

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2020 Accomplishment Plan



Date: December 17, 2019

Program or Project Title: Metro Big Rivers Phase 10

Funds Recommended: \$ 7,551,000

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Legislative Citation: ML 2020, Ch. X, Art. 1, Sec. 2, subd XX

Appropriation Language:

County Locations: Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Sibley, and Washington.

Eco regions in which work will take place:

- Metro / Urban

Activity types:

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

Priority resources addressed by activity:

- Forest
- Habitat
- Prairie
- Wetlands

Abstract:

Metro Big Rivers Phase 10 will protect 607 acres in fee title and 157 acres in permanent conservation easement, restore 123 acres and enhance 295 acres of priority habitat in the big rivers corridors in the Metropolitan Urbanizing Area (MUA). Metro Big Rivers partners will leverage the OHF funds at least 10% with partner funds, private funds, local government contributions, and landowner donations of easement value. In addition, significant volunteer engagement will be invested in habitat enhancement activities, although not technically counted as leverage.

Design and scope of work:

Metro Big Rivers Phase 10 will protect, restore and enhance prioritized wildlife habitat in the Metro Urbanizing Area, with an emphasis on the Mississippi, Minnesota and St.Croix Rivers and their tributaries. By expanding, connecting and improving public conservation lands, Metro Big Rivers benefits wildlife and species in greatest need of conservation (SGCN) and provides increased public access for wildlife-based recreation. See brief descriptions below and attachments for detail.

Friends of the Mississippi River (FMR) will enhance 220 acres at three sites on or near the Mississippi River. Projects include removal of invasive woody and herbaceous plants, spot-mowing, spot-spraying, prescribed burns and seeding.

* Cottage Grove Ravine Regional Park, Washington County: Enhance 116 acres of oak forest, 5 acres of native bluff prairie and 1 acre of restored prairie.

* Riverside Park, Washington County: Enhance 13 acres of oak forest and 1 acre of savanna.

* Pine Bend Bluffs Natural Area, Dakota County: Enhance 50 acres of oak forest, 20 acres of restored prairie and 14 acres of native prairie.

Great River Greening (GRG) will restore 23 acres and enhance 75 acres across five sites. Projects will include removal of invasive woody and herbaceous species, mowing and spot spraying, seeding and planting.

* Minnehaha Greenway - Methodist Easement, Hennepin County: Enhance 15 acres of riparian land along Minnehaha Creek, recently re-meandered by the watershed district.

* Mississippi River Bluff Corridor, Hennepin County: Restore 18 acres of old agricultural field to prairie.

* Strootman Park, Anoka County: Enhance 10 acres of woodland.

* Timber River Park, Anoka County: Restore 5 acres of a ballfield to native prairie and woodland habitat. Enhance another 5 acres of woodland and native prairie.

* Vadnais / Sucker Lake, Ramsey County: Enhance 45 acres of wetlands.

Minnesota Land Trust (MLT) will protect through perpetual conservation easement 157 acres of priority wildlife habitat, including riparian lands, forests, wetlands and grasslands. Projects will be selected through a competitive RFP process that ranks proposals based on ecological significance and cost (criteria attached).

MLT also will restore 100 acres on private lands already protected through permanent conservation easement. Prioritized properties will be of high ecological significance, adjacent or close to public conservation investments and owned by landowners committed to conservation.

Minnesota Valley Trust (MVT) will protect in fee 300 acres of river frontage, floodplain forest, wetland and upland habitat in the Minnesota River Valley to expand the Minnesota Valley National Wildlife Refuge. Of the total, 60 acres will be acquired with other non-state funds. All prospective lands have been prioritized by the USFWS and will be restored/enhanced, then open to the public for wildlife-based recreation, including hunting and fishing.

The Trust for Public Land (TPL) will protect in fee 307 acres of priority wildlife habitat, including riparian, forest, wetland, and grassland habitat. The potential properties have been identified and prioritized in state, regional and local natural resource plans. Lands acquired will be managed by TPL's public partners (MN DNR and local units of government) and will be open to the public for wildlife-based recreation, including hunting and fishing.

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Metro Big Rivers projects protect and improve habitats needed by wildlife species in greatest conservation need (SGCN) and other targeted species, and where they need them. Many of Minnesota's forest and grassland SGCNs are migratory. Improving habitat along the central flyway (the three big rivers) provides great benefits to all wildlife species, especially during critical migration periods.

Friends of the Mississippi River project sites are located on or near the Mississippi River within the Audubon-designated Important Bird Area. This corridor provides critical habitat for neotropical migrant birds and numerous SGCN. FMR has been tracking breeding bird species at these sites and has recorded 10 SGCNs. The sites are also vital for many other species, especially native pollinators, and provide connectivity to other natural areas.

