

Lessard-Sams Outdoor Heritage Council Laws of Minnesota 2013 Final Report



Date: August 21, 2018

Program or Project Title: Metro Big Rivers Phase 4

Funds Recommended: \$1,720,000

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Legislative Citation: ML 2013, Ch. 137, Art. 1, Sec. 2, Subd. 5(d)

Appropriation Language: \$1,720,000 in the first year is to the commissioner of natural resources for agreements to acquire land in fee and as permanent conservation easements and to restore and enhance natural systems associated with the Mississippi, Minnesota, and St. Croix Rivers as follows: \$450,000 to the Minnesota Valley National Wildlife Refuge Trust, Inc.; \$160,000 to the Friends of the Mississippi; \$210,000 to the Great River Greening; \$450,000 to the Minnesota Land Trust; and \$450,000 to the Trust for Public Land. Up to \$80,000 is for establishing a monitoring and enforcement fund, as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of proposed land acquisitions and permanent conservation easements must be provided as part of the required accomplishment plan.

County Locations: Anoka, Dakota, Ramsey, and Washington.

Regions in which work was completed:

- Metro / Urban

Activity types:

- Protect in Easement
- Restore
- Enhance
- Protect in Fee

Priority resources addressed by activity:

- Wetlands
- Forest
- Prairie
- Habitat

Summary of Accomplishments:

Metro Big Rivers' restoration and enhancement partners (FMR and GRG) achieved their goals, converting through restoration a former rail yard in the urban core to 32 acres of prairie and enhancing 98 acres of prairie and forest at four other public conservation sites in the metropolitan area. The easement partner (MLT) exceeded goals and permanently protected 131 acres under two conservation easements in Washington County. The fee title acquisition partners (MVT and TPL) were unable to complete the major acquisition they pursued together for the MN Valley National Wildlife Refuge due to landowner change of mind. The OHF grant funds spent were leveraged almost 1:1 with \$800,350 in other, mostly non-state funds.

Process & Methods:

Metro Big Rivers partners' Phase 4 accomplishments, process and methods are described below. Additional information, photos and site maps are provided in attachments about each project accomplished.

Friends of Mississippi River (FMR) enhanced forest and prairie habitat on 54 acres in Dakota and Washington Counties. These sites are situated within the Mississippi River corridor and provide important habitat for a variety of wildlife. Over 320 species of birds use the corridor for spring and fall migration, and need stopover sites like these two natural areas for refueling. In addition, with populations of pollinator species declining, there is need to increase the quality and quantity of pollinator-friendly habitat, even with small habitat patches, to prevent further declines. These sites are also near or adjacent to other protected natural areas, adding important benefits of habitat linkages for wildlife. FMR's work included \$31,400 in leverage funds and in-kind support from local partners and high school students to complete the following activities:

- Cottage Grove Ravine Regional Park - FMR enhanced 35 acres of oak forest, 3 acres of remnant bluff prairie, and 1 acre of prairie at this natural area in Cottage Grove. Activities included forestry mowing and hand-cutting invasive woody vegetation, foliar treatments for re-sprouting stems, broadcasting native seed and conducting prescribed burns.

- Vermillion Linear Park - FMR enhanced 6 acres of riparian forest and 9 acres of prairie at this natural area on the Vermillion River in Hastings. Activities included hand-cutting invasive woody vegetation across the entire project area, foliar treatments for re-sprouting woody stems and herbaceous invasives, broadcasting native seed, and planting native trees, shrubs, wildflowers, and sedges. Additional prairie-specific activities included grassland prep (sprays, burn, tilling, and harrowing), native seeding, mowing, spot treatments and a prescribed burn.

