

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2013 Final Report



Date: November 06, 2019

Program or Project Title: Root River Protection and Restoration

Funds Recommended: \$2,750,000

Manager's Name: Richard Biske

Organization: The Nature Conservancy

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

Appropriation Language: \$2,750,000 in the first year is to the commissioner of natural resources for agreements to acquire land in fee for scientific and natural areas under Minnesota Statutes, sections 86A.05, subdivision 5, and for state forest purposes under Minnesota Statutes, section 86A.05, subdivision 7, and to acquire permanent conservation easements as follows: \$2,122,000 to The Nature Conservancy and \$628,000 to the Minnesota Land Trust. Up to \$100,000 is for establishing a monitoring and enforcement fund, as approved in the accomplishment plan and subject to Minnesota Statutes, section 97A.056, subdivision 17. A list of proposed acquisitions and permanent conservation easements must be provided as part of the required accomplishment plan.

County Locations: Fillmore, Houston, and Winona.

Eco regions in which work was completed:

- Southeast Forest

Activity types:

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

Priority resources addressed by activity:

- Forest
- Prairie
- Habitat

Summary of Accomplishments:

The Nature Conservancy acquired in fee 3 properties that added 143 acres to the RJ Doer Memorial Hardwood Forest. The Minnesota Land Trust protected 3 properties with perpetual easements totaling 526 acres. The Nature Conservancy enhanced 396 acres of high priority habitat (bluff prairie and oak savanna) on existing state forest and Scientific and Natural Area lands, and an additional 35 acres on new fee acquisitions.

Process & Methods:

This program identified three primary goals: 1) expand the amount of protected land—both public and private—in strategic locations based on existing protected lands and high-quality habitat; 2) maximize the quality of this protected habitat through well-executed restoration and enhancement projects; and 3) increase public access to these unique habitats in this area of the state with relatively little public lands. Using funding provided by this appropriation, we advanced those goals by acquiring fee ownership of key additions to State Forest units, completing conservation easements over private lands with significant biodiversity, and taking on the most difficult initial phase to invasive brush control to restore important bluff prairie and savanna habitat.

Priorities for this program were informed by biodiversity data from the MN Biological Survey (MBS) along with a comprehensive, multi-partner watershed protection plan, the Root River Watershed Landscape Stewardship Plan (LSP). The LSP identified areas where program work would have the most impact for multiple benefits. MBS data identified areas with the greatest significance for biodiversity. From there, local knowledge of TNC and MLT staff, along with our DNR partners guided us to the most important opportunities in the program area.

In this Root River program, MLT strategically concentrated its land protection activities on high priority upland habitats, including bluff prairies, forests, savanna and high quality trout streams. MLT targeted private lands that helped fill gaps in existing protected land framework, contained the highest-quality habitat, and provided the greatest leverage to the state. The Land Trust sought donated easement value in these areas whenever possible but purchased easements that help complete key complexes as necessary. In subsequent grants in Southeast Minnesota, MLT transitioned to a competitive, market-based approach to identifying and securing conservation easements.

Opportunities for fee acquisition under this appropriation became limited when the SNA program reversed a previous verbal agreement to accept a large property, the Rollie Tract (now 7 Springs WMA). The SNA program decided after funds had been awarded that the amount of restoration need on the property was not an appropriate fit for their program. The Rollie tract and associated restoration projects have since been completed in partnership with DNR Division of Wildlife using subsequent appropriations from LSOHC. SNA's decision not to accept new acquisitions left State Forests as the only allowable partner for protection in fee under this appropriation, and it proved difficult to find enough opportunities that met with Division of Forestry's priorities to utilize the funding leftover from the 7 Springs tract.

Original restoration and enhancement goals included acres that were intended to be acquired during this appropriation, including the 7 Springs Acquisition. When this appropriation was unable to be used on that site, TNC shifted focus away from restoration and towards enhancement projects. Resources were redirected towards much needed enhancement work on bluff prairies threatened by brush and red-cedar encroachment. These habitat types are critical components of the diversity of the region, and are at risk of being overrun by invasive buckthorn and honeysuckle and native red-cedar that have become aggressive in the absence of fire.

