

Request for Funding

Lessard-Sams Outdoor Heritage Council Fiscal Year 2015 / ML 2014

Program or Project Title: Wildlife and Fishery Habitat Restoration and Enhancement -Metro Region

Funds Requested: \$6,416,100

Manager's Name: Arne Stefferud

Title: Manager, Regional Parks and Natural Resources

Organization: Metropolitan Council

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County Locations: Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington.

Ecological Planning Regions:

- Metro / Urban

Activity Type:

- Restore
- Enhance

Priority Resources Addressed by Activity:

- Wetlands
- Forest
- Prairie
- Habitat

Abstract:

Restoration and enhancement of 2,965 acres of land and lakes for game and non-game wildlife and fishery habitat in the Twin Cities Metropolitan region encompassing 12 projects at 16 locations which complement State, Federal and volunteer management activities elsewhere.

Design and Scope of Work:

The Metropolitan Regional Park System currently includes 31,600 acres of land and lakes that are actively managed for game and non-game wildlife and fisheries habitat. Nine partnering agencies will complete 12 wildlife and fishery habitat projects encompassing 2,965 acres as follows:

1. Anoka County will use \$270,000 matched with \$30,000 to restore and enhance 120 acres of native prairie and riparian woodland habitat within the Mississippi West Regional Park providing increased habitat for turkeys, pheasants, waterfowl, migrant and resident song birds, deer and other wildlife species.
2. Anoka County will use \$200,000 matched with \$20,000 to restore and enhance 45 acres of native prairie habitat within Rum River Central Regional Park providing increased habitat for turkeys, pheasants, waterfowl, migrant and resident song birds, deer and other wildlife species. This project and project 1 are consistent with the Minnesota Statewide Conservation and Preservation Plan to protect critical shorelands of streams and lakes, and protect

priority land habitats of native prairie.

3. Carver County will use \$111,000 to restore 37 acres of old field, previously farmed areas, and managed turf to mesic forest, oak savanna, and prairie savanna that implements the objective of providing habitat for species of greatest conservation need.
4. Dakota County will use \$1,050,000 matched with \$152,000 to restore and enhance 437 acres of prairie, forests, wetlands, and open water adjacent to DNR's Vermillion River WMA and Vermillion River AMA and the University of Minnesota's Vermillion Highlands natural area. This project promotes the wildlife habitat objectives of the Outdoor Heritage Fund: A 25 Year Framework and the Minnesota DNR Strategic Conservation Agenda.
5. The Minneapolis Park and Recreation Board will use \$865,000 matched with \$160,000 for habitat enhancements to improve 5,000 feet of shoreline on Sweeney and Twin Lakes, 22 acres of wetland near Wirth Lake, and 210 acres of forest and oak barrens (a globally endangered ecosystem) in Wirth Regional Park. Enhancement activities will remove invasive species, repair and stabilize eroded soils, and plant local ecotype native species. These habitat improvements implement the Minnesota DNR Strategic Conservation Agreement Goal 3: Minnesota's natural lands and habitat will be conserved and enhanced.
6. Ramsey County will use \$468,000 to restore 72 acres of interlinking prairie, savanna, oak forests and shrub swamps that are highly degraded by invasive species. This restoration will connect other surrounding restoration projects and enhance habitat for wildlife along the Mississippi Flyway. It helps implement the Tomorrow's Habitat for the Wild and Rare action plan.
7. The City of Saint Paul will use \$227,000 matched with \$16,000 to enhance 54 acres of Mississippi River corridor disturbed floodplain forest in Lilydale Regional Park through invasive species control and reforestation. The project will improve diversity and connectedness, probability of a self-sustaining forest community, and improve habitat. Special attention will be given to improving habitat for two species of conservation concern in healthy floodplain forests – the Wood Duck and Prothonotary Warbler – by providing suitable nesting cavities for both of these species while employing management techniques to promote uneven aged stands with mature trees.
8. Scott County will use \$1,840,100 matched with \$131,000 to expand contiguous habitat coverage, buffering CBS forests, and returning ecological integrity to native plant community components of the Big Woods subsection of the state. The work will improve habitat for rare species and animal populations in decline and targets priority habitats within the scientifically-based and locally-identified Scott County Natural Area Corridors. The project helps implement the following conservation plans: Tomorrow's Habitat for the Rare and Wild (Minnesota's Comprehensive Wildlife Conservation Strategy); Minnesota Conservation and Preservation Plan; Scott County Natural Resources Management Plans.
9. Three Rivers Park District will use \$210,000 matched with \$20,000 to conduct alum treatments to reduce phosphorus in two tributary lakes to Lake Independence--Spurzem and Half Moon lakes. It will be similar to the successful Lake Rebecca improvement project. It will protect, enhance and restore riparian and littoral habitat to benefit game and non-game fish species.
10. Three Rivers Park District will use \$400,000 matched with \$30,000 to control curly-leaf pondweed on Cleary Lake in Scott County through the application of herbicide. Internal phosphorus loading from lake sediments will be reduced by application of aluminum sulfate to the lake bottom. The improved water quality will allow for re-establishment of the bass-bluegill fishery in the lake. The project will protect, enhance and restore riparian and littoral habitat to benefit game and non-game fish species, and will protect a shallow lake open to fishing. This project and project 9 also addresses the following LSOHC objectives: Long Range Plan for Fisheries Management, Managing Minnesota's Shallow Lakes for Waterfowl and Wildlife, and Minnesota Sustainability Framework.
11. Washington County will use \$425,000 to restore 58 acres of degraded wetlands in 12 basins that had been drained for farming that are adjacent to 110 acres of restored tall grass prairie. There is a unique variety of wetlands, from seasonal flooded to open water, in this area. The 12 wetland basins were inventoried in 2003 and individualized restoration plans were established. Consistent with the Statewide Conservation Plan, this project would remove invasive species followed by seeding and installation of native plants. Success will be measured by the species diversity, absence of non-native species, and acreages restored. The project would create 168 acres of interconnected native upland and wetland landscape.
12. Washington County will use \$350,000 to restore 217 acres of native forests throughout Washington County in Lake Elmo Park Reserve, St. Croix Bluffs Regional Park and Cottage Grove Ravine Regional Park. These forests were identified by the DNR's County Biological Survey as rare and unique plant communities. Consistent with the State's Conservation and Preservation Plan, this project will protect and enhance the last best forests in

