

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2014 Final Report



Date: November 08, 2019

Program or Project Title: Metro Big Rivers Phase 5

Funds Recommended: \$2,650,000

Manager's Name: Deborah Loon

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Legislative Citation: ML 2014, Ch. 256, Art. 1, Sec. 2, Subd. 5(d)

Appropriation Language: \$2,650,000 in the second year is to the commissioner of natural resources for agreements to acquire land in fee and permanent conservation easements and to restore and enhance natural systems associated with the Mississippi, Minnesota, and St. Croix Rivers as follows: \$600,000 to Minnesota Valley National Wildlife Refuge Trust, Inc.; \$160,000 to Friends of the Mississippi River; \$400,000 to Great River Greening; \$590,000 to Minnesota Land Trust, of which up to \$77,000 is for establishing a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17; and \$900,000 to The Trust for Public Land. Lands acquired or lands with easements acquired with this appropriation may not be used for emergency haying and grazing in response to federal or state disaster declarations. Conservation grazing under a management plan that is already being implemented may continue. A list of proposed land acquisitions and permanent conservation easements must be provided as part of the required accomplishment plan.

County Locations: Carver, Dakota, Hennepin, Ramsey, and Sherburne.

Eco regions in which work was completed:

- Metro / Urban

Activity types:

- Protect in Easement
- Enhance
- Protect in Fee

Priority resources addressed by activity:

- Wetlands
- Forest
- Prairie
- Habitat

Summary of Accomplishments:

In Phase 5, Friends of the Mississippi River and Great River Greening enhanced 277 acres at six sites, exceeding their goals by 48 acres (21%). The Minnesota Valley Trust acquired fee title to 32.4 acres for two high-priority additions to the Rapids Lake Unit, Minnesota Valley National Wildlife Refuge. The Minnesota Land Trust and the Trust for Public Land were unable to finalize their easement and fee title acquisitions when landowners changed their minds. OHF grant funds spent were leveraged more than 110% with \$1,343,128 in other funds.

Process & Methods:

Friends of the Mississippi River (FMR) exceeded its acreage objectives by enhancing 90 acres at the W.H. Houlton Conservation Area (70 acres were proposed). This forest enhancement project at the confluence of the Elk and Mississippi Rivers in Sherburne County was on part of the land acquired with OHF funds by the Trust for Public Land (MBR Phases 2 and 3 / ML 2011 and 2012). A total of 90 acres were enhanced (exceeding the goal of 70 acres) through woody invasive species management, including forestry mowing, multiple herbicide treatments and native woodland grass and sedge seeding. These efforts dramatically transformed this site, which initially had such a dense sub-canopy of buckthorn that it prevented the regeneration of most other shrubs and trees. OHF funds were leveraged with \$34,595 in other funds.

FMR is restoring and enhancing other parts of the Houlton Conservation Area through MBR phases 7 (restoration of 180 acre agricultural field) and MBR 8 (enhancement of 80 acres forest).

Great River Greening (GRG) exceeded its original goals by restoring and enhancing 187 acres total in Carver, Dakota, Hennepin and Ramsey Counties (159 acres were proposed). Leverage funds of \$179,000 helped GRG enhance 30 acres of prairie and 157 acres, as follows:

- Alimagnet Park - This forest enhancement project in Dakota County is complete and deliverables were met. A total of 20 acres of forest were enhanced through selective timber harvest, cutting of woody invasives, and multiple herbicide treatments on buckthorn and other invasive species.
- Carver Park Preserve - Goals were exceeded on this forest enhancement project in Carver County. A total of 90 acres of forest were enhanced (exceeding the goal by 20 acres) through woody invasive species management, including forestry mowing, herbicide applications and prescribed burning.
- Pond Dakota Mission Park & Minnesota River Valley (City of Bloomington property) - This project along the Minnesota River in Hennepin County concluded in the spring of 2018 after crews completed a selective thinning of the forest canopy and removal of exotic tree and shrub species (buckthorn and honeysuckle). Large material was hauled out of the valley while smaller material was piled and burned. Over the course of the project, 22 acres were enhanced.
- Terrace Oak Park - This forest enhancement project in Dakota County is complete and deliverables were met. A total of 19 acres of forest were enhanced through woody invasive species management, including forestry mowing and multiple herbicide treatments.
- Trout Brook Nature Preserve - This prairie enhancement project in the Trout Brook Greenway in St. Paul was completed at the end of September 2017 and deliverables were met. 30 prairie acres were enhanced through woody invasive species removal, prairie establishment maintenance, woodland tree and shrub planting, and prairie pollinator nursery plot plantings.