These sites were selected based on their positions within larger habitat complexes. TNC prioritized work in areas with several larger bluff prairie sites in proximity to each other with known timber rattlesnake dens, a Species in Greatest Conservation Need. Targeted sites can be maintained as part of a larger habitat complex, with prescribed fire utilized on a landscape scale to manage fire-dependent oak woodlands as well as the prairie and savanna sites. This creates diverse connected habitat that provides the full suite of habitat types used by rare herpetofauna and birds, as well as popular games species like deer and turkey. These connected complexes are also easier to manage at a landscape scale in a disturbance dependent landscape like Southeast MN.

In partnership with DNR Forestry, as well as staff from DNR's non-game program, TNC used a variety of methods to control invading brush and release the native prairie communities. On the most severe sites, contractor or CCM crews cut brush by hand, and burned the slash on site. This is difficult work on steep terrain, and was only conducted during the winter season to minimize the potential for rattlesnake encounters. The difficulty and cost of this work emphasize the need for treating sites before brush encroachment gets too severe, and also to follow up on recently cleared slopes to maximize its effectiveness. Prescribed grazing using goats has proven cost-effective on sites to treat new brush growth, giving grasses and forbs the opportunity to re-colonize areas where thick brush has been removed. On flatter areas, forestry mowers were used to treat undesirable woody vegetation over larger areas to return savanna conditions and facilitate the return of prescribed fire management.

Explain Partners, Supporters, & Opposition:

The Nature Conservancy partnered with the Minnesota Land Trust (MLT) for this program in order to achieve protection through both fee title and easement acquisition. More broadly, this work was carried out with strong cooperation of the DNR divisions of Forestry and Ecological and Water Resources, especially the non-game program. Additionally, local DNR staff from the Division of Fish and Wildlife were supportive in project selection and planning discussions. All activities included in this effort were also coordinated with local stakeholders, including local county and Soil and Water Conservation District (SWCD) staff, Non-profits, and other state agencies such as Minnesota Pollution Control Agency.

By communicating openly and consistently with local stakeholders, neighbors, and landowners, we were able to address local concerns before they led to significant opposition.

Additional Comments:

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

At its outset, the fee land protection portion of this program was intended to help implement two primary existing plans: 1) MN DNR Forestry's R.J. Dorer Memorial Hardwood Forest acquisition plan, and 2) the Scientific and Natural Area acquisition plan. Based on these plans, sites were identified prior to seeking funding with the expectation that acquired tracts would be designated as State Forest or SNA. In particular, a large project that had been a protection priority in the region for decades due to its ecological significance (7 Springs) was planned to be designated as an SNA. Unfortunately, after appropriation, SNA made the decision to not add additional SNA units. This left significant acquisition funds from this appropriation that could not be used for this project. Subsequently, this project and others that fit WMA designation were acquired with future appropriations and significant private funding.

Other Funds Received:

- Not Listed

How were the funds used to advanced the program:

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

TNC has worked with DNR to accomplish the most significant restoration work required on fee title acquisition properties, bringing future management needs to a level consistent with other state lands.

Restoration and enhancement projects were also chosen with their long-term impact and manageability into the future in mind. After using OHF funding to remove encroaching woody vegetation on fire dependent habitat, future management with prescribed fire and grazing will have much lower costs per acre.

In this landscape, on-going management is required for natural systems to remain healthy. TNC is committed to working with land managers to sustain that important work, including securing federal funds to increase prescribed fire in priority complexes.

The land protected through conservation easements by MLT will be sustained through the best standards and practices for conservation easement stewardship, including annual property monitoring and enforcement as necessary. Funding for these easement stewardship activities was provided through the grant and was incorporated into the Land Trust's long-term stewardship and enforcement fund.

In addition, MLT encourages landowners of these properties to ecologically manage their lands, provides them with habitat management plans to guide their actions, and seeks funding to assist landowners in undertaking this work.

Outcomes:

The original accomplishment plan stated the program would

Programs in southeast forest region:

- Healthier populations of endangered, threatened, and special concern species as well as more common species
- High priority riparian lands, forestlands, and savannas are protected from parcelization and fragmentation
- Landlocked public properties have increased access for land managers
- Remnant goat prairies are perpetually protected
- Rivers, streams, and surrounding vegetation provide corridors of habitat
- Stream to bluff habitat restoration and enhancement will keep water on the land to slow runoff and degradation of aquatic habitat
- Springshed protection

How will the outcomes be measured and evaluated?