Great River Greening (GRG) exceeded its original goals by restoring and enhancing 76 acres total in Anoka and Ramsey Counties (66 acres were proposed). Leverage funds of \$131,950 helped GRG restore 32 acres of prairie, enhance another 5 acres prairie and enhance 39 acres forest, as follows:

- Martins Meadows - GRG enhanced 39 acres of forest habitat on this City of Andover Open Space site situated on the Rum River (29 acres were proposed). Activities included removal of woody invasives (common buckthorn, honeysuckle, amur maple), tree thinning, woody encroachment removal, mowing, seeding and planting. The improved habitat will benefit Species of Greatest Conservation Need (SGCN), including red-shouldered hawk, blanding's turtle and gopher snake, all of which have documented occurrences just up and down stream of the site.

- Trout Brook Nature Sanctuary (Trillium Nature Preserve) - This former rail yard on St Paul's east side was transformed through a major restoration effort into a new naturalized area that reflects its original state. Over the course of the project, 32 acres were restored to prairie and an additional 5 prairie acres were enhanced through woody invasives removal. Activities included mowing, herbicide application, tree thinning, tree planting and prairie seeding. The restoration of this site presented unique challenges because removal of contaminated soil required use of heavy equipment, thereby compacting the soils and requiring additional seeding preparation work to establish vegetation. The nature sanctuary is a refuge for wildlife in an otherwise urban complex. It also offers residents who are otherwise underserved in this part of St Paul access to natural space and wildlife.

Minnesota Land Trust (MLT) exceeded its goals by closing on two perpetual conservation easements within the St. Croix River corridor in Washington County. In total, 131 acres of high-quality habitat were protected by permanent easement under MBR 4, surpassing the 120-acre goal. MLT leveraged \$637,000 in donated value across both easement acquisitions, a 2:1 ratio relative to acquisition funding provided by the OHF grant. The two properties protected under permanent conservation easements are:

- Old Mill Stream (Kingston) -- This 44-acre easement protects high-quality wetlands, forest and grasslands along 5,920 feet of Old Mill Stream, a state-designated trout stream in Washington County with a viable population of brook trout. The easement is abutted by William O'Brien State Park on three sides. Approximately 22 acres of the property are characterized as a Site of Moderate Biodiversity Significance by the DNR due to the presence of rare species and moderate quality natural communities, which provides key habitat for a variety of Species in Greatest Conservation Need (SGCN), including red-shouldered hawk, northern long-eared bat and least weasel. This property is located within the Audubon Society's St. Croix Bluffs Important Bird Area (IBA), which functions as a vital migratory corridor. In particular, it is important nesting grounds for great blue heron and bald eagle.

- St. Croix River (Dockstader Trust) -- This 87-acre easement protects high-quality mesic hardwood forest along the bluffs of the St. Croix River Valley in Washington County. The protected property is directly adjacent to a scenic easement held by the National Park Service, which is part of a connected corridor of scenic easements extending 11 miles along the St. Croix River north of Stillwater. The protected property lies within an Important Bird Area (IBA) of global importance identified by the Audubon Society, and provides important habitat for a variety of Species in Greatest Conservation Need (SGCN).

Minnesota Valley Trust (MVT) & Trust for Public Land (TPL): MVT and TPL were unable to acquire a large, high-priority property in Hennepin County for the Uprala Unit of the Minnesota Valley National Wildlife Refuge. Unfortunately, negotiations that were moving

forward ended when a member of the landowner group (a hunting club) changed their mind about selling. Club rules required two-thirds of shareholders to agree to the sale and did not allow the property to be divided. Consequently, MVT and TPL did not expend funds from this appropriation.