Great River Greening will also conduct significant habitat work on public conservation lands to improve habitat values for wildlife and SGCN, including birds using the Mississippi River migratory corridor and pollinators. Work will restore and enhance riverine, forest, oak savanna, prairie, and wetland habitat at five conservation sites.

Minnesota Land Trust will target its protection and restoration/enhancement action to priority privately owned lands to permanently protect high-quality upland and shoreland habitats from fragmentation, development, and other impacts that undermine the viability of SGCN and T&E species. Restoration and enhancement of habitat is proposed for lands already protected through easement.

Minnesota Valley Trust will acquire in fee lands identified through the USFWS Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge. This plan prioritizes lands for high biodiversity, connectivity, and ability to preserve habitat for SGCN.

The Trust for Public Land will acquire lands in fee identified and prioritized in state, regional, and local natural resource plans due to their high biodiversity significance, connectivity to existing public lands, and ability to preserve habitat for SGCN. Acquisitions and

subsequent habitat work increase breeding and migratory habitat for waterfowl, shorebirds, neo-tropical migrants, and non-migratory resident species, protect the diversity of native ecosystems, and improve connectivity and resilience.

Describe the science based planning and evaluation model used:

Protection partners prioritize work through science-based processes led by the public entities that own or will own interest in the properties (e.g., MN DNR, USFWS). Plans followed include MBS, RESA, Metropolitan Conservation Corridors, Minnesota State Wildlife Action Plan, and the Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge. Actions are targeted toward building conservation corridors and priority habitat complexes.

In addition, the easement partner's competitive RFP process includes a second analysis of all proposed projects submitted by landowners for protection. This assessment evaluates the ecological significance of the proposed parcel, which includes the following three factors:

- Quantity – the size of habitat and/or length of shoreline associated with a parcel, and abundance of Species in Greatest Conservation Need (SGCN) and Threatened & Endangered (T&E) species
- Quality – the condition of the associated habitat and populations of SGCN and T&E species
- Landscape Context – the extent and condition of natural habitat surrounding the parcel, and the degree to which adjacent property has been protected.

Restoration and enhancement partners use science-based criteria to prioritize activities. This includes consideration of the highest quality natural areas (as determined by MBS), as well as prioritization of work within important ecological corridors identified by a coalition of conservation partners and based on rare species and sensitive landscape features. This prioritization ensures that projects reduce fragmentation and link natural areas within already-established corridors. All of the restoration and enhancement sites are located along or near the three big rivers and important tributaries - some of the most important ecological corridors for migrating and sedentary plant and animal life.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds

Which other plans are addressed in this program:

- Minnesota's Wildlife Action Plan 2015-2025
- Outdoor Heritage Fund: A 25 Year Framework

Which LSOHC section priorities are addressed in this program:

Metro / Urban:

- Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)

Relationship to other funds:

- Not Listed

Does this program include leverage in funds:

Yes

Metro Big Rivers 10 will leverage the OHF appropriation with at least \$777,400 in other funds (13.3%). The partnership has secured commitments of supplemental funding from the partners, private sources, local government units, watershed districts / management organizations and park districts.

MLT encourages private landowners to fully or partially donate the appraised value of their conservation easement. This donated value is shown as leveraged funds in the proposal. MLT has a long track record gaining landowner participation in this fashion. To date across all MBR grants, \$1,866,000 in easement value has been donated by landowners as leverage. MLT expects a significant landowner contribution to continue in MBR Phase 10; a conservative estimate of leverage is \$840,000.

Crews of volunteers will add significant in-kind value to the restoration / enhancement projects. This value is not included in the

leverage funds, but is important to note here. Volunteers effectively replace or enhance paid crews and contracts on many projects, saving funds. Use of volunteers also effectively educates and engages the community in conservation work, which is critical for the future of conservation.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

This funding will supplant other previous funding used for the same purpose.

Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation Year	Source	Amount
2009	Other State	741,058
2012	Other State	684,449
2012	Local & Federal	413,561
2012	Private & Other	2,063,388
2013	Other State	2,130,284
2013	Local & Federal	1,320,606
2013	Private	1,253,038
2014	Other State	1,873,857
2014	Local	516,119
2014	Private	1,931,527
2015	Other State	2,224,751
2009	Local & Federal	230,310
2015	Local	1,295,000
2015	Private	1,449,198
2016	Other State	912,867
2016	Local & Federal	1,822,000
2016	Private	2,700,091
2017	Other State	630,060
2017	Local	739,800
2017	Private & Other	1,278,433
2018	Other State	656,593
2018	Local	253,321
2009	Private	940,884
2018	Private	2,025,433
2010	Other State	2,010,658
2010	Local & Federal	485,122
2010	Private	3,516,521
2011	Other State	1,429,358
2011	Local & Federal	543,900
2011	Private	1,578,572

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

All public partners have committed to maintaining the restoration / enhancement habitat improvements. The MBR restore/enhance partners will raise public and private sources to continue the work past the grant timeline, and will work cooperatively with partners to ensure the project benefits are maintained.