Washington County. These forests are located within the Metro Green Corridors Initiative and represent the best landscape-scale habitat restoration opportunities.

Planning

MN State-wide Conservation Plan Priorities:

- H1 Protect priority land habitats
- H2 Protect critical shoreland of streams and lakes
- H3 Improve connectivity and access to recreation
- H4 Restore and protect shallow lakes
- H5 Restore land, wetlands and wetland-associated watersheds
- H6 Protect and restore critical in-water habitat of lakes and streams

Plans Addressed:

- Long Range Plan for Fisheries Management
- Managing Minnesota's Shallow Lakes for Waterfowl and Wildlife
- Minnesota DNR Nongame Wildlife Plans
- Minnesota DNR Strategic Conservation Agenda
- Minnesota Sustainability Framework
- National Audubon Society Top 20 Common Birds in Decline
- National Fish Habitat Action Plan
- North American Waterfowl Management Plan
- Outdoor Heritage Fund: A 25 Year Framework
- Partners in Flight Conservation Plans for States and Physiographic Regions
- State Comprehensive Outdoor Recreation Plan
- Tomorrow's Habitat for the Wild and Rare
- Upper Mississippi River and Great Lakes Region Projects Joint Ventures Plan

LSOHC Statewide Priorities:

- Address Minnesota landscapes that have historical value to fish and wildlife, wildlife species of greatest conservation need, Minnesota County Biological Survey data, and rare, threatened and endangered species inventories in land and water decisions, as well as long-term or permanent solutions to aquatic invasive species
- Are ongoing, successful, transparent and accountable programs addressing actions and targets of one or more of the ecological sections
- Attempts to ensure conservation benefits are broadly distributed across the LSOHC sections
- Ensures activities for "protecting, restoring and enhancing" are coordinated among agencies, non profits and others while doing this important work; provides the most cost-effective use of financial resources; and where possible takes into consideration the value of local outreach, education, and community engagement to sustain project outcomes
- Leverage effort and/or other funds to supplement any OHF appropriation
- Produce multiple enduring conservation benefits
- Provide Minnesotans with greater public access to outdoor environments with hunting, fishing and other outdoor recreation opportunities
- Restore or enhance habitat on permanently protected land
- Use a science-based strategic planning and evaluation model to guide protection, restoration and enhancement, similar to the United States Fish and Wildlife Service's Strategic Habitat Conservation model