Explain Partners, Supporters, & Opposition:

FMR:

- City of Hastings - \$3,600 cash match, in-kind tree removal and project support (mulch, etc)
- Hastings High School - in-kind support from high school students who assisted with removing invasive species and planting natives to improve diversity and shoreline stabilization in the riparian areas
- Washington County Parks - in-kind support with project coordination, assistance at volunteer events and brush disposal
- FMR Restoration Fund - \$7,800 cash match
- 3M Foundation - \$20,000 cash grant for volunteer restoration events

GRG:

- City of Andover (Martin's Meadows) - \$5,000 cash match
- City of Saint Paul (Trout Brook Nature Sanctuary) - \$60,000 cash match
- Environmental and Natural Resource Trust Fund (Trout Brook Nature Sanctuary) - \$35,565 cash match
- Major League Baseball (Trout Brook Nature Sanctuary) - \$8,291 cash match

MLT: Landowners donated \$637,000 in easement value, a 2:1 ratio relative to OHF grant funds.

Additional Comments:

Exceptional challenges, expectations, failures, opportunities, or unique aspects of program

FMR found forestry mowing significantly reduced the cover of buckthorn, did not negatively impact native woodland plants, and provided chipped woody debris that deterred seedling buckthorn. The new 1-acre prairie along the lakeshore provided an anchor to a very erodible shoreline. Restoration dramatically transformed Vermillion Linear Park, which became a living laboratory for local high school students.

GRG overcame unique challenges at Trout Brook Nature Sanctuary after heavy-handed remediation of the contaminated soil. The contractor had to return several times to turn and lighten the soil. Yellow and white clover were added to the seed mix to speed up establishing vegetation.

MLT's contracts with local conservation partners successfully built a pool of easement candidates by connecting with landowners through local people they know and trust.

MVT and TPL were very disappointed when the hunting club changed its mind and decided not to sell their property.

Other Funds Received:

- Environmental and Natural Resource Trust Fund

How were the funds used to advanced the program:

Great River Greening used an Environment and Natural Resources Fund grant of \$35,565 at the Trout Brook Nature Sanctuary. The ENRTF funds purchased plants (trees, shrubs and plugs), materials and supplies for a public planting event.

What is the plan to sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

Friends of Mississippi River and Great River Greening - The governmental entities that own the properties on which OHF-funded restoration and enhancement work is done accept the responsibility to maintain and sustain that investment. MBR's restoration and enhancement partners, Friends of the Mississippi River (FMR) and Great River Greening (GRG), continue working with those entities to monitor the work, recommend maintenance work and identify opportunities to build on the work done.

FMR continues to invest in sustaining and expanding on the habitat enhancement work at both Cottage Grove Ravine Park and Vermillion Linear Park. Additional funding to expand the habitat work at these sites has been received from Conservation Partners Legacy Grant, the Environment and Natural Resources Trust Fund, and the Metro Big Rivers Phase 8 / ML 2018 Outdoor Heritage Funds as awarded by the Lessard-Sams Outdoor Heritage Council. We have a partnership with the City of Hastings to continue to enhance the habitat at the Vermillion Linear Park.

GRG has met with the respective staff of the Cities of Andover and St. Paul to walk the properties and discuss future management tasks and goals. GRG also conducts periodic site visits of completed projects to assess the maintenance and success of the sites. If there are any issues they are then communicated to the public landowner.

Minnesota Land Trust – Lands protected through conservation easements will be sustained through best standards, which includes annual property monitoring, records management, tracking changes in ownership, investigating potential violations and defending the easement in case of a true violation. While the responsibility of managing these properties ultimately falls to the individual landowner, MLT also works to connect landowners to technical services and resources available for managing the land and enhancing its conservation values. One of the benefits of working directly with local partners has been a more coordinated approach to communication with landowners to address and fund management needs.

Outcomes:

The original accomplishment plan stated the program would

Programs in metropolitan urbanizing region:

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need
- Core areas protected with highly biologically diverse wetlands and plant communities, including native prairie, Big Woods, and oak savanna
- Protected habitats will hold wetlands and shallow lakes open to public recreation and hunting

How will the outcomes be measured and evaluated?

Metro Big Rivers partners work together and with our public partners to identify priority lands using existing data and public plans. We then coordinate protection, restoration and enhancement activities in those priority areas. Work builds upon prior phases and is intended to continue into the future for maximum impact. Mapping shows progress in connecting corridors. Species collections and counts measure impact of activities over time on wildlife and species of greatest conservation need.

