

# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2012 Final Report



**Date:** November 08, 2017

**Program or Project Title:** Metro Big Rivers Habitat Phase III

**Funds Recommended:** \$3,680,000

**Manager's Name:** Deborah Loon

**Title:** Executive Director

**Organization:** MN Valley National Wildlife Refuge Trust, Inc.

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**Legislative Citation:** ML 2012, Ch. 264, Art. 1, Sec. 2, Subd. 5(b)

**Appropriation Language:** \$3,680,000 in the second year is to the commissioner of natural resources for agreements to acquire interests in land in fee or permanent conservation easements and to restore and enhance natural systems associated with the Mississippi, Minnesota, and St. Croix Rivers as follows: \$1,000,000 to the Minnesota Valley National Wildlife Refuge Trust, Inc.; \$375,000 to the Friends of the Mississippi; \$375,000 to Great River Greening; \$930,000 to The Minnesota Land Trust; and \$1,000,000 to The Trust for Public Land. A list of proposed = acquisitions, restorations, and enhancements must be provided as part of the required accomplishment plan. The accomplishment plan must include an easement stewardship plan. Up to \$51,000 is for establishing a monitoring and enforcement fund as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. An annual financial report is required for any monitoring and enforcement fund established, including expenditures from the fund and a description of annual monitoring and enforcement activities.

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

**Regions in which work was completed:**

- Metro / Urban

**Activity types:**

- Restore
- Enhance
- Protect in Fee

**Priority resources addressed by activity:**

- Wetlands
- Forest
- Prairie
- Habitat

### Summary of Accomplishments:

Metro Big Rivers Phase 3 protected 67 acres of significant habitat along more than 1 mile of the Mississippi River, restored 8 acres of prairie and enhanced 495 acres of priority habitat (47 wetland acres, 50 prairie acres and 398 forest acres) in the Metropolitan Urbanizing Area.

### Process & Methods:

Friends of the Mississippi River (FMR) completed restoration and enhancement activities on 314 acres, exceeding its original 166 grant acres. FMR restored 8 acres of prairie and enhanced 30 acres prairie, 47 acres of wetland and 237 acres of forest on three sites in Dakota County and one in Washington County, as follows:

- Gores Pool Wildlife Management Area (Freitag Tract) -- Gores Pool WMA is a 6,449-ac complex of floodplain forest, marshland and backwater along the Mississippi River and Vermillion River Bottoms in Dakota County. Most of the area is designated as outstanding biodiversity significance and constitutes one of the largest expanses of floodplain native plant communities in southeast Minnesota. It is also one of the top four sites in the state for rare forest birds. The 300 acre Freitag Tract was purchased in 2008 by the DNR in partnership with Dakota County and the City of Hastings. With this Phase 3 grant, FMR continued its activities at the WMA in partnership with the DNR, enhancing 47 acres of wet meadow, 125 acres of forest, and 5 acres of prairie. Methods included cutting and treating invasive woody and herbaceous species, prescribed burning, installing cottonwood livestakes, and planting native shrubs.
- Hastings Sand Coulee Scientific and Natural Area (SNA) - This SNA is identified as significant by the Dakota County Farmland and Natural Area Program and the County Biological Survey. In addition to containing an intermittent stream that flows to the Vermillion River, this site contains rare dry prairie and associated oak woodland. Fourteen rare species have been documented at this SNA. FMR's work with Phase 3 restored 8 acres of prairie, enhanced 23 acres of prairie by removing woody species and conducting prescribed burns and enhanced 51 acres of oak woodland by controlling exotic invasive species and conducting prescribed burns.
- Hastings Scientific and Natural Area -- This 69-acre SNA, designated in the 1970s, is situated along the Mississippi - Vermillion River floodplain and bluffs in Hastings, Dakota County. It contains wetland, maple-basswood forest and floodplain forest. FMR developed a Natural Resource Management Plan for this SNA in 2011 in partnership with the DNR. With Phase 3 funds, FMR conducted exotic invasive woody plant control on 35 acres of forest by cutting and stump-treating. These activities improved the habitat for the both rare species and all the plant and animal members of these forest communities.
- Camel's Hump / Gateway North Open Space Area -- This 34-acre site sits on a high ancient river terrace of sandstone and limestone within Cottage Grove (Washington County). The natural communities located on this site include oak forest, bedrock bluff prairie and lowland hardwood forest. Through this Phase 3 grant, FMR prepared a Natural Resource Management Plan, then conduct woody plant removal and a prescribed burn on approximately 2-acres of prairie and exotic plant control on approximately 26 acres of forest by cutting and treating woody plants and prescribed burns. Seed collected from the prairie on-site was used to enhance other areas on-site.