The Minnesota Valley Trust (MVT) added 32.4 acres to the Rapids Lake Unit of the Minnesota Valley National Wildlife Refuge through two high-priority fee title acquisitions. Both parcels are adjacent to the Refuge and a DNR Wildlife Management Area that is managed by the USFWS.

These acquisitions protected significant oak savanna, remnant prairie, oak basswood forest and seasonal ephemeral wetlands from residential development. An initial BioBlitz in 2018 identified more than 200 species, including the endangered Henslow's Sparrow, Bloodroot, Pasqueflower, Kittenail (a state threatened species), Buffalo Bean, Bergamot and Common, Whorled and Green Milkweeds. Bur Oaks with wide branching limbs are indicative of historic oak savanna.

The OHF grant of \$600,000 was leveraged with (1) \$679,863 in other, private funds to complete the 20.56-acre acquisition and (2) \$449,345 in other, private funds to acquire the 11.83-acre parcel. Total leverage was \$1,129,208.

Habitat restoration and enhancement will include removal of invasive woody species, seeding the former building sites and prescribed fire. After restoration, the property will be transferred to the USFWS and opened to the public for hunting and other wildlife-dependent recreational opportunities.

The Minnesota Land Trust (MLT) and its partner, Washington County, were not successful in securing a conservation easement on property owned by the Manitou Fund at Terrapin Lake in Washington County. Discussions with the landowner took a step backward in fall 2017, prompting all parties to look for alternative ways to realize the mutual desires of ensuring long-term conservation of this important resource. In early 2018, the landowner approached MLT and Washington County with renewed interest but backed away again from the project. All of the funding through this grant to MLT was earmarked for this high-priority project. With the project not being finalized, we were unable to secure any deliverables for the grant and returned the majority of funding to the State.

The Trust for Public Land (TPL) was unable to spend most of this appropriation, as the owners of the prospective 194-acre addition to Bayport WMA unexpectedly changed their minds and signed a contract to sell the land to a developer. \$20,000 in DNR Land Acquisition

Costs was released to the DNR for their appraisal and administrative costs related to this project.

Explain Partners, Supporters, & Opposition:

FMR partners provided leverage of \$34,596 -- City of Elk River \$26,000, Three Rivers Community Foundation \$4,100 and Friends of Houlton \$4,496.

GRG partners provided leverage of \$118,325 -- City of Apple Valley \$20,000, City of Bloomington \$30,000, City of Burnsville \$12,000, City of St. Paul \$14,825, 3M Foundation \$4,000, Patagonia \$3,000, Three Rivers Park District \$30,000, St. Paul Garden Club \$4,500.

MVT provided private funds of \$1,129,208 to leverage the OHF grant and complete its fee title acquisition for the Rapids Lake Unit of the Minnesota Valley National Wildlife Refuge.

Additional Comments:

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

The forests at the Houlton Conservation Area were dramatically transformed by woody invasive species removal. Buckthorn constituted most of the subcanopy and prevented regeneration of other shrubs and trees. Forestry mowing cost-effectively and quickly eliminated this seed source and created room for plants to grow, while minimizing chemical usage. Because buckthorn removal from the adjacent island had to wait for MBR8, seed inputs continued until we removed that buckthorn last winter. Going forward, prescribed burns and planting native shrubs and trees will knock back remaining buckthorn seedlings and provide structure and diversity at the site.

GRG faced unique challenges at Pond Dakota/MN River Valley in Bloomington due to steep terrain and lack of access for equipment to get into the MN River Valley bluffs. Initial budget estimates for tree thinning and buckthorn treatment were not sufficient, so other OHF funds were accessed to offset the difference in cost.

Other Funds Received:

- Environmental and Natural Resource Trust Fund

How were the funds used to advanced the program:

Great River Greening used \$61,000 in grant funds from the Environment and Natural Resources Trust Fund on enhancement work at Trout Brook Nature Sanctuary and Carver Park Reserve. The ENRTF funds augmented the enhancement activities not fully funded by the Outdoor Heritage Fund grant through LSOHC.

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

FMR continues sustaining and expanding on the habitat enhancement work at the W.H. Houlton Conservation Area. Two additional LSOHC grants (MBR7 / ML2016 and MBR8 / ML2018) are restoring 160 prairie acres and enhancing 85 forested acres. FMR provides on-going partnership with the City of Elk River, which owns the site, and collaborates with the Houlton Friends group to provide support and advice about site stewardship. We will seek additional funds as needed to maintain and sustain the investment in this site.