Budget Spreadsheet

Final Budget line item reallocations are allowed up to 10% and do not need require an amendment to the Accomplishment Plan

Total Amount: \$1,720,000

Budget and Cash Leverage

Budget Name	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$139,100	\$95,200	\$48,900	\$67,600	City of Andover, City of St. Paul, 3M Foundation	\$188,000	\$162,800
Contracts	\$263,500	\$266,300	\$37,000	\$37,500	City of Hastings, FMR Restoration Fund, 3M Foundation, City of St. Paul	\$300,500	\$303,800
Fee Acquisition w/ PILT	\$105,600	\$0	\$20,200	\$0		\$125,800	\$0
Fee Acquisition w/o PILT	\$784,400	\$0	\$179,800	\$0		\$964,200	\$0
Easement Acquisition	\$260,000	\$328,000	\$0	\$637,000	Landowner donative value on easement acquisition	\$260,000	\$965,000
Easement Stewardship	\$80,000	\$40,000	\$0	\$0		\$80,000	\$40,000
Travel	\$4,400	\$3,100	\$0	\$700	Hastings United Way, Hastings High School, 3M Foundation	\$4,400	\$3,800
Professional Services	\$38,000	\$45,000	\$2,000	\$0		\$40,000	\$45,000
Direct Support Services	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	\$10,000	\$0	\$0	\$0		\$10,000	\$0
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$8,000	\$7,800	\$0	\$0		\$8,000	\$7,800
Supplies/Materials	\$27,000	\$31,700	\$50,100	\$57,500	Environment and Natural Resources Trust Fund, McNeely Foundation, Mortenson Family Foundation, Capitol Region Watershed, Major League Baseball, Hastings United Way, FMR Restoration Fund	\$77,100	\$89,200
DNR IDP	\$0	\$0	\$0	\$0		\$0	\$0
Total	\$1,720,000	\$817,100	\$338,000	\$800,300		\$2,058,000	\$1,617,400

Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
MLT - Conservation & Legal Staff	0.30	3.00	\$36,000	\$0		\$36,000
Conservation Director	0.01	3.00	\$0	\$0		\$0
Ecologist / Project Coordinator	0.03	3.00	\$0	\$0		\$0
Ecologist	0.02	3.00	\$0	\$0		\$0
Accountant / Bookkeeper	0.01	3.00	\$0	\$0		\$0
FMR Personnel	0.00	0.00	\$16,000	\$15,700	3M Foundation	\$31,700
GRC Personnel	0.00	0.00	\$43,200	\$51,900	City of Andover, City of St. Paul	\$95,100
Project Manager / Ecologist	0.09	3.00	\$0	\$0		\$0
Director Conservation Programs	0.03	0.00	\$0	\$0		\$0
Crew Supervisor / Member	0.32	3.00	\$0	\$0		\$0
Volunteer Coordinator	0.04	3.00	\$0	\$0		\$0
Director Finance	0.02	3.00	\$0	\$0		\$0
Total	0.87	27.00	\$95,200	\$67,600		\$162,800

Budget and Cash Leverage by Partnership

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Contracts	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	Minnesota Valley Trust	\$450,000	\$0	\$112,000	\$0		\$562,000	\$0
Easement Acquisition	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Travel	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Professional Services	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	Minnesota Valley Trust	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$450,000	\$0	\$112,000	\$0		\$562,000	\$0