Great River Greening (GRG) also exceeded its original grant acres. GRG conducted enhancement activities on 179 acres (141 acres were originally proposed), as follows:

- Katherine Abbott Park: 6 acres prairie enhancement, and 16 acres forest enhancement. Work included: removal of invasive common and glossy buckthorn, honeysuckle, black locust and Siberian elm; woody encroachment removal from the native prairie; and reed canary grass control in the wet prairie area. The enhancement at Katherine Abbott is continuing with Trust Fund support and City support. This site now hosts remnant prairie, oak savanna, enhanced forest habitat, and enhanced wetland habitats. Acreage and habitat goals were met; with City funds, summer and fall 2017 burns are being developed for the oak woodland communities to control buckthorn and promote the remnant understory.
- Fish Creek Open Space: 75 acres of dry-mesic prairie oak savannah were enhanced. Work included woody invasive removal, tree planting, and prairie seeding. Oak savanna was restored using an oak grove design, and the timing of seeding was selected carefully to encourage forb establishment for better pollinator habitat and floristic diversity, as well as a robust prairie grass component. The establishment has included mowing to promote prairie perennials over weedy annuals and biennials, and spot treatment (pulling, spraying) of more problematic non-native invasive species. Restorations involved Greening's Summer Youth Job Corps (a partnership with Conservation Corps of Minnesota and Iowa, providing hands-on natural resource experience to underserved youth), students and faculty, volunteer citizens, contractors, and Greening staff. Fish Creek now hosts prairie habitat, oak savanna habitat, and enhanced forest habitat. This location in the Mississippi flyway is proving to continue to leverage volunteer services for enhancement and maintenance, and is also a pollinator citizen science project location with Trust Fund support. Acreage goals were met and maintenance program is robust and underway.
- Springbrook Nature Center: 82 acres enhanced (66 acres proposed), 70 acres of forest and 12 acres of prairie, through woody invasive removal and treatment and several rounds of prescribed burns. Work was conducted by Greening's Summer Youth Job Corps (see Fish Creek description), citizen volunteers, contractors, and Greening staff.

With this grant, the Trust for Public Land (TPL) acquired 66 acres of a larger 335 acre acquisition of significant habitat in Elk River (Sherburne County) with over a mile of Mississippi River shoreline at the confluence of the Elk River and Mississippi Rivers. The full 335 acres were acquired with the balance of TPL's Phase 2 grant and \$610,000 of this Phase 3 grant. The land provides habitat for a variety of species and the shoreline affords access to an excellent smallmouth bass fishery. The property was conveyed to the City of Elk River to

be managed in a manner similar to a state Wildlife Management Area. Public hunting and fishing will be allowed according to DNR guidelines. Restoration and enhancement of the habitat on this property is being completed under Metro Big Rivers Phase 5 by Friends of the Mississippi River.

## Explain Partners, Supporters, & Opposition:

City of Elk River (Houlton)  
City of Fridley (Springbrook Nature Center)  
City of Maplewood, Ramsey Washington Watershed District (Fish Creek Open Space)  
City of Mahtomedi (Katherine Abbott)  
City of Cottage Grove (Gateway North Open Space Area / Camels Hump)  
Minnesota Department of Natural Resources (Gores WMA, Hastings SNA, Hastings Sand Coulee SNA)

## Additional Comments:

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

FMR and GRG exceeded expectations, enhancing 495 acres rather than the 290 acres proposed.