Lands protected through easement by MLT will be sustained following best standards and practices. MLT is a nationally-accredited and insured land trust with a successful stewardship program that includes annual property monitoring, records management, addressing inquiries, tracking ownership changes, investigating potential violations and defending the easement in case of a true violation. MLT provides habitat management plans to landowners and helps them access resources and technical expertise to undertake restoration, enhancement and ongoing management.

Lands acquired in fee title by MVT for the Minnesota Valley National Wildlife Refuge will be sustained and maintained over the long-term by the USFWS. Habitat restoration / enhancement will be completed by MVT prior to transfer to the USFWS.

Lands acquired in fee title by TPL will be conveyed to the DNR or local units of government for permanent stewardship. Initial site development and restoration costs are included in this proposal. TPL will work with the steward to develop habitat plans.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2022-26	FMR, GRG & Local Partners	Monitoring and assessment	Target actions to maintain habitat	Take restorative action to correct damage
Ongoing	MLT & Landowners (R/E Projects)	Monitoring and assessment	Engage landowners in identifying / undertaking management actions	
Perpetual	MLT Stewardship & Enforcement Fund	Annual monitoring of completed easements	Enforcement actions, as necessary	
2022-23	MVT / MN Valley Lands (MVT subsidiary) & USFWS	Post property after acquisition	Develop habitat restoration and enhancement (R/E) plans	Begin implementation of R/E activities
2023-26	MVT / MVL & USFWS	Conduct habitat R/E and management activities	Develop hunting plan, parking area, signage, as needed	Transfer property to USFWS
2022-23	TPL (OHF) & Public Partners	Post property	Develop habitat R/E plans	
2023-26	TPL - Public Partners	Develop habitat R/E plans	Complete habitat R/E	Steward property for habitat and public recreation

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Yes**

Explain

The purpose of the Minnesota Land Trust's conservation easements is to protect existing high quality natural habitat and to preserve opportunities for future restoration. As such, we restrict any agricultural lands and use on the properties. In cases in which there are agricultural lands associated with the larger property, we will either carve the agricultural area out of the conservation easement or, in some limited cases, we may include a small percentage of agricultural lands if it is not feasible to carve those areas out. In such cases, however, we will not use OHF funds to pay the landowners for that portion of the conservation easement.

Restoration/Enhancement: Short-term use of agricultural crops is an accepted best practice for preparing a site for prairie restoration. For example, short-term use of soybeans could be used for restorations in order to control weed seedbeds prior to prairie planting. In some cases this necessitates the use of GMO treated products to facilitate herbicide use in order to control weeds present in the seedbank.

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **No**

We will notify local units of government as required by statute.

Is the land you plan to acquire (fee title) free of any other permanent protection - **Yes**

Is this land currently open for hunting and fishing - **No**

Will the land be open for hunting and fishing after completion - **Yes**

Lands acquired for the Minnesota Valley National Wildlife Refuge will be open for public hunting and fishing according to the National Wildlife Refuge Improvement Act. The lands will be opened through a public process prescribed by the Act. We anticipate hunting and fishing opportunities will be like those already established for lands previously acquired for the Refuge. For specific information, refer to the Refuge's website - http://www.fws.gov/midwest/MinnesotaValley/documents/hunting_regs.pdf.

Lands acquired by The Trust for Public Land will be open for fishing and hunting.

Who will eventually own the fee title land?

State of MN, Federal, Local Unit of Government

Land acquired in fee will be designated as a:

WMA, National Wifelife Refuge

What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?

2 to 4

Will the eased land be open for public use - **No**

Is the land you plan to acquire (easement) free of any other permanent protection - **Yes**

Who will manage the easement?

Minnesota Land Trust

Who will be the easement holder?

Minnesota Land Trust

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

4 to 6

Are there currently trails or roads on any of the acquisitions on the parcel list - **Yes**

Describe the types of trails or roads and the allowable uses:

We are not aware of any trails at this time, but some parcels acquired in fee title may have existing field roads or low maintenance trails.