In addition to tracking acres and stream frontage protected, enhanced, restored, and made accessible to the public, TNC and MLT are partners in two Southeast MN Conservation Focus Areas (CFA). The CFAs are partnerships organized around priority landscapes in the

State Wildlife Action Plan. That partnership is beginning implementation of a monitoring program to assess the impact of protection, restoration, and enhancement activities on Species in Greatest Conservation need in the region. These results will give a robust picture of the impact we are having on the region, and help guide future strategies and management.

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: \$2,750,000

Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$262,500	\$146,100	\$17,000	\$17,000	TNC, TNC, TNC	\$279,500	\$163,100
Contracts	\$290,000	\$384,600	\$29,000	\$0	TNC	\$319,000	\$384,600
Fee Acquisition w/ PILT	\$1,532,400	\$398,400	\$0	\$0		\$1,532,400	\$398,400
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	\$380,000	\$414,300	\$90,000	\$19,400	Private Source	\$470,000	\$433,700
Easement Stewardship	\$100,000	\$60,000	\$0	\$0		\$100,000	\$60,000
Travel	\$9,200	\$7,800	\$900	\$0	TNC	\$10,100	\$7,800
Professional Services	\$97,500	\$207,500	\$9,800	\$0	TNC	\$107,300	\$207,500
Direct Support Services	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	\$25,000	\$0	\$0	\$0		\$25,000	\$0
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$10,400	\$0	\$1,000	\$0	TNC	\$11,400	\$0
Supplies/Materials	\$43,000	\$18,700	\$4,300	\$0	TNC	\$47,300	\$18,700
DNR IDP	\$0	\$7,200	\$0	\$0		\$0	\$7,200
Total	\$2,750,000	\$1,644,600	\$152,000	\$36,400		\$2,902,000	\$1,681,000

Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Project Manager	0.49	3.00	\$44,400	\$17,000	TNC	\$61,400
Protection Specialist	0.25	3.00	\$38,300	\$0	TNC	\$38,300
TNC Grant Administrator	0.23	3.00	\$10,000	\$0	TNC	\$10,000
MLT Conservation and Legal Staff	0.19	3.00	\$53,400	\$0		\$53,400
Total	1.15	12.00	\$146,100	\$17,000		\$163,100

Budget and Cash Leverage by Partnership

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	TNC	\$169,500	\$92,700	\$17,000	\$17,000	TNC, TNC, TNC	\$186,500	\$109,700
Contracts	TNC	\$290,000	\$384,600	\$29,000	\$0	TNC	\$319,000	\$384,600
Fee Acquisition w/ PILT	TNC	\$1,532,400	\$398,400	\$0	\$0		\$1,532,400	\$398,400
Fee Acquisition w/o PILT	TNC	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	TNC	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	TNC	\$0	\$0	\$0	\$0		\$0	\$0
Travel	TNC	\$4,200	\$2,300	\$900	\$0	TNC	\$5,100	\$2,300
Professional Services	TNC	\$47,500	\$135,600	\$9,800	\$0	TNC	\$57,300	\$135,600
Direct Support Services	TNC	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	TNC	\$25,000	\$0	\$0	\$0		\$25,000	\$0
Capital Equipment	TNC	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	TNC	\$10,400	\$0	\$1,000	\$0	TNC	\$11,400	\$0
Supplies/Materials	TNC	\$43,000	\$18,700	\$4,300	\$0	TNC	\$47,300	\$18,700
DNR IDP	TNC	\$0	\$7,200	\$0	\$0		\$0	\$7,200
Total		\$2,122,000	\$1,039,500	\$62,000	\$17,000		\$2,184,000	\$1,056,500

Personnel - TNC

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Project Manager	0.49	3.00	\$44,400	\$17,000	TNC	\$61,400
Protection Specialist	0.25	3.00	\$38,300	\$0	TNC	\$38,300
TNC Grant Administrator	0.23	3.00	\$10,000	\$0	TNC	\$10,000
Total	0.96	9.00	\$92,700	\$17,000		\$109,700