MLT was unable to complete a complex easement pursued with this grant. The easement was drafted, option signed, and appraisal completed, but the landowners pulled from negotiations at the last minute. Insufficient time remained to pursue a new project.

MVT and TPL were unable to close on a significant parcel for the Upgrala Unit of the Minnesota Valley National Wildlife Refuge from a large group of landowners, when a couple members changed their mind. MVT returned its full grant and TPL returned its balance of \$386,500.

## Other Funds Received:

- Environmental and Natural Resource Trust Fund

### How were the funds used to advanced the program:

Funding was utilized at Fish Creek for planting of pollinator friendly species as follow up to Outdoor Heritage enhancement activities. The plantings were installed by youth from local schools in both the spring and fall of the year over a two year period.

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

In all cases, the government partner will sustain / maintain the work, as follows:

Friends of Mississippi River – City of Cottage Grove and MN Department of Natural Resources

Great River Greening – City of Fridley, City of Maplewood and City of Mahtomedi

The Trust for Public Land – City of Elk River

## Outcomes:

### *The original accomplishment plan stated the program would*

#### Programs in metropolitan urbanizing region:

- Short-Term/Intermediate Outcomes: Permanent protection and habitat restoration and enhancement outputs are achieved across priority public lands, improving ecological health of the habitat and conditions for native game and non-game species. Areas where habitat restoration and enhancement work has occurred are occupied by key indicator species linked to ecosystem health. Additional public lands are opened for wildlife-dependent and appropriate levels of public outdoor recreation. Long-Term Outcomes: Habitats of sufficient size, quality exist and are sufficiently connected to sustain healthy populations of most game and non-game species native to the region. The number of species characterized as Species of Greatest Conservation Need has significantly decline due to population recovery. Increased outdoor recreation activities by the public, with emphasis on the growing population of the Twin Cities Metropolitan Area. Increased satisfaction by outdoor recreationalists.

#### 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: \$3,680,000

## Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$150,900	\$96,300	\$26,000	\$27,500	City of Fridley, City of Maplewood, City of Mahtomedi	\$176,900	\$123,800
Contracts	\$645,600	\$606,400	\$0	\$0		\$645,600	\$606,400
Fee Acquisition w/ PILT	\$596,500	\$0	\$175,000	\$0		\$771,500	\$0
Fee Acquisition w/o PILT	\$1,400,000	\$610,000	\$275,000	\$0		\$1,675,000	\$610,000
Easement Acquisition	\$800,000	\$0	\$250,000	\$0	Donated easement various	\$1,050,000	\$0
Easement Stewardship	\$51,000	\$0	\$0	\$0		\$51,000	\$0
Travel	\$4,300	\$3,700	\$0	\$0		\$4,300	\$3,700
Professional Services	\$20,000	\$0	\$0	\$0		\$20,000	\$0
Direct Support Services	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	\$3,500	\$3,500	\$0	\$0		\$3,500	\$3,500
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$2,700	\$4,200	\$0	\$0		\$2,700	\$4,200
Supplies/Materials	\$5,500	\$29,000	\$0	\$0		\$5,500	\$29,000
DNR IDP	\$0	\$0	\$0	\$0		\$0	\$0
<b>Total</b>	<b>\$3,680,000</b>	<b>\$1,353,100</b>	<b>\$726,000</b>	<b>\$27,500</b>		<b>\$4,406,000</b>	<b>\$1,380,600</b>

## Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
GRG Personnel	0.76	3.00	\$59,900	\$27,500	City of Fridley, City of Maplewood, City of Mahtomedi	\$87,400
Conservation Director (FMR)	0.02	3.00	\$2,900	\$0		\$2,900
Ecologist/Project Coordinator (FMR)	0.09	3.00	\$17,700	\$0		\$17,700
Ecologist (FMR)	0.05	3.00	\$14,500	\$0		\$14,500
Accountant/bookkeeper (FMR)	0.01	3.00	\$1,300	\$0		\$1,300
Conservation Staff (MLT)	0.45	2.00	\$0	\$0		\$0
Legal Staff (MLT)	0.10	2.00	\$0	\$0		\$0
<b>Total</b>	<b>1.48</b>	<b>19.00</b>	<b>\$96,300</b>	<b>\$27,500</b>		<b>\$123,800</b>

