significance for native wildlife. This 31-acre site was permanently protected in 2009, by a conservation easement through the FNAP. FMR developed a Natural Resource Management Plan for this site in 2009. Partners include the landowner and Dakota County.

Rosemount Wildlife Preserve -- FMR will enhance a restored 8-acre prairie and 16 acre forest with treatment of exotic invasive species and prescribed burns. This 24-acre site is located in north-central Rosemount and contains prairie, woodland and a pond. The property is within a Metro Conservation Corridor and the Northern Dakota County Greenway. It was also identified by the Dakota County Farmland and Natural Area Program as ecologically significant and worthy of protection. FMR developed a Natural Resource Management Plan for the site and has been steadily working at implementing it over the last five years. Partners in this project include a private landowner and the City of Rosemount.

River Greening (GRG) will enhance over ten acres of land at targeted sites along the northern bank of Crosby Lake to improve water clarity and fish habitat in 48 acres of this important recreational lake in the City of St. Paul, Ramsey County.

Crosby Lake is one of a limited number of large metro area waterbodies. It is located within the floodplain of the Mississippi River and is part of a complex of wetland and forested areas associated with the Mississippi River Valley. Since 2005, water clarity has declined and chlorophyll-a has increased in Crosby Lake, negatively affecting fish habitat for one of the most popular and accessible urban lakes. Crosby Lake and associated Mississippi River are fish habitat for , crappie, pike, perch, , carp, and .

The declining quality of fish habitat in Crosby Lake has been noted as an issue in three plans developed with government and citizen involvement: *The Crosby Lake Management Plan, Work Plan, the Crosby Farm Regional Park Ecological Inventory and Restoration Management Plan, and the Crosby Park Bluff Trail Study*. GRG will utilize state-of-the-art bioengineering strategies

to correct areas of erosion and protect 32 fish, 18 mollusk, 6 reptile, 4 amphibian species identified during a 2009 BioBlitz survey.

At 736 acres, Crosby Farms Regional Park is the largest natural park in the Saint Paul system of parks and is an important component in a string of parks that protects the biodiversity of the Mississippi River corridor through the Twin Cities. When the Mississippi River floods, fish and other aquatic animals gain access to Crosby Lake and Upper Lake, which act as nurseries for their offspring.

The size of the surrounding Crosby Farms Regional Park, its diversity of life, many recreational opportunities, and easy access makes this one of the most popular parks in the metro region. The park contains 6.7 miles of paved trails and is connected to Fort Snelling State Park and other parks in the vicinity by an extensive trail system.

The Minnesota Land Trust (MLT) will protect 300 acres through conservation easements on 2 or 3 parcels in the Northwest Metro Mississippi River corridor.

The Mississippi River is a resource of vast natural, cultural, and economic importance to the state of Minnesota. The Mississippi flyway is an important migration corridor for roughly 40 percent of the country's migratory birds and waterfowl, and River backwaters provide critical nesting, spawning, and other habitat for both aquatic and terrestrial animals. In particular, the 58-mile stretch through the northwest Metro from Anoka to St. Cloud is known for its exceptional wildlife habitat and is popular for boating, canoeing, fishing, hunting, and other water-based recreational activities. While several popular game fish species are found in this stretch of the Mississippi, it is especially prime habitat for smallmouth bass.

Today, much of this stretch of the Mississippi River remains in a natural condition, with the forested shoreline of the River and its tributaries intact. This condition is increasingly threatened, however, due to the fact that this stretch of the Mississippi Corridor parallels one of the state's highest growth areas – the Interstate 94 corridor from the Twin Cities to St. Cloud.

In order to preserve this important icon of Minnesota's natural heritage, the Minnesota Land Trust proposes to expand its efforts in Protecting Habitat in the Northwest Metro Mississippi Corridor to protect riparian habitat as well as critical linkages between important areas of core habitat, like the Sherburne National Wildlife Refuge, and the River itself. These linkages contain a mosaic of oak savanna, Big Woods, wetland, and grassland habitats.