GRG and respective staff of the various public entities we partnered with have walked the properties and identified 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.

MVT coordinates closely with the Minnesota Valley National Wildlife Refuge, USFWS for all acquisitions and followup habitat work. The USFWS accepts responsibility for sustaining the investments made in lands acquired, restored and enhanced by MVT and transferred to the Refuge. MVT will continue working with USFWS and seek outside funds when needed for further enhancement work.

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?

Partners work together to identify priority lands using existing data and public plans, 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: \$2,650,000

Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$199,800	\$100,800	\$102,000	\$118,400	Cities of Apple Valley (\$20,000), Bloomington (\$30,000), Burnsville (\$12,000), St. Paul (\$14,825); Patagonia (\$3,000), Three Rivers Park District (\$30,000), Three Rivers Community Foundation, Friends of Houlton	\$301,800	\$219,200
Contracts	\$347,000	\$447,000	\$0	\$87,000	MN Environment & Natural Resources Trust Fund, City of Elk River	\$347,000	\$534,000
Fee Acquisition w/ PILT	\$880,000	\$0	\$100,000	\$0	Various	\$980,000	\$0
Fee Acquisition w/o PILT	\$600,000	\$595,000	\$150,000	\$1,129,200	Private Source	\$750,000	\$1,724,200
Easement Acquisition	\$385,000	\$0	\$0	\$0		\$385,000	\$0
Easement Stewardship	\$77,000	\$0	\$0	\$0		\$77,000	\$0
Travel	\$6,700	\$3,900	\$0	\$0		\$6,700	\$3,900
Professional Services	\$50,000	\$7,700	\$0	\$0		\$50,000	\$7,700
Direct Support Services	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	\$20,000	\$5,400	\$0	\$0		\$20,000	\$5,400
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$13,000	\$4,400	\$0	\$0		\$13,000	\$4,400
Supplies/Materials	\$71,500	\$26,900	\$5,000	\$8,500	St. Paul Garden Club (\$4,500), 3M Foundation (\$4,000)	\$76,500	\$35,400
DNR IDP	\$0	\$0	\$0	\$0		\$0	\$0
Total	\$2,650,000	\$1,191,100	\$357,000	\$1,343,100		\$3,007,000	\$2,534,200

Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation, legal and support staff (MLT)	0.09	3.00	\$22,700	\$0		\$22,700
GRG Personnel	0.20	3.00	\$65,800	\$109,800	Cities of Apple Valley (\$20,000), Bloomington (\$30,000), Burnsville (\$12,000), St. Paul (\$14,825); Patagonia (\$3,000), Three Rivers Park District (\$30,000)	\$175,600
Conservation Director	0.01	3.00	\$1,900	\$0		\$1,900
Ecologist	0.04	3.00	\$9,600	\$8,600	Three Rivers Community Foundation, Friends of Houlton	\$18,200
Bookkeeper	0.00	3.00	\$800	\$0		\$800
Total	0.34	15.00	\$100,800	\$118,400		\$219,200

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	\$600,000	\$595,000	\$150,000	\$1,129,200	Private Source	\$750,000	\$1,724,200
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	\$1,700	\$0	\$0		\$0	\$1,700
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		\$600,000	\$596,700	\$150,000	\$1,129,200		\$750,000	\$1,725,900

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Minnesota Land Trust	\$75,000	\$22,700	\$0	\$0		\$75,000	\$22,700
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	\$385,000	\$0	\$0	\$0		\$385,000	\$0
Easement Stewardship	Minnesota Land Trust	\$77,000	\$0	\$0	\$0		\$77,000	\$0
Travel	Minnesota Land Trust	\$3,000	\$500	\$0	\$0		\$3,000	\$500
Professional Services	Minnesota Land Trust	\$50,000	\$7,700	\$0	\$0		\$50,000	\$7,700
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		\$590,000	\$30,900	\$0	\$0		\$590,000	\$30,900

Personnel - Minnesota Land Trust

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation, legal and support staff (MLT)	0.09	3.00	\$22,700	\$0		\$22,700
Total	0.09	3.00	\$22,700	\$0		\$22,700