## Budget and Cash Leverage by Partnership

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	GRG	\$61,000	\$59,900	\$26,000	\$27,500	City of Fridley, City of Maplewood, City of Mahtomedi	\$87,000	\$87,400
Contracts	GRG	\$304,000	\$282,500	\$0	\$0		\$304,000	\$282,500
Fee Acquisition w/ PILT	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Travel	GRG	\$1,800	\$2,300	\$0	\$0		\$1,800	\$2,300
Professional Services	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	GRG	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	GRG	\$2,700	\$4,200	\$0	\$0		\$2,700	\$4,200
Supplies/Materials	GRG	\$5,500	\$18,500	\$0	\$0		\$5,500	\$18,500
DNR IDP	GRG	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$375,000	\$367,400	\$26,000	\$27,500		\$401,000	\$394,900

**Personnel - GRG**

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
GRG Personnel	0.76	3.00	\$59,900	\$27,500	City of Fridley, City of Maplewood, City of Mahtomedi	\$87,400
Total	0.76	3.00	\$59,900	\$27,500		\$87,400

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	FMR	\$32,400	\$36,400	\$0	\$0		\$32,400	\$36,400
Contracts	FMR	\$341,600	\$323,900	\$0	\$0		\$341,600	\$323,900
Fee Acquisition w/ PILT	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Travel	FMR	\$1,000	\$1,400	\$0	\$0		\$1,000	\$1,400
Professional Services	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	FMR	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	FMR	\$0	\$10,500	\$0	\$0		\$0	\$10,500
DNR IDP	FMR	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$375,000	\$372,200	\$0	\$0		\$375,000	\$372,200

**Personnel - FMR**

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Director (FMR)	0.02	3.00	\$2,900	\$0		\$2,900
Ecologist/Project Coordinator (FMR)	0.09	3.00	\$17,700	\$0		\$17,700
Ecologist (FMR)	0.05	3.00	\$14,500	\$0		\$14,500
Accountant/bookkeeper (FMR)	0.01	3.00	\$1,300	\$0		\$1,300
Total	0.17	12.00	\$36,400	\$0		\$36,400

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Contracts	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	TPL	\$596,500	\$0	\$175,000	\$0		\$771,500	\$0
Fee Acquisition w/o PILT	TPL	\$400,000	\$610,000	\$75,000	\$0		\$475,000	\$610,000
Easement Acquisition	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Travel	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Professional Services	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	TPL	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	TPL	\$3,500	\$3,500	\$0	\$0		\$3,500	\$3,500
Capital Equipment	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	TPL	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	TPL	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$1,000,000	\$613,500	\$250,000	\$0		\$1,250,000	\$613,500

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	MLT	\$57,500	\$0	\$0	\$0		\$57,500	\$0
Contracts	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	MLT	\$800,000	\$0	\$250,000	\$0	Donated easement various	\$1,050,000	\$0
Easement Stewardship	MLT	\$51,000	\$0	\$0	\$0		\$51,000	\$0
Travel	MLT	\$1,500	\$0	\$0	\$0		\$1,500	\$0
Professional Services	MLT	\$20,000	\$0	\$0	\$0		\$20,000	\$0
Direct Support Services	MLT	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	MLT	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	MLT	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$930,000	\$0	\$250,000	\$0		\$1,180,000	\$0

**Personnel - MLT**

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Conservation Staff (MLT)	0.45	2.00	\$0	\$0		\$0
Legal Staff (MLT)	0.10	2.00	\$0	\$0		\$0
Total	0.55	4.00	\$0	\$0		\$0

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP T total	Total Spent
Personnel	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Contracts	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	MN VT	\$1,000,000	\$0	\$200,000	\$0		\$1,200,000	\$0
Easement Acquisition	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Travel	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Professional Services	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Direct Support Services	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	MN VT	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$1,000,000	\$0	\$200,000	\$0		\$1,200,000	\$0

### Explain any budget challenges or successes:

MLT was unable to complete a complex easement pursued with this grant. Easement negotiations were far along in the process with easement drafted and appraisal and baseline completed, but landowners declined the offer.