Will the trails or roads remain and uses continue to be allowed after OHF acquisition - **Yes**

How will maintenance and monitoring be accomplished:

Any pre-existing low-maintenance roads and trails on properties acquired by MVT for the MN Valley National Wildlife Refuge (USFWS) may be continued under a plan developed for the purpose of property access for habitat maintenance and public use of the property for wildlife-dependent recreation (e.g., hunting, fishing, wildlife observation).

Trails and roads on eased lands are identified in the project baseline report and will be monitored annually as part of MLT's stewardship and enforcement protocols. Maintenance of permitted roads or trails in line with the easement terms will be the responsibility of the landowner.

TPL is not aware of any trails or roads on any of the acquisitions. If any are discovered on lands to be managed by the DNR, they will be managed per DNR policy. If they are discovered on lands to be managed by local units of government, they will be managed per a maintenance and monitoring plan developed in consultation with LSOHC staff.

Will new trails or roads be developed or improved as a result of the OHF acquisition - **No**

Will the acquired parcels be restored or enhanced within this appropriation? - **No**

Not Listed

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (SNA, Permanently Protected Conservation EasementsCounty/Municipal)**

Accomplishment Timeline:

Activity	Approximate Date Completed
FMR - Enhance 220 acres	June 2025
G RG - Restore 23 and enhance 75 acres	June 2025
MLT - Protect 157 acres under conservation easement	June 2023
MLT - Restore 100 acres	June 2025
MVT - Protect 300 acres through fee title acquisition	June 2023
TPL - Protect 307 acres through fee title acquisition	June 2023

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in metropolitan urbanizing region:

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need *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

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

We will reduce the outputs accordingly to accommodate the reduced appropriation.

Total Amount of Request: \$ 7551000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$481,000	\$63,000	Great River Greening, Minnehaha Creek Watershed District, Three Rivers Park District, City of Andover, 3M Foundation, Flint Hills Resources	\$544,000
Contracts	\$748,000	\$61,000	Washington County Parks, Flint Hills Resources	\$809,000
Fee Acquisition w/ PILT	\$4,142,000	\$100,000	RIM, Private	\$4,242,000
Fee Acquisition w/o PILT	\$800,000	\$200,000	Minnesota Valley Trust or other private	\$1,000,000
Easement Acquisition	\$850,000	\$255,000	Private Landowners	\$1,105,000
Easement Stewardship	\$144,000	\$0		\$144,000
Travel	\$16,300	\$2,000	Private	\$18,300
Professional Services	\$145,000	\$0		\$145,000
Direct Support Services	\$125,100	\$93,400	Private, Private	\$218,500
DNR Land Acquisition Costs	\$20,000	\$0		\$20,000
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$8,900	\$0		\$8,900
Supplies/Materials	\$30,700	\$3,000	Vadnais Lake Area Watershed Management Organization	\$33,700
DNR IDP	\$40,000	\$0		\$40,000
Total	\$7,551,000	\$777,400		\$8,328,400

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Protection Staff	0.36	3.00	\$98,000	\$0		\$98,000
MLT Restoration Staff	0.40	3.00	\$130,000	\$0		\$130,000
FMR Personnel (Ecologists, Conservation Director, Stewardship Staff, Bookkeeper)	0.37	3.00	\$29,000	\$30,000	3M Foundation, Flint Hills Resources	\$59,000
TPL Personnel (Protection, Legal staff)	0.28	3.00	\$140,000	\$0		\$140,000
GRG Personnel (Ecologist, Technicians, etc.)	0.27	5.00	\$84,000	\$33,000	Great River Greening, Minnehaha Creek Watershed District, Three Rivers Park District, City of Andover	\$117,000
Total	1.68	17.00	\$481,000	\$63,000		\$544,000

Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Valley Trust	\$0	\$0		\$0
Contracts	Minnesota Valley Trust	\$0	\$0		\$0
Fee Acquisition w/ PILT	Minnesota Valley Trust	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Valley Trust	\$800,000	\$200,000	Minnesota Valley Trust or other private	\$1,000,000
Easement Acquisition	Minnesota Valley Trust	\$0	\$0		\$0
Easement Stewardship	Minnesota Valley Trust	\$0	\$0		\$0
Travel	Minnesota Valley Trust	\$0	\$0		\$0
Professional Services	Minnesota Valley Trust	\$0	\$0		\$0
Direct Support Services	Minnesota Valley Trust	\$0	\$0		\$0
DNR Land Acquisition Costs	Minnesota Valley Trust	\$0	\$0		\$0
Capital Equipment	Minnesota Valley Trust	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Valley Trust	\$0	\$0		\$0
Supplies/Materials	Minnesota Valley Trust	\$0	\$0		\$0
DNR IDP	Minnesota Valley Trust	\$0	\$0		\$0
Total		\$800,000	\$200,000		\$1,000,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Land Trust	\$228,000	\$0		\$228,000
Contracts	Minnesota Land Trust	\$214,000	\$0		\$214,000
Fee Acquisition w/ PILT	Minnesota Land Trust	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Land Trust	\$0	\$0		\$0
Easement Acquisition	Minnesota Land Trust	\$850,000	\$255,000	Private Landowners	\$1,105,000
Easement Stewardship	Minnesota Land Trust	\$144,000	\$0		\$144,000
Travel	Minnesota Land Trust	\$10,000	\$0		\$10,000
Professional Services	Minnesota Land Trust	\$85,000	\$0		\$85,000
Direct Support Services	Minnesota Land Trust	\$62,100	\$0		\$62,100
DNR Land Acquisition Costs	Minnesota Land Trust	\$0	\$0		\$0
Capital Equipment	Minnesota Land Trust	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Land Trust	\$4,900	\$0		\$4,900
Supplies/Materials	Minnesota Land Trust	\$2,000	\$0		\$2,000
DNR IDP	Minnesota Land Trust	\$0	\$0		\$0
Total		\$1,600,000	\$255,000		\$1,855,000

Personnel - Minnesota Land Trust

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Protection Staff	0.36	3.00	\$98,000	\$0		\$98,000
MLT Restoration Staff	0.40	3.00	\$130,000	\$0		\$130,000
Total	0.76	6.00	\$228,000	\$0		\$228,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Trust for Public Land	\$140,000	\$0		\$140,000
Contracts	Trust for Public Land	\$40,000	\$0		\$40,000
Fee Acquisition w/ PILT	Trust for Public Land	\$4,142,000	\$100,000	RIM, Private	\$4,242,000
Fee Acquisition w/o PILT	Trust for Public Land	\$0	\$0		\$0
Easement Acquisition	Trust for Public Land	\$0	\$0		\$0
Easement Stewardship	Trust for Public Land	\$0	\$0		\$0
Travel	Trust for Public Land	\$0	\$2,000	Private	\$2,000
Professional Services	Trust for Public Land	\$60,000	\$0		\$60,000
Direct Support Services	Trust for Public Land	\$43,000	\$43,000	Private	\$86,000
DNR Land Acquisition Costs	Trust for Public Land	\$20,000	\$0		\$20,000
Capital Equipment	Trust for Public Land	\$0	\$0		\$0
Other Equipment/Tools	Trust for Public Land	\$0	\$0		\$0
Supplies/Materials	Trust for Public Land	\$0	\$0		\$0
DNR IDP	Trust for Public Land	\$40,000	\$0		\$40,000
Total		\$4,485,000	\$145,000		\$4,630,000

Personnel - Trust for Public Land

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
TPL Personnel (Protection, Legal staff)	0.28	3.00	\$140,000	\$0		\$140,000
Total	0.28	3.00	\$140,000	\$0		\$140,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	DEFAULT	\$0	\$0		\$0
Contracts	DEFAULT	\$0	\$0		\$0
Fee Acquisition w/ PILT	DEFAULT	\$0	\$0		\$0
Fee Acquisition w/o PILT	DEFAULT	\$0	\$0		\$0
Easement Acquisition	DEFAULT	\$0	\$0		\$0
Easement Stewardship	DEFAULT	\$0	\$0		\$0
Travel	DEFAULT	\$0	\$0		\$0
Professional Services	DEFAULT	\$0	\$0		\$0
Direct Support Services	DEFAULT	\$0	\$0		\$0
DNR Land Acquisition Costs	DEFAULT	\$0	\$0		\$0
Capital Equipment	DEFAULT	\$0	\$0		\$0
Other Equipment/Tools	DEFAULT	\$0	\$0		\$0
Supplies/Materials	DEFAULT	\$0	\$0		\$0
DNR IDP	DEFAULT	\$0	\$0		\$0
Total		\$0	\$0		\$0

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Friends of Mississippi River	\$29,000	\$30,000	3M Foundation, Flint Hills Resources	\$59,000
Contracts	Friends of Mississippi River	\$266,000	\$61,000	Washington County Parks, Flint Hills Resources	\$327,000
Fee Acquisition w/ PILT	Friends of Mississippi River	\$0	\$0		\$0
Fee Acquisition w/o PILT	Friends of Mississippi River	\$0	\$0		\$0
Easement Acquisition	Friends of Mississippi River	\$0	\$0		\$0
Easement Stewardship	Friends of Mississippi River	\$0	\$0		\$0
Travel	Friends of Mississippi River	\$1,300	\$0		\$1,300
Professional Services	Friends of Mississippi River	\$0	\$0		\$0
Direct Support Services	Friends of Mississippi River	\$0	\$0		\$0
DNR Land Acquisition Costs	Friends of Mississippi River	\$0	\$0		\$0
Capital Equipment	Friends of Mississippi River	\$0	\$0		\$0
Other Equipment/Tools	Friends of Mississippi River	\$0	\$0		\$0
Supplies/Materials	Friends of Mississippi River	\$3,700	\$0		\$3,700
DNR IDP	Friends of Mississippi River	\$0	\$0		\$0
Total		\$300,000	\$91,000		\$391,000