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Great Rivr Greening	\$114,000	\$65,800	\$102,000	\$109,800	Cities of Apple Valley (\$20,000), Bloomington (\$30,000), Burnsville (\$12,000), St. Paul (\$14,825); Patagonia (\$3,000), Three Rivers Park District (\$30,000)	\$216,000	\$175,600
Contracts	Great Rivr Greening	\$200,000	\$300,000	\$0	\$61,000	MN Environment & Natural Resources Trust Fund	\$200,000	\$361,000
Fee Acquisition w/ PILT	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Travel	Great Rivr Greening	\$3,000	\$2,900	\$0	\$0		\$3,000	\$2,900
Professional Services	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	Great Rivr Greening	\$13,000	\$4,400	\$0	\$0		\$13,000	\$4,400
Supplies/Materials	Great Rivr Greening	\$70,000	\$26,900	\$5,000	\$8,500	St. Paul Garden Club (\$4,500), 3M Foundation (\$4,000)	\$75,000	\$35,400
DNR IDP	Great Rivr Greening	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$400,000	\$400,000	\$107,000	\$179,300		\$507,000	\$579,300

Personnel - Great Rivr Greening

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
GRG Personnel	0.20	3.00	\$65,800	\$109,800	Cities of Apple Valley (\$20,000), Bloomington (\$30,000), Burnsville (\$12,000), St. Paul (\$14,825); Patagonia (\$3,000), Three Rivers Park District (\$30,000)	\$175,600
Total	0.20	3.00	\$65,800	\$109,800		\$175,600

BudgetName	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	\$880,000	\$0	\$100,000	\$0	Various	\$980,000	\$0
Fee Acquisition w/o PILT	Trust for Public Land	\$0	\$0	\$0	\$0		\$0	\$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	\$20,000	\$3,700	\$0	\$0		\$20,000	\$3,700
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		\$900,000	\$3,700	\$100,000	\$0		\$1,000,000	\$3,700

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Friends of Mississippi River	\$10,800	\$12,300	\$0	\$8,600	Three Rivers Community Foundation, Friends of Houlton	\$10,800	\$20,900
Contracts	Friends of Mississippi River	\$147,000	\$147,000	\$0	\$26,000	City of Elk River	\$147,000	\$173,000
Fee Acquisition w/ PILT	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
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	\$700	\$500	\$0	\$0		\$700	\$500
Professional Services	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$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	\$1,500	\$0	\$0	\$0		\$1,500	\$0
DNR IDP	Friends of Mississippi River	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$160,000	\$159,800	\$0	\$34,600		\$160,000	\$194,400

Personnel - Friends of Mississippi River

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Director	0.01	3.00	\$1,900	\$0		\$1,900
Ecologist	0.04	3.00	\$9,600	\$8,600	Three Rivers Community Foundation, Friends of Houlton	\$18,200
Bookkeeper	0.00	3.00	\$800	\$0		\$800
Total	0.05	9.00	\$12,300	\$8,600		\$20,900

Explain any budget challenges or successes:

Two partners were unable to spend significant funds because the owners of priority parcels changed their minds late in the timeframe for this grant and decided not to sell their interests. The grant funds had been earmarked for those projects and there was not enough time to move other projects forward.

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

- E. This is not applicable as there was no revenue generated.

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	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	18	0	13	0	24	0	10	0	65	0
Protect in Fee W/O State PILT Liability	60	0	38	32	52	0	0	0	150	32
Protect in Easement	0	0	0	0	0	0	175	0	175	0
Enhance	0	0	30	30	199	247	0	0	229	277
Total	78	0	81	62	275	247	185	0	619	309

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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$250,000	\$5,000	\$180,000	\$5,000	\$332,000	\$5,000	\$138,000	\$5,000	\$900,000	\$20,000
Protect in Fee W/O State PILT Liability	\$240,000	\$0	\$150,000	\$600,000	\$210,000	\$0	\$0	\$0	\$600,000	\$600,000
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$590,000	\$30,900	\$590,000	\$30,900
Enhance	\$0	\$0	\$90,000	\$44,000	\$470,000	\$515,800	\$0	\$0	\$560,000	\$559,800
Total	\$490,000	\$5,000	\$420,000	\$649,000	\$1,012,000	\$520,800	\$728,000	\$35,900	\$2,650,000	\$1,210,700

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)	NForest (original)	N Forest (final)	Total (original)	Total (final)
Restore	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	65	0	0	0	0	0	0	0	0	0	65	0
Protect in Fee W/O State PILT Liability	150	32	0	0	0	0	0	0	0	0	150	32
Protect in Easement	175	0	0	0	0	0	0	0	0	0	175	0
Enhance	229	277	0	0	0	0	0	0	0	0	229	277
Total	619	309	0	0	0	0	0	0	0	0	619	309