MVT and TPL were unable to close on a significant parcel for the Uprala Unit of the Minnesota Valley National Wildlife Refuge from a large group of landowners, when a couple members changed their mind. MVT returned its full grant and TPL returned its balance of \$386,500.

### 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	8	8	0	0	0	0	8	8
Protect in Fee with State PILT Liability	12	0	12	0	12	0	12	0	48	0
Protect in Fee W/O State PILT Liability	8	17	8	22	8	17	208	11	232	67
Protect in Easement	0	0	0	0	0	0	175	0	175	0
Enhance	10	47	41	50	239	398	0	0	290	495
<b>Total</b>	<b>30</b>	<b>64</b>	<b>69</b>	<b>80</b>	<b>259</b>	<b>415</b>	<b>395</b>	<b>11</b>	<b>753</b>	<b>570</b>

**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
<b>Total</b>	<b>0</b>	<b>0</b>

**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	\$25,500	\$11,300	\$0	\$0	\$0	\$0	\$25,500	\$11,300
Protect in Fee with State PILT Liability	\$150,000	\$0	\$150,000	\$0	\$150,000	\$0	\$150,000	\$0	\$600,000	\$0
Protect in Fee W/O State PILT Liability	\$100,000	\$152,500	\$100,000	\$201,300	\$100,000	\$152,500	\$1,100,000	\$107,200	\$1,400,000	\$613,500
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$930,000	\$0	\$930,000	\$0
Enhance	\$29,000	\$9,800	\$90,200	\$98,400	\$605,300	\$620,100	\$0	\$0	\$724,500	\$728,300
<b>Total</b>	<b>\$279,000</b>	<b>\$162,300</b>	<b>\$365,700</b>	<b>\$311,000</b>	<b>\$855,300</b>	<b>\$772,600</b>	<b>\$2,180,000</b>	<b>\$107,200</b>	<b>\$3,680,000</b>	<b>\$1,353,100</b>

**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	8	8	0	0	0	0	0	0	0	0	8	8
Protect in Fee with State PILT Liability	48	0	0	0	0	0	0	0	0	0	48	0
Protect in Fee W/O State PILT Liability	232	67	0	0	0	0	0	0	0	0	232	67
Protect in Easement	175	0	0	0	0	0	0	0	0	0	175	0
Enhance	290	495	0	0	0	0	0	0	0	0	290	495
<b>Total</b>	<b>753</b>	<b>570</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>753</b>	<b>570</b>

**Table 4. Total Funding 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	\$25,500	\$11,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$25,500	\$11,300
Protect in Fee with State PILT Liability	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0
Protect in Fee W/O State PILT Liability	\$1,400,000	\$613,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,400,000	\$613,500
Protect in Easement	\$930,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$930,000	\$0
Enhance	\$724,500	\$728,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$724,500	\$728,300
Total	\$3,680,000	\$1,353,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,680,000	\$1,353,100

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

1.52

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

32,296 feet = 6.1 miles

**Explain the success/shortage of acre goals:**

The restoration and enhancement partners exceeded goals significantly, enhancing 495 acres (goal was 290 acres) and restoring 8 acres. Protection partners were not able to achieve acre goals, protecting 67 acres (goal was 232 acres). Landowners of two significant, complex protection projects that were underway changed their minds at the last minute, which left insufficient time to complete other projects.