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Minnesota Land Trust	\$70,000	\$36,000	\$0	\$0		\$70,000	\$36,000
Contracts	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	Minnesota Land Trust	\$260,000	\$328,000	\$0	\$637,000	Landowner donative value on easement acquisition	\$260,000	\$965,000
Easement Stewardship	Minnesota Land Trust	\$80,000	\$40,000	\$0	\$0		\$80,000	\$40,000
Travel	Minnesota Land Trust	\$2,000	\$900	\$0	\$0		\$2,000	\$900
Professional Services	Minnesota Land Trust	\$38,000	\$45,000	\$0	\$0		\$38,000	\$45,000
Direct Support Services	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	Minnesota Land Trust	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$450,000	\$449,900	\$0	\$637,000		\$450,000	\$1,086,900

Personnel - Minnesota Land Trust

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
MLT - Conservation & Legal Staff	0.30	3.00	\$36,000	\$0		\$36,000
Total	0.30	3.00	\$36,000	\$0		\$36,000

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Contracts	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	Trust for Public Land	\$105,600	\$0	\$20,200	\$0		\$125,800	\$0
Fee Acquisition w/o PILT	Trust for Public Land	\$334,400	\$0	\$67,800	\$0		\$402,200	\$0
Easement Acquisition	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Travel	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Professional Services	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Trust for Public Land	\$10,000	\$0	\$0	\$0		\$10,000	\$0
Capital Equipment	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$450,000	\$0	\$88,000	\$0		\$538,000	\$0

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Friends of Mississippi River	\$13,100	\$16,000	\$6,000	\$15,700	3M Foundation	\$19,100	\$31,700
Contracts	Friends of Mississippi River	\$143,500	\$140,400	\$0	\$7,500	City of Hastings, FMR Restoration Fund, 3M Foundation	\$143,500	\$147,900
Fee Acquisition w/o PILT	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Travel	Friends of Mississippi River	\$400	\$700	\$0	\$700	Hastings United Way, Hastings High School, 3M Foundation	\$400	\$1,400
Professional Services	Friends of Mississippi River	\$0	\$0	\$2,000	\$0		\$2,000	\$0
Direct Support Services	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	Friends of Mississippi River	\$3,000	\$2,900	\$500	\$7,500	Hastings United Way, FMR Restoration Fund	\$3,500	\$10,400
DNR IDP	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$160,000	\$160,000	\$8,500	\$31,400		\$168,500	\$191,400

Personnel - Friends of Mississippi River

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Director	0.01	3.00	\$0	\$0		\$0
Ecologist / Project Coordinator	0.03	3.00	\$0	\$0		\$0
Ecologist	0.02	3.00	\$0	\$0		\$0
Accountant / Bookkeeper	0.01	3.00	\$0	\$0		\$0
FMR Personnel	0.00	0.00	\$16,000	\$15,700	3M Foundation	\$31,700
Total	0.07	12.00	\$16,000	\$15,700		\$31,700

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Great River Greening	\$56,000	\$43,200	\$42,900	\$51,900	City of Andover, City of St. Paul	\$98,900	\$95,100
Contracts	Great River Greening	\$120,000	\$125,900	\$37,000	\$30,000	City of St. Paul	\$157,000	\$155,900
Fee Acquisition w/ PILT	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Travel	Great River Greening	\$2,000	\$1,500	\$0	\$0		\$2,000	\$1,500
Professional Services	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Great River Greening	\$8,000	\$7,800	\$0	\$0		\$8,000	\$7,800
Supplies/Materials	Great River Greening	\$24,000	\$28,800	\$49,600	\$50,000	Environment and Natural Resources Trust Fund, McNeely Foundation, Mortenson Family Foundation, Capitol Region Watershed, Major League Baseball	\$73,600	\$78,800
DNR IDP	Great River Greening	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$210,000	\$207,200	\$129,500	\$131,900		\$339,500	\$339,100

Personnel - Great River Greening

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
GRG Personnel	0.00	0.00	\$43,200	\$51,900	City of Andover, City of St. Paul	\$95,100
Project Manager / Ecologist	0.09	3.00	\$0	\$0		\$0
Director Conservation Programs	0.03	0.00	\$0	\$0		\$0
Crew Supervisor / Member	0.32	3.00	\$0	\$0		\$0
Volunteer Coordinator	0.04	3.00	\$0	\$0		\$0
Director Finance	0.02	3.00	\$0	\$0		\$0
Total	0.50	12.00	\$43,200	\$51,900		\$95,100