Table 4. Total Funding within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	Forest Prairie (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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$900,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$20,000
Protect in Fee W/O State PILT Liability	\$600,000	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000
Protect in Easement	\$590,000	\$30,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$590,000	\$30,900
Enhance	\$560,000	\$559,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$560,000	\$559,800
Total	\$2,650,000	\$1,210,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,650,000	\$1,210,700

Automatic system calculation / not entered by managers

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

1

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

2.25 miles

Explain the success/shortage of acre goals:

Friends of Mississippi River and Great River Greening were able to stretch their OHF grant funds and bring in more leverage to exceed their enhancement acre goals. The property acquired in fee by the Minnesota Valley Trust was more expensive than usual, as it appraised for residential development value; as a result, MVT did not achieve its acreage goal. Minnesota Land Trust and the Trust for Public Land both had landowners of significant properties change their minds too late in the process, so they were unable to achieve their goals.

Parcel List

Section 1 - Restore / Enhance Parcel List

Carver

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Carver Park Preserve	11624204	90	\$144,000	Yes	Enhance oak woodland through invasive species control and prescribed fire.

Dakota

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Alimagnet City Park	11520229	22	\$60,000	Yes	Enhance oak woodland through woody invasive species control and prescribed fire.
Terrace Oaks City Park	11520217	23	\$80,000	Yes	Enhance oak woodland and oak savanna through prescribed fire and woody invasive control.

Hennepin

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Pond Dakota Mission City Park/MN Valley NWR	02724222	22	\$72,000	Yes	Enhance oak woodland, floodplain forest and seepage wetlands through invasive species control and prescribed fire.

Ramsey

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Trout Brook Nature Preserve (Phase 2)	02922230	30	\$44,000	Yes	Enhance oak savanna and woodland habitat through tree planting.

Sherburne

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Houlton Farm site	03226204	90	\$160,000	Yes	Develop a Natural Resource Management Plan for the entire site; enhance 70 acres of forest along the Mississippi River in Elk River.

Section 2 - Protect Parcel List

Carver

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Rapids Lake Unit Addition, MN Valley National Wildlife Refuge	11524225	32	\$600,000	No	Full	Full	Minnesota River: Expand MN Valley National Wildlife Refuge to protect floodplain forest, wetlands, upland / prairie

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: Alimagnet City Park

# of Total Acres:	22
County:	Dakota
Township:	115
Range:	20
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	22
# of Acres: Prairie/Grassland:	
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:	\$60,000

Completed Parcel: Carver Park Preserve

# of Total Acres:	90
County:	Carver
Township:	116
Range:	24
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	90
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Lake Lunsten
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$144,000

Completed Parcel: Houlton Farm site

# of Total Acres:	90
County:	Sherburne
Township:	032
Range:	26
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	0
# of Acres: Forest:	90
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	11880 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Mississippi River & Elk River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$160,000

Completed Parcel: Pond Dakota Mission City Park/MN Valley NWR

# of Total Acres:	22
County:	Hennepin
Township:	027
Range:	24
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	22
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Minnesota River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$72,000

Completed Parcel: Rapids Lake Unit Addition, MN Valley National Wildlife Refuge

# of Total Acres:	32
County:	Carver
Township:	115
Range:	24
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	0
# of Acres: Forest:	0
# of Acres: Prairie/Grassland:	32
Amount of Shoreline:	0 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Minnesota River is very close, but not adjacent
Has there been signage erected at the site:	No - Signage will be erected when restoration is completed and property is open to public.
Annual Reporting Organization Name:	MN Valley Trust (Metro Big Rivers)
Annual Reporting Manager Name:	Deborah Loon
Annual Reporting Address:	3815 East American Boulevard
Annual Reporting City:	Bloomington
Annual Reporting State:	MN
Annual Reporting Zip:	55425
Annual Reporting Email:	DLoon@mnvalleytrust.org
Annual Reporting Phone:	612-801-1935
Purchase Date:	April 27, 2017
Acquisition Title:	
Purchase Price:	\$1,265,000
Appraised Value:	\$1,265,000
Professional Service Costs:	\$11,059
Assessed Value:	\$580,100
Total Project Cost:	\$1,276,059
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	U.S. Fish and Wildlife Service - Refuge -
Name of the unit area or location government unit or land manager:	Minnesota Valley National Wildlife Refuge, Rapids Lake Unit