LSOHC Metro Urban Section Priorities:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity
- Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)
- Protect, enhance, and restore riparian and littoral habitats on lakes to benefit game and nongame fish species

Relationship to Other Constitutional Funds:

- Environmental and Natural Resource Trust Fund
- Parks and Trails Fund

Since 2007, \$7.5 million from the Environmental and Natural Resources Trust Fund has been leveraged with \$9.25 million of Metropolitan Council bonds and partner agency funds to acquire 1,000 acres of wildlife habitat land. The FY 2015 Outdoor Heritage Fund proposal will be used to enhance or restore 662 acres of that land along with 1,226 acres of other land plus 1,077 acres of shallow lakes. For Fiscal Years 2010-2013, a total of \$1.38 million of Parks and Trails Fund appropriations have been used for the following activities that would complement the enhancement and restoration of wildlife and fisheries habitat in the FY 2015 proposal:

- \$603,000 for Conservation Corps of Minnesota natural resource management activities
- \$587,000 for recruiting and training volunteers to assist in natural resource management activities under direction of professional staff
- \$188,000 for environmental education programming to educate the public about wildlife and fishery habitat and species.

Expenditures for these activities financed with FY 2015 Parks and Trails Fund appropriations will supplement the FY 2015 Outdoor Heritage Fund proposal. The exact amount would be reported as part of updates to the Accomplishment Plan.

Accelerates or Supplements Current Efforts:

This proposal would significantly accelerate current efforts for wildlife and fishery habitat restoration and enhancement among the partnering agencies. From 2009-2012, only two wildlife habitat restoration or enhancement projects on 250 total acres have occurred at a total cost of \$488,000. The \$6.4 million in this proposal leveraged with \$560,000 of other funds would restore and enhance 1,888 acres of land and 1,077 acres of shallow lakes. This is 14 times the expenditures for habitat restoration and enhancement projects on 12 times the land and water acreage that was accomplished from 2009-2012.

This proposal only finances 9% of the 31,570 acres of wildlife and fisheries habitat these agencies directly own/manage (i.e. the management unit contains all land surrounding a lake). Additional funding requests will be made to restore and enhance at least 28,600 acres of land and shallow lake habitat these agencies currently manage beyond the 2,965 acres in this proposal.

Sustainability and Maintenance:

Each partnering agency using a combination of professional natural resource management staff, Conservation Corps of Minnesota crews and trained volunteers will continuously monitor and take appropriate actions to maintain the diverse plant communities and high quality aquatic habitat created with these projects. Each project in this proposal includes estimated annual funding to maintain the quality of these habitats ranging from \$1,500 to \$5,000 per year plus in-kind volunteer labor. They will use a combination of funds from their operations and maintenance budgets including local funding, state sources and in-kind volunteer labor to accomplish this work.

Permanent Protection:

*Is the activity on permanently protected land and/or public waters per MS 103G.005, Subd. 15? - **Yes***
(County/Municipal, Public Waters)

Accomplishment Timeline

Activity	Approximate Date Completed
Anoka County Mississippi River native prairie and riparian woodland restoration	6/30/2019
Anoka County Rum River native prairie restoration	6/30/2019
Carver County mesic forest, oak savanna and prairie savanna restoration	6/30/2019
Dakota County prairie, forests, wetlands and open water restoration	6/30/2019
Minneapolis Park & Recreation Board lake shoreland, wetlands, forest and oak barren enhancements	6/30/2019
Ramsey County prairie, savanna, oak forest and shrub swamp restoration	6/30/2019
City of St. Paul floodplain forest restoration and enhancement	6/30/2019
Scott County Big Woods restoration and enhancement	6/30/2019
Three Rivers Park District Spurzem and Half Moon Lake phosphorous reduction	6/30/2019
Three Rivers Park District Cleary Lake phosphorous reduction	6/30/2019
Washington County wetland restoration and enhancement	6/30/2019
Washington County native forest restoration and enhancement	6/30/2019