## Parcel List

### Section 1 - Restore / Enhance Parcel List

#### Anoka

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Springbrook Nature Center	03024203	82	\$199,000	Yes	Enhance 66 acres of oak woodland, oak savanna and native prairie through woody and exotic invasive species management and prescribed fire

#### Dakota

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Gores Pool WMA	11517222	177	\$95,800	Public	Wetland and forest enhancement
Hastings Sand Coulee SNA	11417202	82	\$177,500	Public	Wetland and forest enhancement
Hastings SNA	11517227	35	\$9,000	Public	Forest enhancement, Prairie restoration and enhancement and woodland enhancement

#### Ramsey

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Fish Creek Open Space	02822223	75	\$152,000	Yes	Enhancement of 75 acres of oak communities through invasive woody removal, pine removal, tree planting, prairie seeding and prescribed fire

#### Washington

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Camels Hump	02721207	28	\$67,000	Public	Prairie & Forest enhancement
Katherine Abbott Park	03021232	22	\$24,000	Yes	Enhance 16 acres of forest and 6 acres native prairie

### Section 2 - Protect Parcel List

#### Sherburne

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Elk River	03226204	67	\$610,000	No	Full	Full	Land Acquisition Capital

### 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: Camels Hump

# of Total Acres:	28
County:	Washington
Township:	027
Range:	21
Direction:	2
Section:	07
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	26
# of Acres: Prairie/Grassland:	2
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:	\$67,000

## Completed Parcel: Elk River

# of Total Acres:	67
County:	Sherburne
Township:	032
Range:	26
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	17
# of Acres: Forest:	22
# of Acres: Prairie/Grassland:	17
Amount of Shoreline:	19268 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Mississippi River and Elk River
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	City of Elk River
Annual Reporting Manager Name:	Michael Hecker
Annual Reporting Address:	13065 Oro no Parkway
Annual Reporting City:	Elk River
Annual Reporting State:	MN
Annual Reporting Zip:	55330
Annual Reporting Email:	MHecker@ElkRiverMN.gov
Annual Reporting Phone:	763-635-1161
Purchase Date:	December 16, 2014
Acquisition Title:	
Purchase Price:	\$3,105,000
Appraised Value:	\$3,105,000
Professional Service Costs:	\$175,611
Assessed Value:	\$1,213,800
Total Project Cost:	\$3,105,000
Fees Received:	\$205,000
Donations:	\$0
Related Parties:	
Property Managed By:	Local Unit of Government - <i>The City of Elk River</i>
Name of the unit area or location government unit or land manager:	City of Elk River

## Completed Parcel: Fish Creek Open Space

# of Total Acres:	75
County:	Ramsey
Township:	028
Range:	22
Direction:	2
Section:	23
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	75
# 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:	\$152,000

## Completed Parcel: Gores Pool WMA

# of Total Acres:	177
County:	Dakota
Township:	115
Range:	17
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	47
# of Acres: Forest:	125
# of Acres: Prairie/Grassland:	5
Amount of Shoreline:	10253 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Mississippi River & Vermillion River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$95,837

## Completed Parcel: Hastings Sand Coulee SNA

# of Total Acres:	82
County:	Dakota
Township:	114
Range:	17
Direction:	2
Section:	02
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	51
# of Acres: Prairie/Grassland:	31
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:	\$177,534



## Completed Parcel: Hastings SNA

# of Total Acres:	35
County:	Dakota
Township:	115
Range:	17
Direction:	2
Section:	27
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	35
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	2775 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Vermillion River
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$9,041