This project will build on the Land Trust's experience and more than 15 permanent conservation easements already in place within the Northwest Metro Mississippi Corridor. It also builds on the significant public investment in habitat protection in this area, which includes several WMAs, Sand Dunes State Forest, Lake Maria State Park, several county parks, and Sherburne National Wildlife Refuge.

Proposed activities under this grant include:

- Contacting and negotiating with interested landowners
- Drafting and completing 2-3 perpetual conservation easements protecting a minimum of 300 acres of land
- Documenting property conditions
- Dedicating funds for the perpetual monitoring, management and enforcement of those easements.

The Land Trust works only with perpetual conservation easements. These easements prohibit land uses or development that negatively affect important habitat and other conservation values, require habitat management plans as appropriate, and direct the use of native vegetation in conjunction with any required restoration. These easements are monitored annually and enforced as necessary under the Land Trust's comprehensive conservation easement stewardship program funded in part through our Stewardship and Enforcement Fund.

The Land Trust will prioritize existing and future potential parcels for protection using the following criteria, in this order of importance:

- Habitat: quality and quantity of existing habitat on site
- Context: proximity and relationship to other protected lands
- Opportunity: cost-benefit ratio: which landowners will participate now
- Other Benefits: meeting multiple objectives, including visual and physical access, forestry goals, water quality, etc.

The Minnesota Valley National Wildlife Refuge Trust, Inc. will acquire fee title to at least 250 high priority acres to expand the Minnesota Valley National Wildlife Refuge (Refuge) in the floodplain of the Minnesota River between Chaska and LeSueur. The Trust will acquire at least 62 additional acres with other non-state funds, for a combined total of at least 312 acres.

The Refuge expansion units have been prioritized by the USFWS in its *Comprehensive Conservation Plan (CCP) for the Minnesota Valley National Wildlife Refuge and Wetland Management District*. Priorities were identified through a science-based, public planning process as having strong potential to provide high quality habitat for wildlife and opportunities for wildlife-dependent recreation.

All prioritized lands are along the Minnesota River and include river frontage, floodplain and cropland. Following acquisition, the Trust and USFWS will develop a restoration and management plan, then restore and enhance the floodplain forest, wetlands and prairie. Cropland will be retired and drain tile broken.

This project's fee acquisition and subsequent habitat restoration and enhancement will reduce fragmentation, combat habitat loss, protect native plant and animal species, improve water quality of the Minnesota River and increase public access for wildlife-dependent recreation, including hunting and fishing.

This project will provide quality habitat for migrant and resident wildlife species, protect the diversity of native ecosystems, and continue to improve ecosystem connectivity and resilience. It will increase breeding and migratory habitat for waterfowl, shorebirds, neotropical migrants, and other species including non-migratory resident species. This project also will improve water quality by retiring and restoring croplands in the Minnesota River Valley to the natural habitats of floodplain forest, wetlands and prairie. And it will expand the public's access to lands in and near the Twin Cities for wildlife-dependent recreational activities, such as birding, photography, hiking, interpretation, hunting and fishing.

The lands acquired will be donated to the USFWS for perpetual management for wildlife and wildlife-dependent recreation as part of the Minnesota Valley National Wildlife Refuge.

The Trust for Public Land (TPL) will acquire fee title on at least 200 acres of forest, wetland, prairie and aquatic habitat along the Minnesota, Mississippi and/or St. Croix Rivers and key tributaries. TPL will protect another 67 acres with leveraged dollars, for total protection of 267 acres of high quality habitat.

Following is a description of five specific projects that are high priorities identified as immediate opportunities by TPL's partners to protect high quality habitat along the three big River Corridors in the Metropolitan Urbanizing Area. (State conservation plans and priorities are referenced in parentheses.)