Personnel - Friends of Mississippi River

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
FMR Personnel (Ecologists, Conservation Director, Stewardship Staff, Bookkeeper)	0.37	3.00	\$29,000	\$30,000	3M Foundation, Flint Hills Resources	\$59,000
Total	0.37	3.00	\$29,000	\$30,000		\$59,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Great River Greening	\$84,000	\$33,000	Great River Greening, Minnehaha Creek Watershed District, Three Rivers Park District, City of Andover	\$117,000
Contracts	Great River Greening	\$228,000	\$0		\$228,000
Fee Acquisition w/ PILT	Great River Greening	\$0	\$0		\$0
Fee Acquisition w/o PILT	Great River Greening	\$0	\$0		\$0
Easement Acquisition	Great River Greening	\$0	\$0		\$0
Easement Stewardship	Great River Greening	\$0	\$0		\$0
Travel	Great River Greening	\$5,000	\$0		\$5,000
Professional Services	Great River Greening	\$0	\$0		\$0
Direct Support Services	Great River Greening	\$20,000	\$50,400	Private	\$70,400
DNR Land Acquisition Costs	Great River Greening	\$0	\$0		\$0
Capital Equipment	Great River Greening	\$0	\$0		\$0
Other Equipment/Tools	Great River Greening	\$4,000	\$0		\$4,000
Supplies/Materials	Great River Greening	\$25,000	\$3,000	Vadnais Lake Area Watershed Management Organization	\$28,000
DNR IDP	Great River Greening	\$0	\$0		\$0
Total		\$366,000	\$86,400		\$452,400

Personnel - Great River Greening

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
GRG Personnel (Ecologist, Technicians, etc.)	0.27	5.00	\$84,000	\$33,000	Great River Greening, Minnehaha Creek Watershed District, Three Rivers Park District, City of Andover	\$117,000
Total	0.27	5.00	\$84,000	\$33,000		\$117,000

Amount of Request: \$7,551,000

Amount of Leverage: \$777,400

Leverage as a percent of the Request: 10.30%

DSS + Personnel: \$606,100

As a % of the total request: 8.03%

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program:

Partners have direct support expenses essential to complete conservation projects, which include such costs as administrative support staff, office space, printing and office supplies.

GRG -- Approved by the DNR in September 2019, GRG's DSS rate includes direct and necessary expenditures that are not captured in other line items in the budget.

MLT -- Approved by the DNR in March 2017, MLT's DSS rate includes the allowable direct and necessary expenditures that are not captured in other line items in the budget. This is similar to the MLT's proposed federal indirect rate. MLT will apply this DNR-approved rate only to personnel expenses.

TPL -- DSS rate is based upon TPL's federally-approved indirect rate, which has been approved by the DNR. This rate does not include costs that are included in other budget lines. 50% of these costs are requested from the grant and 50% is contributed as leverage.

FMR and MVT are not requesting DSS.

What is included in the contacts line?

Restoration and enhancement contracts with service providers (FMR, GRG, MLT). Habitat management plan preparation, landowner outreach by county SWCD offices (MLT). Potential site clean-up and initial restoration activities (TPL).

Does the amount in the travel line include equipment/vehicle rental? - Yes

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging:

NA

Describe and explain leverage source and confirmation of funds:

Leverage includes expected donated easement value by landowners (MLT), committed and anticipated partner, other private, city, county, park district and watershed district / organization funds (FMR, GRG, MVT, TPL), and anticipated RIM funds (TPL). Partial donation of fee value by landowners is possible but not included (TPL).

What is the cost per easement for stewardship and explain how that amount is calculated?