Explain any budget challenges or successes:

Not Listed

All revenues received by the recipient that have been generated from activities on land with money from the OHF:

Total Revenue: \$0

Revenue Spent: \$0

Revenue Balance: \$0

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	0	0	32	32	0	0	0	0	32	32
Protect in Fee with State PILT Liability	3	0	2	0	4	0	2	0	11	0
Protect in Fee W/O State PILT Liability	55	0	34	0	51	0	5	0	145	0
Protect in Easement	0	0	0	0	0	0	120	131	120	131
Enhance	0	0	5	18	89	80	5	0	99	98
Total	58	0	73	50	144	80	132	131	407	261

Table 1b. How many of these Prairie acres are Native Prairie?

Type	Native Prairie (original)	Native Prairie (final)
Restore	0	0
Protect in Fee with State PILT Liability	0	0
Protect in Fee W/O State PILT Liability	0	0
Protect in Easement	0	0
Enhance	0	0
Total	0	0

Table 2. Total Funding by Resource Type

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	\$0	\$0	\$83,000	\$83,000	\$0	\$0	\$0	\$0	\$83,000	\$83,000
Protect in Fee with State PILT Liability	\$34,700	\$0	\$23,100	\$0	\$40,500	\$0	\$17,300	\$0	\$115,600	\$0
Protect in Fee W/O State PILT Liability	\$280,300	\$0	\$179,400	\$0	\$274,500	\$0	\$50,200	\$0	\$784,400	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$449,900	\$450,000	\$449,900
Enhance	\$0	\$0	\$10,000	\$42,100	\$273,000	\$242,100	\$4,000	\$0	\$287,000	\$284,200
Total	\$315,000	\$0	\$295,500	\$125,100	\$588,000	\$242,100	\$521,500	\$449,900	\$1,720,000	\$817,100

Table 3. Acres within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	ForestPrairie (original)	Forest Prairie (final)	SEForest (original)	SE Forest (final)	Prairie (original)	Prairie (final)	N Forest (original)	N Forest (final)	Total (original)	Total (final)
Restore	32	32	0	0	0	0	0	0	0	0	32	32
Protect in Fee with State PILT Liability	11	0	0	0	0	0	0	0	0	0	11	0
Protect in Fee W/O State PILT Liability	145	0	0	0	0	0	0	0	0	0	145	0
Protect in Easement	120	131	0	0	0	0	0	0	0	0	120	131
Enhance	99	98	0	0	0	0	0	0	0	0	99	98
Total	407	261	0	0	0	0	0	0	0	0	407	261

Table 4. Total Funding within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	ForestPrairie (original)	Forest Prairie (final)	SE Forest (original)	SE Forest (final)	Prairie (original)	Prairie (final)	N Forest (original)	N Forest (final)	Total (original)	Total (final)
Restore	\$83,000	\$83,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83,000	\$83,000
Protect in Fee with State PILT Liability	\$115,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115,600	\$0
Protect in Fee W/O State PILT Liability	\$784,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$784,400	\$0
Protect in Easement	\$450,000	\$449,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$450,000	\$449,900
Enhance	\$287,000	\$284,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$287,000	\$284,200
Total	\$1,720,000	\$817,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,720,000	\$817,100

Target Lake/Stream/River Feet or Miles (original)

0.25

Target Lake/Stream/River Feet or Miles (final)

2.17 miles

Explain the success/shortage of acre goals:

Minnesota Valley Trust (MVT) & Trust for Public Land (TPL) were very disappointed when the hunting club changed its mind about selling the 1000-acre Upgrala parcel, which has been a high priority acquisition for the Minnesota Valley National Wildlife Refuge for many years. While we felt this final attempt was going to be successful, we were unable to finalize the purchase and ran out of time to use the grants.