Outcomes

Programs in metropolitan urbanizing region:

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need *Annual monitoring of plant and supported animal/bird populations to determine base line levels and degree of improvement after project completion.*
- Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna *Annual monitoring of plant and supported animal/bird populations to determine base line levels and degree of improvement after project completion.*
- Improved aquatic habitat indicators *Annual monitoring of fishery and amphibian populations along with associated plant communities to determine base line levels and degree of improvement after project completion.*
- A forest land base that contributes to the habitat picture *Annual monitoring of plant and supported animal/bird populations to determine base line levels and degree of improvement after project completion.*

Budget Spreadsheet

Total Amount of Request: \$6,416,100

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$51,000	\$424,000		\$475,000
Contracts	\$5,574,100	\$125,000	Anoka County, Parks and Trails Fund, Anoka County, Parks and Trails Fund, Dakota County, Parks and Trails Fund	\$5,699,100
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$435,000	\$0		\$435,000
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$10,000	Scott Co Funds	\$10,000
Supplies/Materials	\$356,000	\$0		\$356,000
DNR IDP	\$0	\$0		\$0
Total	\$6,416,100	\$559,000		- \$6,975,100

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.01	5.00	\$0	\$20,000	TR Park District	\$20,000
Project Manager	0.01	5.00	\$0	\$30,000	TRP Dist	\$30,000
Natural Resource Technician	0.15	5.00	\$0	\$10,000	Anoka County Funds	\$10,000
Seasonal Resource Technicians	0.30	5.00	\$0	\$10,000	Anoka County Funds	\$10,000
Natural Resource Technician	0.15	5.00	\$0	\$5,000	Anoka County	\$5,000
Seasonal Resource Technicians	0.30	5.00	\$0	\$5,000	Anoka County	\$5,000
Natural Resource Specialist	0.15	5.00	\$0	\$47,000	Dakota County	\$47,000
Project Manager	0.15	5.00	\$0	\$68,000	Scott Co	\$68,000
Maintenance Crew	0.25	5.00	\$0	\$53,000	Scott Co	\$53,000
Project Manager Planning	0.16	5.00	\$20,000	\$45,000	MPLS Park and Rec Board	\$65,000
Environmental Coordinators	0.20	5.00	\$20,000	\$60,000	MPLS Park and Rec Board	\$80,000
Summer Youth Crew Leaders	0.30	5.00	\$0	\$9,000	MPLS Park and Rec Board	\$9,000
Summer Youth Crews (20 teens part time seasonal)	2.70	5.00	\$0	\$46,000	MPLS Park and Rec Board	\$46,000
Project Manager	0.03	5.00	\$11,000	\$16,000	Cty of St Paul P & R	\$27,000
Total	4.86	70.00	\$51,000	\$424,000	-	\$475,000

Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$20,000		\$20,000
Contracts	Three Rivers Park Dist Spurzem Half Moon Lakes	\$210,000	\$0		\$210,000
Fee Acquisition w/ PILT	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Fee Acquisition w/o PILT	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Easement Acquisition	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Easement Stewardship	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Travel	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Professional Services	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Direct Support Services	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
DNR Land Acquisition Costs	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Capital Equipment	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Other Equipment/Tools	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Supplies/Materials	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
DNR IDP	Three Rivers Park Dist Spurzem Half Moon Lakes	\$0	\$0		\$0
Total	-	\$210,000	\$20,000	-	\$230,000