The average cost per easement to fund the Minnesota Land Trust's perpetual monitoring and enforcement obligations is \$24,000. This figure is derived from MLT's detailed stewardship funding "cost analysis" which is consistent with Land Trust Accreditation standards. MLT shares periodic updates to this cost analysis with LSOHC staff.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	23	0	100	123
Protect in Fee with State PILT Liability	60	100	147	0	307
Protect in Fee W/O State PILT Liability	120	80	100	0	300
Protect in Easement	0	0	0	157	157
Enhance	52	41	202	0	295
Total	232	244	449	257	1,182

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

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	19
Total	19

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$78,000	\$0	\$350,000	\$428,000
Protect in Fee with State PILT Liability	\$876,600	\$1,460,900	\$2,147,500	\$0	\$4,485,000
Protect in Fee W/O State PILT Liability	\$320,000	\$200,000	\$280,000	\$0	\$800,000
Protect in Easement	\$0	\$0	\$0	\$1,250,000	\$1,250,000
Enhance	\$186,000	\$30,000	\$372,000	\$0	\$588,000
Total	\$1,382,600	\$1,768,900	\$2,799,500	\$1,600,000	\$7,551,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	123	0	0	0	0	123
Protect in Fee with State PILT Liability	307	0	0	0	0	307
Protect in Fee W/O State PILT Liability	300	0	0	0	0	300
Protect in Easement	157	0	0	0	0	157
Enhance	295	0	0	0	0	295
Total	1,182	0	0	0	0	1,182

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$428,000	\$0	\$0	\$0	\$0	\$428,000
Protect in Fee with State PILT Liability	\$4,485,000	\$0	\$0	\$0	\$0	\$4,485,000
Protect in Fee W/O State PILT Liability	\$800,000	\$0	\$0	\$0	\$0	\$800,000
Protect in Easement	\$1,250,000	\$0	\$0	\$0	\$0	\$1,250,000
Enhance	\$588,000	\$0	\$0	\$0	\$0	\$588,000
Total	\$7,551,000	\$0	\$0	\$0	\$0	\$7,551,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$3391	\$0	\$3500
Protect in Fee with State PILT Liability	\$14610	\$14609	\$14609	\$0
Protect in Fee W/O State PILT Liability	\$2667	\$2500	\$2800	\$0
Protect in Easement	\$0	\$0	\$0	\$7962
Enhance	\$3577	\$732	\$1842	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$3480	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$14609	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$2667	\$0	\$0	\$0	\$0
Protect in Easement	\$7962	\$0	\$0	\$0	\$0
Enhance	\$1993	\$0	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

1.5

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
G RG - Stroo tman Park	0 3224219	10	\$52,000	Yes
G RG - Timber Rivers Park	0 3225212	10	\$40,000	Yes

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?
MLT - Oak Lake	11725211	84	\$100,000	Yes

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?
FMR - Pine Bend Bluffs Natural Area	0 2722227	84	\$81,530	Yes

Hennepin

Name	TRDS	Acres	Est Cost	Existing Protection?
G RG - Minnehaha Greenway, Methodist Easement	11721220	15	\$60,000	Yes
G RG - Mississippi River Bluffs	12022209	18	\$63,000	Yes

Isanti

Name	TRDS	Acres	Est Cost	Existing Protection?
MLT - Medveck y Woods	0 3423202	40	\$20,000	Yes
MLT - Stanchfield Creek	0 3724231	5	\$10,000	Yes

Ramsey

Name	TRDS	Acres	Est Cost	Existing Protection?
G RG - Vadnais / Sucker Lake	0 3022219	45	\$152,000	Yes

Sherburne

Name	TRDS	Acres	Est Cost	Existing Protection?
MLT - Hunter Lake	0 3426224	30	\$60,000	Yes
MLT - Pickerel Lake	0 3430203	40	\$80,000	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
FMR - Cottage Grove Ravine Park	0 2721223	122	\$188,274	Yes
FMR - Riverside Park	0 2722212	14	\$29,254	Yes
MLT - Cedar Cliff	0 3219206	20	\$40,000	Yes
MLT - Hardwood Creek	0 3221235	80	\$80,000	Yes
MLT - Linkert Farm	0 3021209	30	\$65,000	Yes
MLT - Old Mill Stream	0 3120201	45	\$90,000	Yes
MLT - Silver Creek	0 3020216	50	\$100,000	Yes
MLT - Valley Creek	0 2820217	15	\$45,000	Yes

Section 2 - Protect Parcel List

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
MVT - Rapids Lake Unit Addition, MN Valley National Wildlife Refuge	11423206	118	\$826,000	No	Full	Full
MVT - San Francisco Unit Addition, MN Valley National Wildlife Refuge	11424201	168	\$546,000	No	Full	Full

Chisago

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
TPL - Carlos Avery WMA Addition	03321205	60	\$80,000	No	Full	Full

Hennepin

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
TPL - Prairie Hill WMA	11824223	307	\$4,100,000	No	Full	Full
TPL - Robina Lake WMA Addition	11824208	75	\$360,000	No	Full	Full

Scott

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
MVT - Blakeley Unit Addition, MN Valley National Wildlife Refuge	11326236	194	\$630,500	No	Full	Full