Budget Name	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	Minnesota Land Trust	\$93,000	\$53,400	\$0	\$0		\$93,000	\$53,400
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	\$380,000	\$414,300	\$90,000	\$19,400	Private Source	\$470,000	\$433,700
Easement Stewardship	Minnesota Land Trust	\$100,000	\$60,000	\$0	\$0		\$100,000	\$60,000
Travel	Minnesota Land Trust	\$5,000	\$5,500	\$0	\$0		\$5,000	\$5,500
Professional Services	Minnesota Land Trust	\$50,000	\$71,900	\$0	\$0		\$50,000	\$71,900
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		\$628,000	\$605,100	\$90,000	\$19,400		\$718,000	\$624,500

Personnel - Minnesota Land Trust

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
MLT Conservation and Legal Staff	0.19	3.00	\$53,400	\$0		\$53,400
Total	0.19	3.00	\$53,400	\$0		\$53,400

Explain any budget challenges or successes:

The planned budget for this appropriation had to shift significantly when MN DNR's SNA program reversed their decision to receive the Rollie Tract (now 7 Springs WMA). The acquisition priorities of DNR Forestry and SNA made replacing a \$1.3 million project impossible. While several other high quality parcels were completed, and additional restoration and enhancement projects were possible with a portion of those funds, the limited scope of the partnership in this first phase of the program prevented us from fully spending the awarded funds. Contract leverage planned for this appropriation was used for a federal grant instead.

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	115	0	50	0	0	0	165	0
Protect in Fee with State PILT Liability	0	0	60	15	354	128	0	0	414	143
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	350	0	0	526	0	0	350	526
Enhance	0	0	0	254	45	142	0	0	45	396
Total	0	0	525	269	449	796	0	0	974	1,065

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	79
Enhance	0	102
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	\$282,800	\$0	\$112,500	\$0	\$0	\$0	\$395,300	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$430,300	\$202,000	\$1,265,300	\$387,800	\$0	\$0	\$1,695,600	\$589,800
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$628,000	\$0	\$0	\$605,100	\$0	\$0	\$628,000	\$605,100
Enhance	\$0	\$0	\$0	\$352,600	\$31,100	\$97,100	\$0	\$0	\$31,100	\$449,700
Total	\$0	\$0	\$1,341,100	\$554,600	\$1,408,900	\$1,090,000	\$0	\$0	\$2,750,000	\$1,644,600

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	0	0	0	0	165	0	0	0	0	0	165	0
Protect in Fee with State PILT Liability	0	0	0	0	414	143	0	0	0	0	414	143
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	0	0	350	526	0	0	0	0	350	526
Enhance	0	0	0	0	45	396	0	0	0	0	45	396
Total	0	0	0	0	974	1,065	0	0	0	0	974	1,065

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	\$395,300	\$0	\$0	\$0	\$0	\$0	\$395,300	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$1,695,600	\$589,800	\$0	\$0	\$0	\$0	\$1,695,600	\$589,800
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$628,000	\$605,100	\$0	\$0	\$0	\$0	\$628,000	\$605,100
Enhance	\$0	\$0	\$0	\$0	\$31,100	\$449,700	\$0	\$0	\$0	\$0	\$31,100	\$449,700
Total	\$0	\$0	\$0	\$0	\$2,750,000	\$1,644,600	\$0	\$0	\$0	\$0	\$2,750,000	\$1,644,600

Automatic system calculation / not entered by managers

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

2.5

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

2.56 miles

Explain the success/shortage of acre goals:

As described above, SNA's decision not to accept a large protection project, and the inability to add DNR Wildlife as a potential partner prevented TNC from meeting their target for Protect in Fee acres (146 acres; 35%). MLT exceeded their goal of acres protected in easement by 176 acres (150%). TNC accomplished nearly 400 acres of enhancement projects (not counting 35 acres enhanced on new fee acquisitions), achieving 190% of their restoration/enhancement goals. The shift from Restoration to Enhancement by TNC is described above. Overall, the Partnership exceeded the bottom-line goal of acres impacted by 9%.