Personnel - Three Rivers Park Dist Spurzem Half Moon Lakes

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.01	5.00	\$0	\$20,000	TR Park District	\$20,000
Total	0.01	5.00	\$0	\$20,000	-	\$20,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Washington County Native Forests	\$0	\$0		\$0
Contracts	Washington County Native Forests	\$310,000	\$0		\$310,000
Fee Acquisition w/ PILT	Washington County Native Forests	\$0	\$0		\$0
Fee Acquisition w/o PILT	Washington County Native Forests	\$0	\$0		\$0
Easement Acquisition	Washington County Native Forests	\$0	\$0		\$0
Easement Stewardship	Washington County Native Forests	\$0	\$0		\$0
Travel	Washington County Native Forests	\$0	\$0		\$0
Professional Services	Washington County Native Forests	\$40,000	\$0		\$40,000
Direct Support Services	Washington County Native Forests	\$0	\$0		\$0
DNR Land Acquisition Costs	Washington County Native Forests	\$0	\$0		\$0
Capital Equipment	Washington County Native Forests	\$0	\$0		\$0
Other Equipment/Tools	Washington County Native Forests	\$0	\$0		\$0
Supplies/Materials	Washington County Native Forests	\$0	\$0		\$0
DNR IDP	Washington County Native Forests	\$0	\$0		\$0
Total	-	\$350,000	\$0	-	\$350,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Washington County Wetlands	\$0	\$0		\$0
Contracts	Washington County Wetlands	\$375,000	\$0		\$375,000
Fee Acquisition w/ PILT	Washington County Wetlands	\$0	\$0		\$0
Fee Acquisition w/o PILT	Washington County Wetlands	\$0	\$0		\$0
Easement Acquisition	Washington County Wetlands	\$0	\$0		\$0
Easement Stewardship	Washington County Wetlands	\$0	\$0		\$0
Travel	Washington County Wetlands	\$0	\$0		\$0
Professional Services	Washington County Wetlands	\$50,000	\$0		\$50,000
Direct Support Services	Washington County Wetlands	\$0	\$0		\$0
DNR Land Acquisition Costs	Washington County Wetlands	\$0	\$0		\$0
Capital Equipment	Washington County Wetlands	\$0	\$0		\$0
Other Equipment/Tools	Washington County Wetlands	\$0	\$0		\$0
Supplies/Materials	Washington County Wetlands	\$0	\$0		\$0
DNR IDP	Washington County Wetlands	\$0	\$0		\$0
Total	-	\$425,000	\$0	-	\$425,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Three Rivers Park Dist Cleary Lake	\$0	\$30,000		\$30,000
Contracts	Three Rivers Park Dist Cleary Lake	\$400,000	\$0		\$400,000
Fee Acquisition w/ PILT	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Fee Acquisition w/o PILT	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Easement Acquisition	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Easement Stewardship	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Travel	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Professional Services	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Direct Support Services	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
DNR Land Acquisition Costs	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Capital Equipment	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Other Equipment/Tools	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Supplies/Materials	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
DNR IDP	Three Rivers Park Dist Cleary Lake	\$0	\$0		\$0
Total	-	\$400,000	\$30,000	-	\$430,000

Personnel - Three Rivers Park Dist Cleary Lake

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.01	5.00	\$0	\$30,000	TRP Dist	\$30,000
Total	0.01	5.00	\$0	\$30,000	-	\$30,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Carver County Oak Savanna	\$0	\$0		\$0
Contracts	Carver County Oak Savanna	\$111,000	\$0		\$111,000
Fee Acquisition w/ PILT	Carver County Oak Savanna	\$0	\$0		\$0
Fee Acquisition w/o PILT	Carver County Oak Savanna	\$0	\$0		\$0
Easement Acquisition	Carver County Oak Savanna	\$0	\$0		\$0
Easement Stewardship	Carver County Oak Savanna	\$0	\$0		\$0
Travel	Carver County Oak Savanna	\$0	\$0		\$0
Professional Services	Carver County Oak Savanna	\$0	\$0		\$0
Direct Support Services	Carver County Oak Savanna	\$0	\$0		\$0
DNR Land Acquisition Costs	Carver County Oak Savanna	\$0	\$0		\$0
Capital Equipment	Carver County Oak Savanna	\$0	\$0		\$0
Other Equipment/Tools	Carver County Oak Savanna	\$0	\$0		\$0
Supplies/Materials	Carver County Oak Savanna	\$0	\$0		\$0
DNR IDP	Carver County Oak Savanna	\$0	\$0		\$0
Total	-	\$111,000	\$0		- \$111,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Anoka County Mississippi River Prairie Woodlands	\$0	\$20,000		\$20,000
Contracts	Anoka County Mississippi River Prairie Woodlands	\$70,000	\$10,000	Anoka County, Parks and Trails Fund	\$80,000
Fee Acquisition w/ PILT	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Fee Acquisition w/o PILT	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Easement Acquisition	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Easement Stewardship	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Travel	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Professional Services	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Direct Support Services	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
DNR Land Acquisition Costs	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Capital Equipment	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Other Equipment/Tools	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Supplies/Materials	Anoka County Mississippi River Prairie Woodlands	\$200,000	\$0		\$200,000
DNR IDP	Anoka County Mississippi River Prairie Woodlands	\$0	\$0		\$0
Total		\$270,000	\$30,000		\$300,000