## Completed Parcel: Katherine Abbott Park

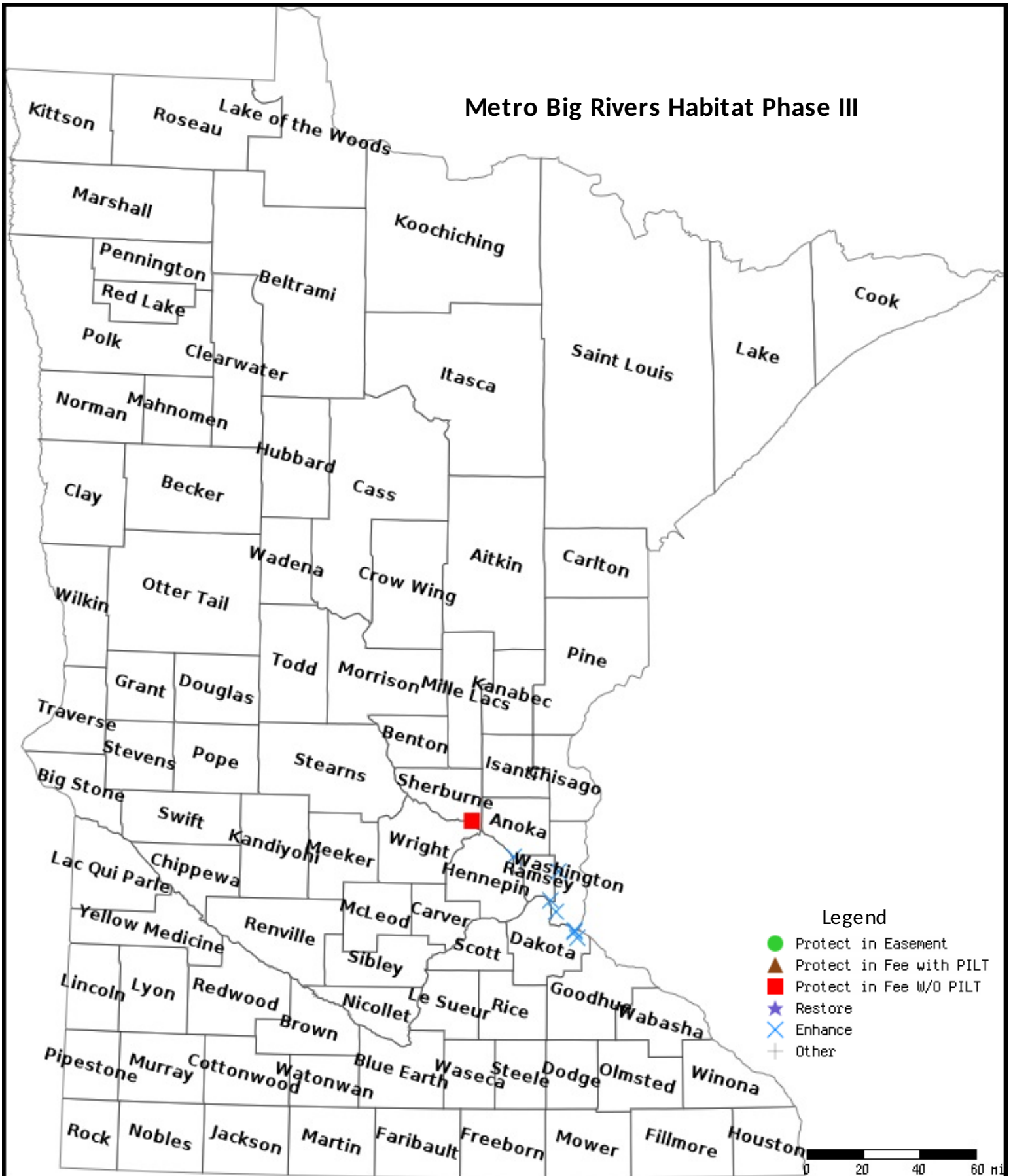
# of Total Acres:	22
County:	Washington
Township:	030
Range:	21
Direction:	2
Section:	32
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	16
# of Acres: Prairie/Grassland:	6
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	Long Lake
Has there been signage erected at the site:	Yes
Total cost of Restoration/Enhancement:	\$24,000

## Completed Parcel: Springbrook Nature Center

# of Total Acres:	82
County:	Anoka
Township:	030
Range:	24
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	70
# of Acres: Prairie/Grassland:	12
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:	\$199,000

# Parcel Map

## Metro Big Rivers Habitat Phase III



Data Generated From Parcel List