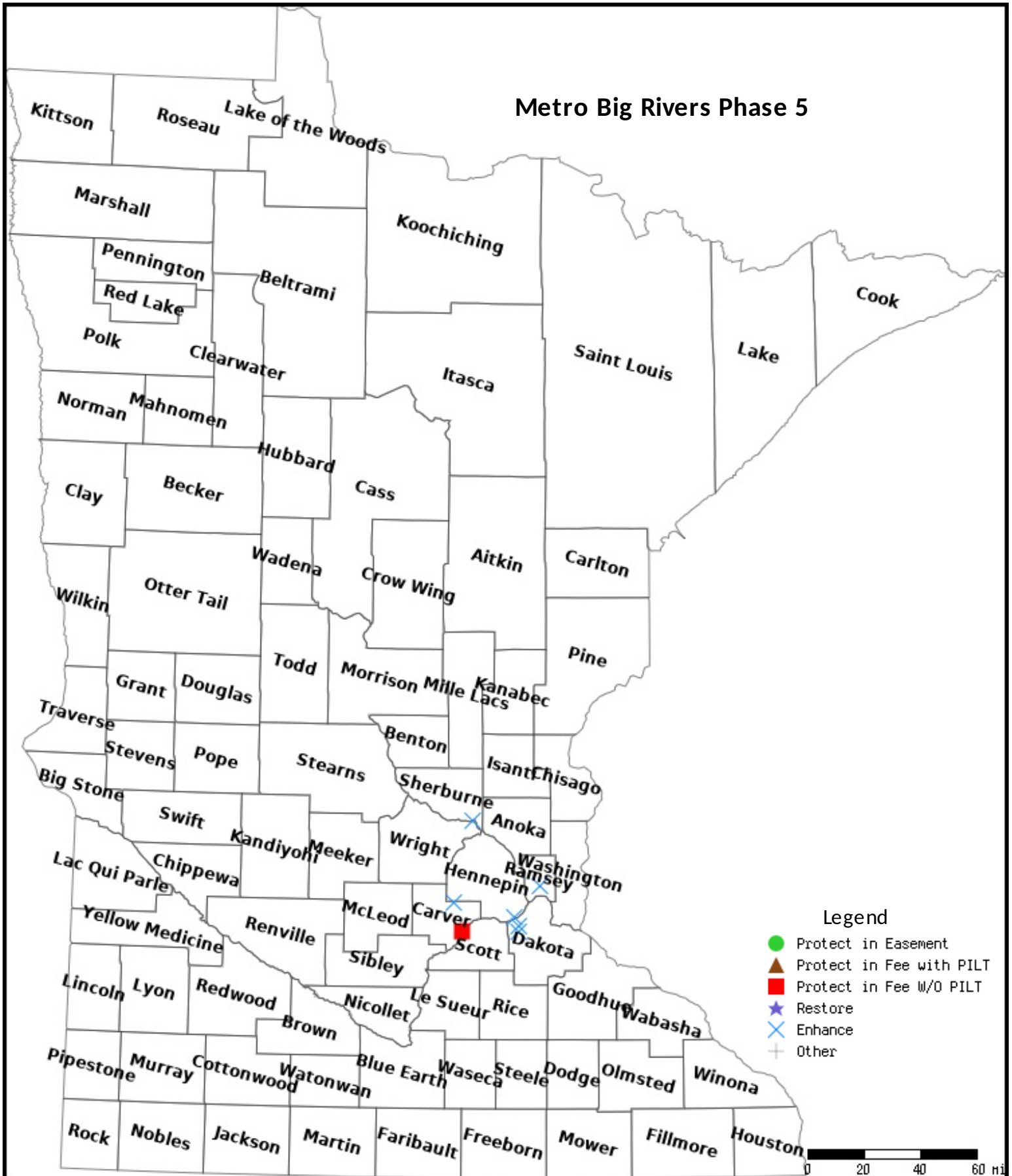
Completed Parcel: Terrace Oaks City Park

# of Total Acres:	23
County:	Dakota
Township:	115
Range:	20
Direction:	2
Section:	17
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	23
# of Acres: Prairie/Grassland:	
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:	\$80,000

Completed Parcel: Trout Brook Nature Preserve (Phase 2)

# of Total Acres:	30
County:	Ramsey
Township:	029
Range:	22
Direction:	2
Section:	30
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	30
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:	\$44,000

Parcel Map



Data Generated From Parcel List