With the grant funds requested, TPL will not complete all of these projects. TPL will achieve the acreage targets from among these projects depending on how quickly projects move, landowner timelines, due diligence challenges, timing of leveraged dollars, etc.

Minnesota River Habitat Corridor -- habitat for ring-necked pheasant, wild turkey, wood duck and mallard, white tailed deer:

- Protect up to 98 acres to expand the DNR's Savage Fen Scientific and Natural Area along the Minnesota River, adjacent to existing protected land and including wetland and associated upland forest.
- Protect up to 30 acres at Pike Lake Natural Area for city, township or county protection. This is critical shoreline on a shallow lake with abundant waterfowl as well as nesting bald eagles. Connects existing natural area owned by city with a natural land owned by the YMCA into a larger wildlife corridor along Pike Creek, which flows 3 miles to the north into the Minnesota River.

Mississippi River Habitat Corridor -- habitat for ring-necked pheasant, wild turkey, wood duck and mallard, white tailed deer:

- Protect up to 170 acres with 1200 feet of shoreline on the Wild and Scenic Rum River just a few miles upstream of the Mississippi River for city, township or county protection. The Rum River is an excellent bass fishery and a favorite canoe route. The land is mixed woodland and wetland habitat.

St. Croix River Habitat Corridor -- habitat for grouse, woodcock, pheasant, snipe, bear wild turkey, wood duck, mallard and white tailed deer:

- Protect up to 200 acres of forest for state or federal protection in the Franconia/ Scandia St. Croix River corridor, complementing existing protected lands along the St. Croix National Scenic Riverway.
- Protect up to 1000 acres of mixed forest and associated wetlands / shallow lake terrain, providing excellent habitat for waterfowl, deer and pheasant near Big Marine Lake as part of the larger St. Croix Greenway that connect to the St. Croix River. Ultimate protection will be in partnership with state and local partners.

Planning

In identifying and selecting projects for this Outdoor Heritage Fund proposal, the Metro Big Rivers partnership utilizes a science-based approach and applies the following key habitat priorities of the *Minnesota Statewide Conservation and Preservation Plan*:

- Protect priority habitat
- Protect critical shorelands
- Improve connectivity and access to outdoor recreation
- Restore land, wetlands, and wetland-associated watersheds
- Protect and restore critical in-water habitat of lakes and streams
- Keep water on the landscape.

Specific to “improving connectivity and access to outdoor recreation,” Metro Big Rivers works to improve and expand new hunting, fishing and other wildlife-based recreational opportunities close to home for the 3,000,000 Minnesotans who lives in the Twin Cities Metropolitan Area. These opportunities will help to build a new generation of Minnesotans who love to hunt, fish, bird-watch, or study wildlife.

Metro Big Rivers also implements specific habitat priorities in the State Wildlife Action Plan (*Tomorrow’s Habitat for the Wild and Rare: An Action Plan for Minnesota Wildlife*), supports several species occurrences documented in the DNR’s *Minnesota County Biological Survey Heritage Database*, and implements recommendations from various species-specific plans (e.g., *Long Term Duck Recovery Plan*).

Metro Big Rivers projects also are supported and often identified in location-specific plans, including the following:

- Dakota County Farmland and Natural Area Protection Plan, Mississippi River Greenway Strategic Plan & Northern Dakota County Greenway Plan (FMR).
- The Crosby Lake Management Plan, Work Plan, Crosby Farm Regional Park Ecological Inventory and Restoration Management Plan, and Crosby Park Bluff Trail Study (GRG).
- Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge and Wetland Management District (MVT)

- Washington County Land Protection Plan; Scott County Land Protection Plan, and St. Croix River Association Land Protection Plan (TPL).

Relationship to Other Constitutional Funds

All Metro Big Rivers partners also are partners in the Metropolitan Conservation Corridors (MeCC), which has been receiving grants from the Minnesota Environment and Natural Resources Trust Fund, as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR) since 2005. MeCC currently has a proposal pending before the LCCMR.