Personnel - Anoka County Mississippi River Prairie Woodlands

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Natural Resource Technician	0.15	5.00	\$0	\$10,000	Anoka County Funds	\$10,000
Seasonal Resource Technicians	0.30	5.00	\$0	\$10,000	Anoka County Funds	\$10,000
Total	0.45	10.00	\$0	\$20,000		\$20,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Anoka County Rum River Prairie	\$0	\$10,000		\$10,000
Contracts	Anoka County Rum River Prairie	\$150,000	\$10,000	Anoka County, Parks and Trails Fund	\$160,000
Fee Acquisition w/ PILT	Anoka County Rum River Prairie	\$0	\$0		\$0
Fee Acquisition w/o PILT	Anoka County Rum River Prairie	\$0	\$0		\$0
Easement Acquisition	Anoka County Rum River Prairie	\$0	\$0		\$0
Easement Stewardship	Anoka County Rum River Prairie	\$0	\$0		\$0
Travel	Anoka County Rum River Prairie	\$0	\$0		\$0
Professional Services	Anoka County Rum River Prairie	\$0	\$0		\$0
Direct Support Services	Anoka County Rum River Prairie	\$0	\$0		\$0
DNR Land Acquisition Costs	Anoka County Rum River Prairie	\$0	\$0		\$0
Capital Equipment	Anoka County Rum River Prairie	\$0	\$0		\$0
Other Equipment/Tools	Anoka County Rum River Prairie	\$0	\$0		\$0
Supplies/Materials	Anoka County Rum River Prairie	\$50,000	\$0		\$50,000
DNR IDP	Anoka County Rum River Prairie	\$0	\$0		\$0
Total	-	\$200,000	\$20,000	-	\$220,000

Personnel - Anoka County Rum River Prairie

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Natural Resource Technician	0.15	5.00	\$0	\$5,000	Anoka County	\$5,000
Seasonal Resource Technicians	0.30	5.00	\$0	\$5,000	Anoka County	\$5,000
Total	0.45	10.00	\$0	\$10,000	-	\$10,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Dakota County Whitetail Woods	\$0	\$47,000		\$47,000
Contracts	Dakota County Whitetail Woods	\$950,000	\$105,000	Dakota County, Parks and Trails Fund	\$1,055,000
Fee Acquisition w/ PILT	Dakota County Whitetail Woods	\$0	\$0		\$0
Fee Acquisition w/o PILT	Dakota County Whitetail Woods	\$0	\$0		\$0
Easement Acquisition	Dakota County Whitetail Woods	\$0	\$0		\$0
Easement Stewardship	Dakota County Whitetail Woods	\$0	\$0		\$0
Travel	Dakota County Whitetail Woods	\$0	\$0		\$0
Professional Services	Dakota County Whitetail Woods	\$100,000	\$0		\$100,000
Direct Support Services	Dakota County Whitetail Woods	\$0	\$0		\$0
DNR Land Acquisition Costs	Dakota County Whitetail Woods	\$0	\$0		\$0
Capital Equipment	Dakota County Whitetail Woods	\$0	\$0		\$0
Other Equipment/Tools	Dakota County Whitetail Woods	\$0	\$0		\$0
Supplies/Materials	Dakota County Whitetail Woods	\$0	\$0		\$0
DNR IDP	Dakota County Whitetail Woods	\$0	\$0		\$0
Total	-	\$1,050,000	\$152,000	-	\$1,202,000