Parcel List

Section 1 - Restore / Enhance Parcel List

Fillmore

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Isinours State Forest	10 310 220	20	\$57,200	Yes	Bluff prairie and savanna clearing
Olson Bluff	10 40 8213	15	\$10,900	Yes	Brush control on a bluff prairie through goat grazing.
Rushford Sand Barrens SNA	10 40 8221	25	\$88,800	Yes	Prairie and Savanna mowing
Rushford State Forest	10 40 8225	30	\$85,900	Yes	Bluff prairie cleared of encroaching red-cedar and brush

Houston

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Mound Prairie	10 30 5203	29	\$17,200	Yes	Brush control on two bluff prairies through prescribed goat grazing.
Vinegar Ridge Bluff	10 40 7228	50	\$12,600	Yes	Goat grazing on bluff prairie
Vinegar Ridge Savanna	10 40 7228	142	\$43,000	Yes	Oak savanna enhancement
Wet bark Bluffs	10 30 7212	46	\$16,400	Yes	Brush control on several bluffs through goat grazing

Section 2 - Protect Parcel List

Fillmore

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Root River (Griffin Trust)	10 410 235	85	\$88,000	No	No	No	Protect 95 acres of oak forest and bluff along Root River adjacent to DNR State Forest.
Rushford Sand Barrens Forestry	10 40 8221	78	\$251,694	No	Full	Full	Hardwood forest, jack pine woodland, Root River frontage

Houston

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Houston 1	10 30 7224	31	\$90,839	No	Full	Full	Bluff prairie and hardwood forest
Houston 2	10 30 7214	34	\$111,593	No	Full	Full	Hardwood forest and bluff prairie with savanna
Root River (Johnson)	10 40 7221	154	\$105,000	No	No	No	Permanent easement on prairie and surrounding area

Winona

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Root River (Gilmer)	10 50 6234	277	\$215,560	No	No	No	Bluff prairie, forest protection

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: Houston 1

# of Total Acres:	31
County:	Houston
Township:	103
Range:	07
Direction:	2
Section:	24
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	22
# of Acres: Prairie/Grassland:	9
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Minnesota Department of Natural Resources
Annual Reporting Manager Name:	Jim Edgar
Annual Reporting Address:	912 Houston St NW
Annual Reporting City:	Preston
Annual Reporting State:	MN
Annual Reporting Zip:	55965
Annual Reporting Email:	jim.edgar@state.mn.us
Annual Reporting Phone:	6513453216
Purchase Date:	June 28, 2016
Acquisition Title:	
Purchase Price:	\$76,700
Appraised Value:	\$76,700
Professional Service Costs:	\$14,139
Assessed Value:	\$76,700
Total Project Cost:	\$90,839
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	DNR - Forestry -
Name of the unit area or location government unit or land manager:	Minnesota DNR Forestry- RJ Dorer Memorial Hardwood Forest

Completed Parcel: Houston 2

# of Total Acres:	34
County:	Houston
Township:	103
Range:	07
Direction:	2
Section:	14
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	26
# of Acres: Prairie/Grassland:	8
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Minnesota Department of Natural Resources
Annual Reporting Manager Name:	Jim Edgar
Annual Reporting Address:	912 Houston St NW
Annual Reporting City:	Preston
Annual Reporting State:	MN
Annual Reporting Zip:	55965
Annual Reporting Email:	jim.edgar@state.mn.us
Annual Reporting Phone:	6513453216
Purchase Date:	June 16, 2016
Acquisition Title:	
Purchase Price:	\$90,688
Appraised Value:	\$90,688
Professional Service Costs:	\$19,394
Assessed Value:	\$90,688
Total Project Cost:	\$111,593
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	-
Name of the unit area or location government unit or land manager:	

Completed Parcel: Isinours State Forest

# of Total Acres:	20
County:	Fillmore
Township:	103
Range:	10
Direction:	2
Section:	20
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	20
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:	\$57,200

Completed Parcel: Mound Prairie

# of Total Acres:	29
County:	Houston
Township:	103
Range:	05
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	29
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:	\$17,200

Completed Parcel: Olson Bluff

# of Total Acres:	15
County:	Fillmore
Township:	104
Range:	08
Direction:	2
Section:	13
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	15
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:	\$10,900

Completed Parcel: Root River (Gilmer)

# of Total Acres:	277
County:	Winona
Township:	105
Range:	06
Direction:	2
Section:	34
# of Acres: Wetlands/Upland:	1
# of Acres: Forest:	181
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	3040 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Looney Creek
Has there been signage erected at the site:	No - Need to verify. Signs sent to landowner to erect.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave. W. Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-917-6292
Purchase Date:	December 23, 2014
Purchase Price:	\$215,560
Appraised Value:	\$220,000
Professional Service Costs:	\$30,110
Assessed Value:	\$835,600
Total Project Cost:	\$220,000
Donations:	\$4,440
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave. W. Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-917-6292
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave. W. Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-917-6292
Underlying Fee Owner:	James & Jane Gilmer