Parcel List

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
G RG Martins Meadows Open Space	03224207	39	\$117,000	Yes	Enhance prairie, oak savanna, floodplain forest and upland oak woodland along the Rum River

Dakota

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
FMR Vermillion Linear Park	11517233	15	\$36,000	Yes	Enhance riparian buffer and woodland in Mississippi River Corridor

Ramsey

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
G RG Trillium Nature Preserve	02922230	37	\$93,000	Yes	Restore prairie, oak savanna and oak woodland, and enhance Big Woods forest along Trout Brook in Mississippi River Corridor

Washington

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
FMR Cottage Grove Ravine Regional Park	02721222	39	\$124,000	Yes	Enhance forest and riparian habitat along Vermillion River in Mississippi River Corridor

Section 2 - Protect Parcel List

Washington

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Old Mill Stream (Kingston)	03120201	44	\$308,000	No	No	No	Protect upland deciduous forest and seepage meadow plant communities mapped by MCBS and 4,030 feet of undeveloped shoreline along Old Mill Stream, a designated trout stream and key tributary to the St. Croix River. Property is adjacent to William OBrien State Park.
St. Croix River (Dockstader Trust)	03020211	87	\$20,000	No	No	No	Protect large amount of forest within St. Croix Watershed. Adjacent to land previously protected with conservation easement.

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.

Completed Parcel: FMR Cottage Grove Ravine Regional Park

# of Total Acres:	39
County:	Washington
Township:	027
Range:	21
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	35
# of Acres: Prairie/Grassland:	4
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$124,000

Completed Parcel: FMR Vermillion Linear Park

# of Total Acres:	15
County:	Dakota
Township:	115
Range:	17
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	6
# of Acres: Prairie/Grassland:	9
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Vermillion River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$36,000

Completed Parcel: GRG Martins Meadows Open Space

# of Total Acres:	39
County:	Anoka
Township:	032
Range:	24
Direction:	2
Section:	07
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	39
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Rum River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$117,000

Completed Parcel: GRG Trillium Nature Preserve

# of Total Acres:	37
County:	Ramsey
Township:	029
Range:	22
Direction:	2
Section:	30
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	37
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$93,000

Completed Parcel: Old Mill Stream (Kingston)

# of Total Acres:	44
County:	Washington
Township:	031
Range:	20
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	23
# of Acres: Forest:	11
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	5920 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Old Mill Stream, ponds, intermittent streams
Has there been signage erected at the site:	No - Signs were given to landowner at closing. We will verify if they have been erected during the annual monitoring visit.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-917-6292
Purchase Date:	June 13, 2017
Purchase Price:	\$308,500
Appraised Value:	\$313,000
Professional Service Costs:	\$0
Assessed Value:	\$523,000
Total Project Cost:	\$313,000
Donations:	\$5,000
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Avenue, #240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	6516479590
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave. W, Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-917-6292
Underlying Fee Owner:	Jeanne Kingston

Completed Parcel: St. Croix River (Dockstader Trust)

# of Total Acres:	87
County:	Washington
Township:	030
Range:	20
Direction:	2
Section:	11
# of Acres: Wetlands/Upland:	0
# of Acres: Forest:	74
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	0 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave W, Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-917-6292
Purchase Date:	July 19, 2016
Purchase Price:	\$20,000
Appraised Value:	\$652,000
Professional Service Costs:	\$16,580
Assessed Value:	\$1,801,800
Total Project Cost:	\$652,000
Donations:	\$632,000
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave W, Suite 240
Easement Holder City:	St Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-917-6292
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave W, Suite 240
Responsible City:	St Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-917-6292
Underlying Fee Owner:	The Richard W. Dockstader, Sr. and Sharon L. Dockstader Revocable Trust

Parcel Map