Personnel - Dakota County Whitetail Woods

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Natural Resource Specialist	0.15	5.00	\$0	\$47,000	Dakota County	\$47,000
Total	0.15	5.00	\$0	\$47,000	-	\$47,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Scott County Big Woods	\$0	\$121,000		\$121,000
Contracts	Scott County Big Woods	\$1,720,100	\$0		\$1,720,100
Fee Acquisition w/ PILT	Scott County Big Woods	\$0	\$0		\$0
Fee Acquisition w/o PILT	Scott County Big Woods	\$0	\$0		\$0
Easement Acquisition	Scott County Big Woods	\$0	\$0		\$0
Easement Stewardship	Scott County Big Woods	\$0	\$0		\$0
Travel	Scott County Big Woods	\$0	\$0		\$0
Professional Services	Scott County Big Woods	\$120,000	\$0		\$120,000
Direct Support Services	Scott County Big Woods	\$0	\$0		\$0
DNR Land Acquisition Costs	Scott County Big Woods	\$0	\$0		\$0
Capital Equipment	Scott County Big Woods	\$0	\$0		\$0
Other Equipment/Tools	Scott County Big Woods	\$0	\$10,000	Scott Co Funds	\$10,000
Supplies/Materials	Scott County Big Woods	\$0	\$0		\$0
DNR IDP	Scott County Big Woods	\$0	\$0		\$0
Total	-	\$1,840,100	\$131,000	-	\$1,971,100

Personnel - Scott County Big Woods

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.15	5.00	\$0	\$68,000	Scott Co	\$68,000
Maintenance Crew	0.25	5.00	\$0	\$53,000	Scott Co	\$53,000
Total	0.40	10.00	\$0	\$121,000	-	\$121,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Ramsey County Prairie Savanna	\$0	\$0		\$0
Contracts	Ramsey County Prairie Savanna	\$468,000	\$0		\$468,000
Fee Acquisition w/ PILT	Ramsey County Prairie Savanna	\$0	\$0		\$0
Fee Acquisition w/o PILT	Ramsey County Prairie Savanna	\$0	\$0		\$0
Easement Acquisition	Ramsey County Prairie Savanna	\$0	\$0		\$0
Easement Stewardship	Ramsey County Prairie Savanna	\$0	\$0		\$0
Travel	Ramsey County Prairie Savanna	\$0	\$0		\$0
Professional Services	Ramsey County Prairie Savanna	\$0	\$0		\$0
Direct Support Services	Ramsey County Prairie Savanna	\$0	\$0		\$0
DNR Land Acquisition Costs	Ramsey County Prairie Savanna	\$0	\$0		\$0
Capital Equipment	Ramsey County Prairie Savanna	\$0	\$0		\$0
Other Equipment/Tools	Ramsey County Prairie Savanna	\$0	\$0		\$0
Supplies/Materials	Ramsey County Prairie Savanna	\$0	\$0		\$0
DNR IDP	Ramsey County Prairie Savanna	\$0	\$0		\$0
Total	-	\$468,000	\$0	-	\$468,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Mpls. Sweeney Lake Shoreline Forest	\$40,000	\$160,000		\$200,000
Contracts	Mpls. Sweeney Lake Shoreline Forest	\$600,000	\$0		\$600,000
Fee Acquisition w/ PILT	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Fee Acquisition w/o PILT	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Easement Acquisition	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Easement Stewardship	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Travel	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Professional Services	Mpls. Sweeney Lake Shoreline Forest	\$125,000	\$0		\$125,000
Direct Support Services	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
DNR Land Acquisition Costs	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Capital Equipment	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Other Equipment/Tools	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Supplies/Materials	Mpls. Sweeney Lake Shoreline Forest	\$100,000	\$0		\$100,000
DNR IDP	Mpls. Sweeney Lake Shoreline Forest	\$0	\$0		\$0
Total	-	\$865,000	\$160,000	-	\$1,025,000