Completed Parcel: Root River (Griffin Trust)

# of Total Acres:	85
County:	Fillmore
Township:	10 4
Range:	10
Direction:	2
Section:	35
# of Acres: Wetlands/Upland:	33
# of Acres: Forest:	52
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	5739 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Root River
Has there been signage erected at the site:	No - Signs were presented to the landowner; will confirm through next annual monitoring visit if they have been erected.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave. West, Suite 240
Annual Reporting City:	St Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-647-9590
Purchase Date:	December 15, 2016
Purchase Price:	\$88,000
Appraised Value:	\$88,000
Professional Service Costs:	\$0
Assessed Value:	\$200,700
Total Project Cost:	\$88,000
Donations:	\$0
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave. West, Suite 240
Easement Holder City:	St Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-647-9590
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave. West, Suite 240
Responsible City:	St Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	6516479590
Underlying Fee Owner:	Monica G. Griffin, as Trustee of the Monica G. Griffin Trust

Completed Parcel: Root River (Johnson)

# of Total Acres:	154
County:	Houston
Township:	104
Range:	07
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	0
# of Acres: Forest:	69
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	3339 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	No - Need to verify. Signs sent to landowner to erect.
Annual Reporting Organization Name:	Minnesota Land Trust
Annual Reporting Manager Name:	Wayne Ostlie
Annual Reporting Address:	2356 University Ave. W., Suite 240
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55114
Annual Reporting Email:	wostlie@mnland.org
Annual Reporting Phone:	651-917-6292
Purchase Date:	September 08, 2014
Purchase Price:	\$105,000
Appraised Value:	\$120,000
Professional Service Costs:	\$13,575
Assessed Value:	\$446,300
Total Project Cost:	\$120,000
Donations:	\$15,000
Easement Holder Organization Name:	Minnesota Land Trust
Easement Holder Manager Name:	Wayne Ostlie
Easement Holder Address:	2356 University Ave. W., Suite 240
Easement Holder City:	St. Paul
Easement Holder State:	MN
Easement Holder Zip:	55114
Easement Holder Email:	wostlie@mnland.org
Easement Holder Phone:	651-917-6292
Responsible Organization Name:	Minnesota Land Trust
Responsible Manager Name:	Wayne Ostlie
Responsible Address:	2356 University Ave. W., Suite 240
Responsible City:	St. Paul
Responsible State:	MN
Responsible Zip:	55114
Responsible Email:	wostlie@mnland.org
Responsible Phone:	651-917-6292
Underlying Fee Owner:	Joel & Audery Johnson

Completed Parcel: Rushford Sand Barrens Forestry

# of Total Acres:	78
County:	Fillmore
Township:	104
Range:	08
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	77.66
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	1400 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Root River
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	Minnesota Department of Natural Resources
Annual Reporting Manager Name:	Jim Edgar
Annual Reporting Address:	912 Houston St NW
Annual Reporting City:	Preston
Annual Reporting State:	MN
Annual Reporting Zip:	55965
Annual Reporting Email:	jim.edgar@state.mn.us
Annual Reporting Phone:	651.345.3216
Purchase Date:	June 10, 2016
Acquisition Title:	
Purchase Price:	\$231,039
Appraised Value:	\$231,039
Professional Service Costs:	\$19,120
Assessed Value:	\$231,039
Total Project Cost:	\$251,694
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	DNR - Forestry -
Name of the unit area or location government unit or land manager:	Rushford Sand Barrens addition

Completed Parcel: Rushford Sand Barrens SNA

# of Total Acres:	25
County:	Fillmore
Township:	104
Range:	08
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	25
# 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:	\$88,800

Completed Parcel: Rushford State Forest

# of Total Acres:	30
County:	Fillmore
Township:	104
Range:	08
Direction:	2
Section:	25
# 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:	\$85,900

Completed Parcel: Vinegar Ridge Bluff

# of Total Acres:	50
County:	Houston
Township:	104
Range:	07
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	50
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:	\$12,600