Sibley

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
MVT - Jessenland Unit Addition, MN Valley National Wildlife Refuge	11326213	200	\$650,000	No	Full	Full

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
TPL - Bayport WMA Addition 1	02920209	195	\$3,010,000	No	Full	Full
TPL - Bayport WMA Addition 2	02920222	82	\$1,100,000	No	Full	Full
TPL - Hardwood Creek WMA Addition	03221226	470	\$700,000	No	Full	Full
TPL - May Township	03120209	40	\$450,000	No	Full	Full
TPL - Paul Hugo Farms WMA Addition	03121222	230	\$1,000,000	No	Full	Full

Section 2a - Protect Parcel with Bldgs

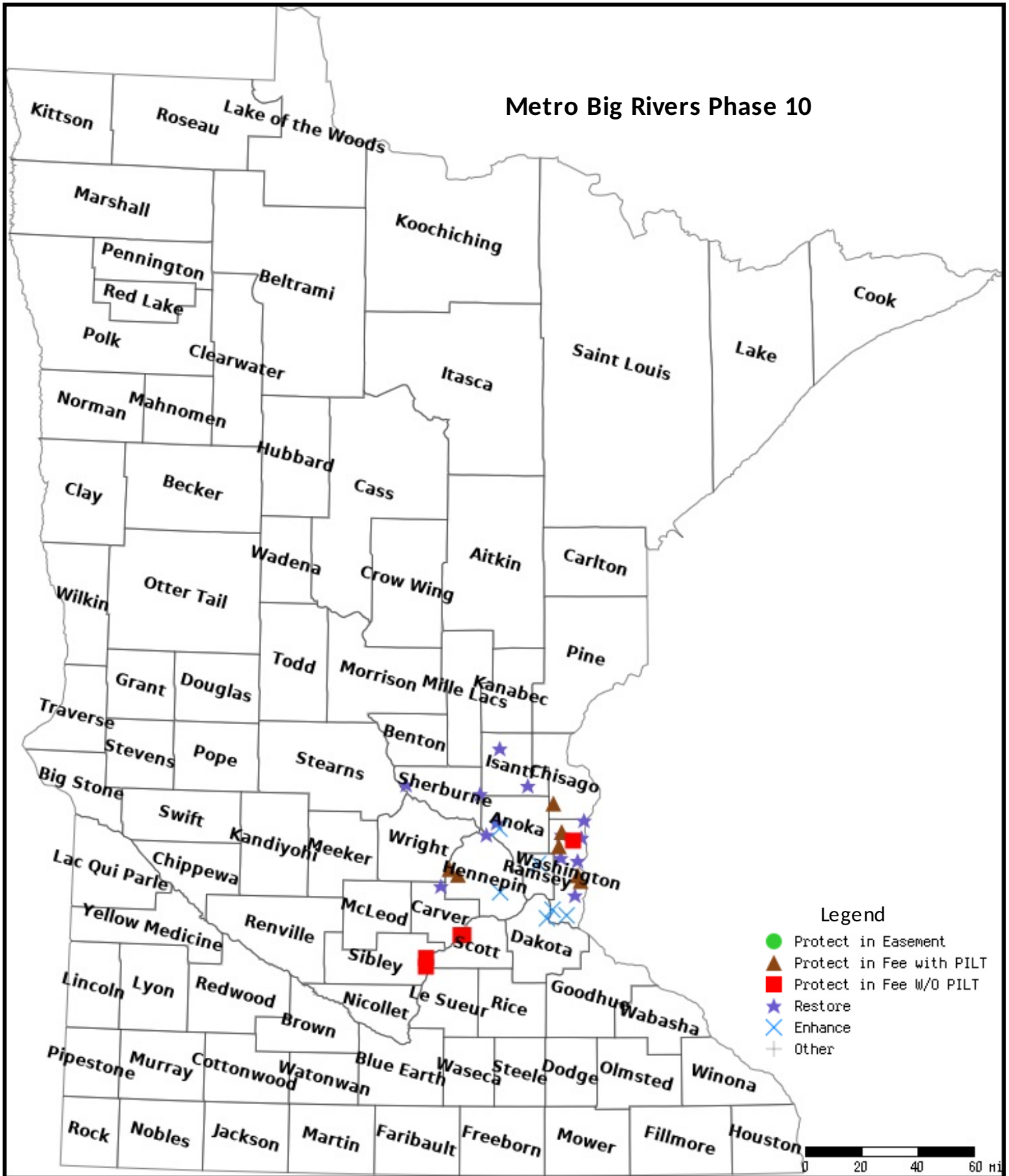
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Metro Big Rivers Phase 10



Data Generated From Parcel List