This proposal to LSOHC for Outdoor Heritage Fund support does not supplant any other sources of funds. In all cases, this proposal and the projects to be completed accelerate habitat work in the Twin Cities Metropolitan Area.

One partner's project (TPL) may require other state funding sources to successfully complete the fee title acquisition priority projects identified herein. The other funding sources may include ENRTF, Clean Water or Parks / Trails funds.

Relationship to Current Organizational Budget

The OHF grant funds will be used exclusively to complete the proposed project activities, thereby accelerating the protection, restoration and enhancement of high priority habitat in the Twin Cities Metropolitan Area. The grant funds are in addition to the organizational operating budget of each partner and other funds secured for habitat work. These grant funds will not substitute for or supplant other funding sources.

Sustainability and Maintenance

Metro Big Rivers Habitat partners will work with experienced local, state and federal land programs and private landowners to maintain the acquired and restored lands. With a strong record of leveraging funds to protect, restore and enhance wildlife habitat in the metro area, the partners are committed to working with the land stewards to secure resources to maintain these lands.

The specific long-term land stewards for each project are listed here:

FMR – By the end of the four year time period, FMR staff expect that the bulk of the restoration activities will be accomplished and the project will move into a lower cost maintenance phase. There will be continued costs associated with controlling exotic brush, for example. FMR has a long history of staying involved at each project site, and seeking additional maintenance funds as the need arises. The exact sources of funding are not known at this time, but would likely include a combination of state, local, and private funds.

GRG –The cost of ongoing management is relatively low and will be accommodated in the existing program funds of the City of Saint Paul.

MLT – The land protected through conservation easements will be sustained through the best standards and practices for conservation easement stewardship. The Minnesota Land Trust is a nationally-accredited land trust with a very successful stewardship program that includes annual property monitoring, effective records management, addressing inquiries and interpretations, tracking changes in ownership, investigating potential violations and defending the easement in case of a true violation. Funding for these easement stewardship activities is included in the project budget.

MVT - After acquisition, the habitat will be restored and/or enhanced, as needed, by the MN Valley Trust and USFWS. The lands will then be donated to the USFWS for perpetual management as part of the Minnesota Valley National Wildlife Refuge.

TPL – In each of the five potential projects, TPL will work with the long term public agency steward to develop a plan for enhancement and restoration as needed, including a plan to fund the initial work and maintain the land in the long term. The long term steward will be the Minnesota DNR, federal government or a local unit of government. TPL will require that the long term steward support this sustainable approach to habitat protection.

Types of Projects

Fee Acquisition Projects

Will local government approval be sought prior to acquisition?

Yes (TPL) No, please explain not applicable

If no, please explain here:

MVT – The local units of government in the Refuge expansion areas are very aware of our acquisition work and the expansion boundaries. They do not require approval prior to each acquisition being completed.

Is the land you plan to acquire free of any other permanent protection?

Yes (TPL) No, please explain (MVT) not applicable

If no, please explain here:

MVT – The targeted lands in the Minnesota River floodplain very often are partially under an easement (e.g., CREP or RIM). An 80 acre parcel, for example, may have 12 acres of former cropland under easement. We do not intend to carve out the easement lands and exclude them

from acquisition, as the USFWS wants to have ownership and management control over all contiguous lands within the Refuge boundaries. The appraiser will take into consideration the amount of land under easement in establishing the fair market value of the total parcel.

One of TPL's five potential project areas (Franconia / Scandia) includes a scenic easement.

Easement Acquisition Projects

Will the eased land be open for public use?

Yes No, please explain not applicable

If no, please explain here:

MLT -- Although public access is not the primary goal of this project, the Land Trust will explore the potential for public access with landowners on a case-by-case basis. In addition, some potential projects are adjacent to public waters, where anglers will be able to fish along the protected shoreline. Finally, it is not uncommon that the lands under conservation easement become open to the public in the future as the ownership changes. In fact, nearly 20% of the Land Trust's conservation easements have public or semi-public access.