Personnel - Mpls. Sweeney Lake Shoreline Forest

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager Planning	0.16	5.00	\$20,000	\$45,000	MPLS Park and Rec Board	\$65,000
Environmental Coordinators	0.20	5.00	\$20,000	\$60,000	MPLS Park and Rec Board	\$80,000
Summer Youth Crew Leaders	0.30	5.00	\$0	\$9,000	MPLS Park and Rec Board	\$9,000
Summer Youth Crews (20 teens part time seasonal)	2.70	5.00	\$0	\$46,000	MPLS Park and Rec Board	\$46,000
Total	3.36	20.00	\$40,000	\$160,000	-	\$200,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	City of St. Paul Floodplain Forest	\$11,000	\$16,000		\$27,000
Contracts	City of St. Paul Floodplain Forest	\$210,000	\$0		\$210,000
Fee Acquisition w/ PILT	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Fee Acquisition w/o PILT	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Easement Acquisition	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Easement Stewardship	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Travel	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Professional Services	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Direct Support Services	City of St. Paul Floodplain Forest	\$0	\$0		\$0
DNR Land Acquisition Costs	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Capital Equipment	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Other Equipment/Tools	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Supplies/Materials	City of St. Paul Floodplain Forest	\$6,000	\$0		\$6,000
DNR IDP	City of St. Paul Floodplain Forest	\$0	\$0		\$0
Total	-	\$227,000	\$16,000	-	\$243,000

Personnel - City of St. Paul Floodplain Forest

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.03	5.00	\$11,000	\$16,000	Cty of St Paul P & R	\$27,000
Total	0.03	5.00	\$11,000	\$16,000	-	\$27,000

Output Tables

Table 1. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	171	254	80	1,177	1,682
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	195	116	553	419	1,283
Total	366	370	633	1,596	2,965

Table 2. Total Requested Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$150,000	\$698,500	\$220,000	\$1,694,700	\$2,763,200
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$973,800	\$490,000	\$1,341,200	\$847,900	\$3,652,900
Total	\$1,123,800	\$1,188,500	\$1,561,200	\$2,542,600	\$6,416,100

Table 3. Acres within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	1,682	0	0	0	0	1,682
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	1,283	0	0	0	0	1,283
Total	2,965	0	0	0	0	2,965

Table 4. Total Requested Funding within each Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest	Total
Restore	\$2,763,200	\$0	\$0	\$0	\$0	\$2,763,200
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$3,652,900	\$0	\$0	\$0	\$0	\$3,652,900
Total	\$6,416,100	\$0	\$0	\$0	\$0	\$6,416,100

Table 5. Target Lake/Stream/River Miles

3 miles

Parcel List

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
Mississippi West Regional Park	03225233	50	\$135,000	Yes
Mississippi West Regional Park	03225228	70	\$135,000	Yes
Rum River Central Regional Park	03324231	45	\$200,000	Yes

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?
Lake Minnewashta Regional Park	11623212	37	\$111,000	Yes

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?
Lilydale Regional Park	02823214	54	\$227,000	Yes
Whitetail Woods Regional Park	11419210	90	\$225,000	yes
Whitetail Woods Regional Park	11419215	97	\$200,000	yes
Whitetail Woods Regional Park	11419210	47	\$117,500	yes
Whitetail Woods Regional Park	11419215	203	\$507,500	yes

Hennepin

Name	TRDS	Acres	Est Cost	Existing Protection?
Baker Park Reserve	11823212	924	\$210,000	Yes
Wirth Regional Park	02924220	213	\$865,000	Yes

Ramsey

Name	TRDS	Acres	Est Cost	Existing Protection?
Battle Creek Regional Park	02822203	72	\$468,000	Yes

Scott

Name	TRDS	Acres	Est Cost	Existing Protection?
Cleary Lake Regional Park	11421207	153	\$400,000	Yes
DKRP Phase 1 MU1	11322202	80	\$90,000	Yes
DKRP Phase 1 MU 2, 3, 4 and 5	11322202	130	\$350,000	Yes
DKRP Phase 1 MU6 & MU7	11322202	134	\$319,000	Yes
DKRP Phase 1 MU8	11322211	48	\$137,000	Yes
SLRP Phase 1 MU1	11422204	50	\$90,000	Yes
SLRP Phase 1 MU2	11522233	61	\$80,000	Yes
SLRP Phase 1 MU3, 7 & 8	11422204	75	\$206,000	Yes
SLRP Phase 1 MU4	11422204	10	\$62,000	Yes
SLRP Phase 1 MU5	11422204	26	\$60,000	Yes
SLRP Phase 1 MU6	11422204	22	\$100,000	Yes
SLRP Phase 1 MU9	11422204	25	\$100,000	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
Washington County Wetlands	02921222	110	\$400,000	Yes
Washington County Woodlands	02921222	217	\$350,000	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.