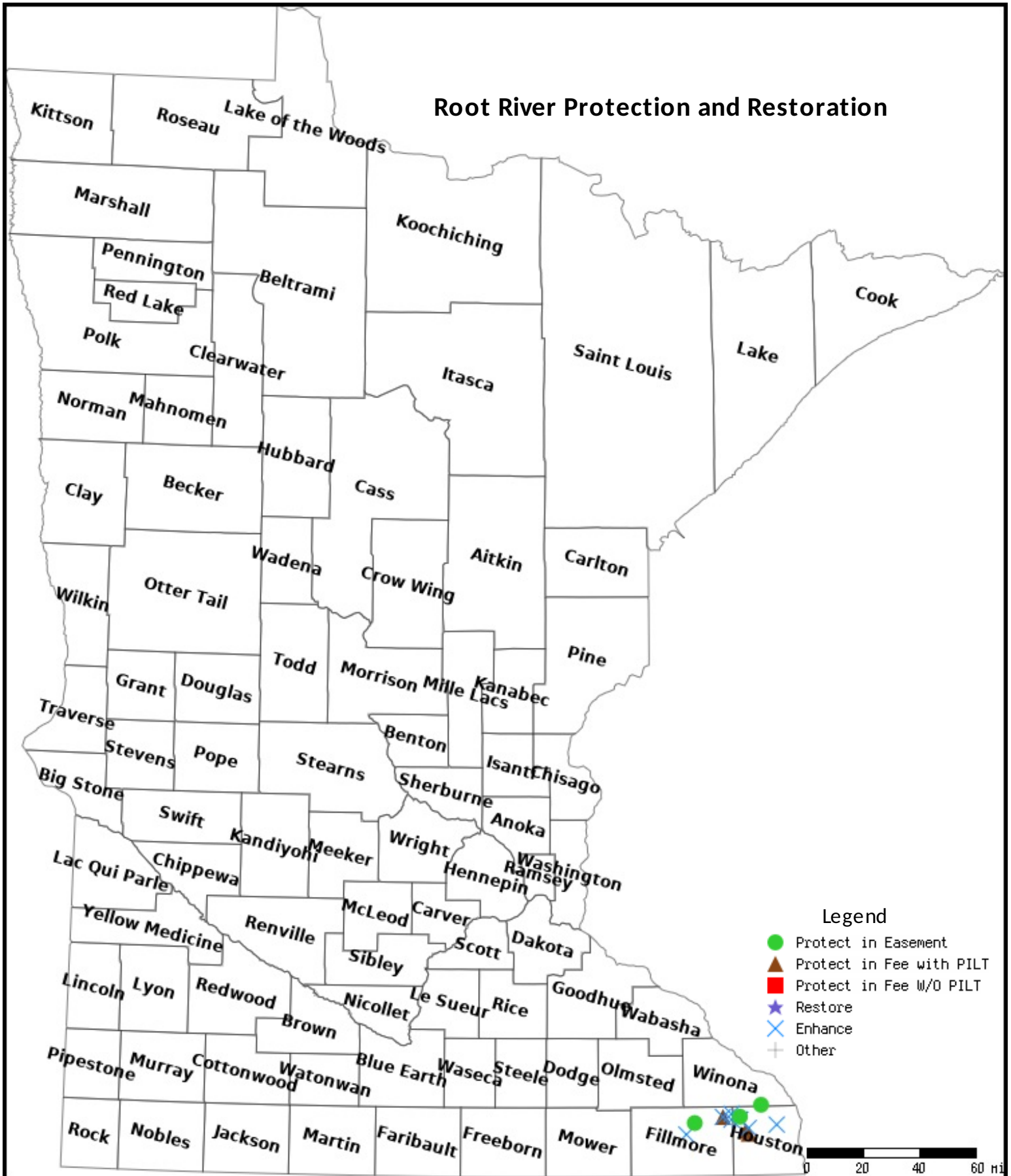
Completed Parcel: Vinegar Ridge Savanna

# of Total Acres:	142
County:	Houston
Township:	104
Range:	07
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	142
# 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:	\$43,000

Completed Parcel: Wet bark Bluffs

# of Total Acres:	46
County:	Houston
Township:	103
Range:	07
Direction:	2
Section:	12
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# of Acres: Prairie/Grassland:	46
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:	\$16,400

Parcel Map



Data Generated From Parcel List