Will the conservation easement be permanent?

Yes No, please explain not applicable

If no, please explain here:

Restoration and Enhancement Projects

Is the activity on permanently protected land and/or public waters?

Yes No, please explain not applicable

If no, please explain here:

Does the activity take place on an Aquatic Management Area (AMA), Scientific and Natural Area (SNA), Wildlife Management Area (WMA), or State Forests?

Yes, which ones (FMR) No, please explain (FMR & GRG) not applicable

If so, please indicate which ones:

FMR – Gores Pool WMA is a DNR Wildlife Management Area, Gelhar/Emrick property is under conservation easement by the Dakota County Farmland and Natural Area Program, Rosemount Wildlife Preserve is under conservation easement held by DNR.

GRG - Crosby Preserve is a regional park.

Accomplishment Timeline

[Provide a timeline that tracks the program components with milestones and dates. The accomplishment timeline should align with the scope of work and budget.]

FMR -

Activity	Milestone	Date
Commence project	Let contractor bids	Aug 2011
Prairie enhancement	Complete 17 acres	June 2013
Prairie restoration	Complete 22 acres	June 2013
Forest enhancement	Complete 65 acres	June 2015
Prairie restoration	Complete 4 acres	June 2015
Wetland restoration	Complete 15 acres	June 2015

GRG –

Activity	Milestone	Date
Commence project		July 2011
Project scoping and design	Design implementation plan	March 2012
Enhancement of ten acres	Ten acres completed	July 2013

MLT –

Activity	Milestone	Date
Acquire conservation easements: <ul style="list-style-type: none"> • Identify landowners • Negotiate, draft, complete easements • Dedicate funds for easement stewardship 	Protect 300 acres by completing 2-3 conservation easements	June 2013
Activity	Milestone	Date
Acquire conservation easements: <ul style="list-style-type: none"> • Identify landowners • Negotiate, draft, complete easements • Dedicate funds for easement stewardship 	Protect 300 acres by completing 2-3 conservation easements	June 2013

MVT –

Activity	Milestone	Date
Complete landowner negotiations & purchase agreements – parcels	Complete	February 2012

Restoration & stewardship planning, due diligence	Complete	August 2012
Closing	Closing parcels – 125 acres	October 2012
Complete landowner negotiations & purchase agreements – parcels	Complete	June 2012
Restoration & stewardship planning, due diligence	Complete	December 2012
Closing	Closing 2nd parcels – 125 acres	June 2013

TPL –

Activity	Milestone	Date
Complete landowner negotiations & secure purchase agreements – parcels	Complete	October 2011
Restoration & stewardship planning and acquisition due diligence	Complete	August 2012
Closing	Closing parcels – 187 acres	October 2012
Complete landowner negotiations & secure purchase agreements – parcels	Complete	April 2012
Restoration & stewardship planning and acquisition due diligence	Complete	October 2012
Closing	Closing 2nd parcels – 80 acres	February 2013

Attachments:

- A. Budget**
- B. Proposed Outcome Tables 1-5**
- C. Map**
- D. Parcel List**

Attachment A. Budget Spreadsheet

	A	B	C	D	E	F	G
1	Link Here to definitions of the budget items below.						
2							
3	Total Amount of Request	\$	5,170,558	From page 1 on the funding form.			
4							
5	Personnel						
6							
7							
8		FTE	Over # of years	LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
9	Position breakdown here						
10	Land Conservation Director - FMR	0.02	4	\$ 4,988			\$4,988
11	Ecologist/Project Manager - FMR	0.08	4	\$ 21,480			\$21,480
12	Volunteer Coordinator - FMR	>.01	1	\$ 504			\$504
13	Stewardship Coordinator - FMR	>.01	1	\$ 224			\$224
14	Ecologist - GRG	0.34	2	\$ 15,000	\$ 15,000		\$30,000
15	Business Director - GRG	0.03	2	\$ 2,900	\$ 2,900		\$5,800
16	Conservation Staff - MLT	0.25	2	\$ 35,000			\$35,000
17	Staff Attorney - MLT	0.05	2	\$ 9,000			\$0
18	Support Staff - MLT	0.05	2	\$ 5,000			\$0
19	Total			\$94,096	\$17,900	\$0	\$97,996
20							
21							
22							
23	Budget and Cash Leverage (All your LSOHC Request Funds must be direct to and necessary for program outcomes.)						
24							
25	Budget Item			LSOHC Request	Anticipated Cash Leverage	Cash Leverage Source	Total
26	Personnel - auto entered from above			\$94,096	\$17,900	\$0	\$97,996
27	Contracts - FMR & GRG			\$213,090			\$213,090
28	Fee Acquisition w/ PILT (breakout in table 6 & 7) - TP			\$2,096,500	\$700,000	Local, other state, federal private	\$2,796,500
29	Fee Acquisition w/o PILT (breakout in table 6 & 7) - T			\$1,898,500	\$550,000	Local, other state, private	\$2,448,500
30	Easement Acquisition - MLT			\$ 750,000	\$ 250,000	Donation of easement value	\$1,000,000
31	Easement Stewardship - MLT			\$ 45,000			\$45,000
32	Travel (in-state) - FMR, GRG & MLT			\$2,422			\$2,422
33	Professional Services - MLT			\$20,000			\$20,000
34	DNR Land Acquisition Costs - TPL			\$5,000			\$5,000
35	Other						\$45,950
36	Capital Equipment						\$0
37	Other Equipment/Tools - GRG			\$850			\$850
38	Supplies/Materials - FMR & GRG			\$45,100			\$45,100
39				\$5,170,558	\$1,517,900	\$0	\$6,674,458

Attachment B. Proposed Outcome Tables

	A	B	C	D	E	F	G	H
39	Table 4. Total Requested Funding within each Ecological Section							
40								
41		Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total	
42	Restore	\$62,521					\$62,521	
43	Protect	\$4,865,000					\$4,865,000	
44	Enhance	\$243,037					\$243,037	
45	Total	\$5,170,558	\$0	\$0	\$0	\$0	\$0	
46								
47			Total Dollars (sum of Total column)				\$5,170,558	
48			Total Dollars (sum of Total row)				\$5,170,558	
49			Check to make sure these amounts are the same					
50			as the Funding Request Amount on page 1 of Main Funding Form.					
51								
52	Table 5. Target Lake/Stream/River Miles							
53								
54			3 # miles of Lakes / Streams / Rivers Shoreline					
55								
56								
57	Table 6. Acquisition by PILT Status (enter information in acres)							
58			Wetlands	Prairies	Forests	Habitats	Total	
59	Fee with State PILT Liability		36	35	49	20	140	
60	Fee without State PILT Liability		66	65	171	8	310	
61	Easement NO State PILT Liability				300		300	
62								
63								
64	Table 7. Estimated Value of Acquisition by PILT Status (enter information in dollars)							
65			Wetlands	Prairies	Forests	Habitats	Total	
66	Fee with State PILT Liability		\$546,000	\$525,000	\$735,000	\$294,000	\$2,100,000	
67	Fee without State PILT Liability		\$434,000	\$425,000	\$915,000	\$126,000	\$1,900,000	
68	Easement NO State PILT Liability				\$865,000		\$865,000	\$4,865,000

Program Title

Parcel Name	County	Township	Range	Direction	Section	TRDS	# of acres	Estimated Cost	Description	Activity - Protect, Restore, Enhance	Any existing protection? (yes/no)	Open to hunting and fishing? (yes/no)
PROTECT												
Minnesota Land Trust (easement)												
Mississippi River (2 projects)	Sherburne	32 & 33	26	W	4 & 33	3326W33	175	\$710,000	Northwest Mississippi River: Conservation easement: river frontage, floodplain forest	P	No	No
Elk River	Sherburne	34	29	W	3	3429W3	125	\$85,000	Northwest Mississippi River: Conservation easement: forest, grasslands, river frontage	P	No	No
Stickney Lake	Sherburne	34 & 35	30	W	2, 10 & 35	3430W2	600	\$85,000	Northwest Mississippi River: Conservation easement: hardwood forest, lake shore, agricultural land	P	No	No
Minnesota Valley Trust, Inc. (fee title)												
Blakely Unit Addition, MN Valley Refuge	Scott	113	26	W	36	11326W36	125	\$ 500,000	Minnesota River: Expand MN Valley National Wildlife Refuge	P	Possibly	Yes
Jessenland Unit Addition, MN Valley Refuge	Sibley	113	23	W	13 & 14	11323W13	125	\$ 500,000	Minnesota River: Expand MN Valley National Wildlife Refuge	P	Possibly	Yes
Rapids Lake Unit Addition, MN Valley Refuge	Carver	115	23	W	31	11523W31	125	\$ 500,000	Minnesota River: Expand MN Valley National Wildlife Refuge	P	Possibly	Yes
St. Lawrence Unit Addition, MN Valley Refuge	Scott	114	24	W	27	11424W27	125	\$ 500,000	Minnesota River: Expand MN Valley National Wildlife Refuge	P	Possibly	Yes
Trust for Public Land (fee title)												
MN River / Savage Fen	Scott	115N	21	W	16 & 17	11521w16	98	\$ 700,000	Minnesota River Corridor: fen, wetland, maple basswood forest, and bluffs about 1 mi from MN River. Add to a DNR Scientific and Natural Area.	P	No	Yes
MN River / Pike Lake II	Scott	115N	22	W	23	11522w23	30	\$ 1,500,000	Minnesota River Corridor: Critical shoreline on shallow Pike Lake. Connects via Pike Creek to the Minnesota River.	P	No	Yes

MS River / Rum River Scout Camp	Anoka	32N	25	W	13	3225W13	170	\$	6,000,000	Mississippi River Corridor: Mixed forest and wetland habitat on 1200 feet of the Rum River, an excellent bass fishery and favorite canoe route. 6mi from the Mississippi River.	P	No	Yes
St. Croix / Franconia and Scandia Corridor	Chisago	33N	19	W	16	3319W16	200	\$	1,600,000	St. Croix River Corridor: Forested land with stream draining 0.3mi away into the St. Croix River.	P	Yes	Yes
St. Croix / Big Marine Area	Washington	31N	20	W	5 & 23	3120W5	1000	\$	10,000,000	St. Croix River Corridor: Mixed forest, wetland and shallow lake habitat in larger protected corridor. 4 – 6 miles from the St. Croix River.	P	No	Yes

Note: The protection projects will be selected from the above prioritized lists.

RESTORE AND ENHANCE

Friends of the Mississippi River

Gores Pool WMA (Freitag)	Dakota	115	17	W	26	11517W26	68	\$	127,005	Mississippi River: Restore prairie and wet meadow, and enhance floodplain and upland forest at Gores Pool WMA.	R & E	Yes	Yes
Emrick	Dakota	114	17	W	5 & 8	11417W5	31	\$	11,990	Mississippi River: Restore prairie and enhance savanna on permanently protected private land.	R & E	Yes	No
Rosemount Wildlife Preserve	Dakota	115	19	W	16	11519W16	24	\$	12,563	Mississippi River: Enhance prairie and forest at Rosemount Preserve	E	Yes	No

Great River Greening

Crosby Farm Regional Park (Crosby Lake)	Ramsey	28N	23	W	22	2823W17	48	\$	154,000	Mississippi River: Enhance Crosby Lake fishery through bioengineering projects	E	Yes	Yes
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