

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



Date: October 09, 2017

Program or Project Title: Young Forest Conservation

Funds Recommended: \$1,180,000

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Legislative Citation: ML 2013, Ch. 137, Art. 1, Sec. 2, Subd. 3(a)

Appropriation Language: \$1,180,000 in the first year is to the commissioner of natural resources for an agreement with the American Bird Conservancy to acquire lands in fee to be added to the wildlife management area system under Minnesota Statutes, section 86A.05, subdivision 8, and to restore and enhance habitat on publicly protected land. A list of proposed land acquisitions must be provided as part of the required accomplishment plan.

County Locations: Aitkin, Becker, Beltrami, Carlton, Cass, Clearwater, Hubbard, Itasca, Lake of the Woods, Mille Lacs, Pine, Roseau, and Wadena.

Regions in which work was completed:

- Northern Forest
- Forest / Prairie Transition

Activity types:

- Restore
- Protect in Fee

Priority resources addressed by activity:

- Forest

Summary of Accomplishments:

Using Minnesota Outdoor Heritage Fund dollars allocated in this grant, American Bird Conservancy (ABC) completed 2581 total acres of habitat enhancement on protected public lands in the northern MN Golden-winged Warbler focal area and 480 acres of acquisition adjacent to the Four Brooks Wildlife Management Area with assistance from The Conservation Fund. ABC completed habitat enhancement projects with 10 MN Department of Natural Resources Area Wildlife Offices and Forestry Departments, 6 MN County Land Departments, 2 USFWS National Wildlife Refuges, the Chippewa National Forest, and the Red Lake Band of Chippewa. Projects were completed in 12 MN counties.

Process & Methods:

Using Minnesota Outdoor Heritage Fund dollars allocated in this grant, ABC created its Minnesota Public Lands Program to focus on completing targeted young forest and brushland (also termed early successional) habitat projects on County, State, Federal, and Tribal lands with the assistance of associated public agencies. These enhancement projects were implemented using science-based Golden-

winged Warbler Best Management Practices to create breeding habitat for the golden-winged warbler, American woodcock, and associated species in deciduous forests of northern MN. Habitat treatments concentrated on non-commercial habitat types, the majority of which fell in lowland or upland brush stands dominated by alder, willow, and hazel within or adjacent to deciduous forest stands. Brush stands that were treated contained a mix of scattered and clumped hardwood tree species that were retained as residual structure along with scattered brush clumps.

Early successional habitat project sites that have reached the stage where they require cutting treatments contain very old and dense brush dominated by upland and lowland brush species measuring 1-5" diameter per stem in dense clumps that may contain 10+ stems at the base of the clump and often stand 10-20ft tall within a deciduous forest matrix. In the absence of natural disturbance such as low severity fire, these sites have become dominated by a closed canopy of brush species due to their extensive size and age (see attached pretreatment images), resulting in a greatly reduced component of understory forb species and also a reduced component of seedling and sapling tree regeneration. These closed brush canopies limit or remove the ability of ground nesting avian species such as the golden-winged warbler to occupy these sites for the purposes of nesting and brood rearing. On each project site, this brush component was thinned and, when present, all singly spaced or patches of mature tree species were retained onsite to provide residual structural diversity.

Most project sites were located in non-commercial brushland/forest interfaces, though a small number of projects were completed in forested covertypes to create habitat openings and multi-aged stands. The latter sites were completed using similar methodology as those described in brushland habitats in terms of the design of the project site and the retention of residual internal vegetation. Once complete, project sites have also been identified as producing high quality habitat for a suite of additional non-game and game species including ruffed grouse, sedge wren, veery, Nashville warbler, chestnut-sided warbler, rose-breasted grosbeak, bobcat, snowshoe hare, white-tailed deer, and elk (where they occur on the landscape).

A great deal of initial effort went into the process of finding new public lands partners who had the need within their management jurisdictions to complete the habitat enhancement projects described above. However, it quickly became apparent that public lands agencies indeed had a tremendous interest and willingness to complete habitat projects of this type and the number of project partners has grown every year since the inception this program. On multiple occasions and with a variety of different area natural resource managers (esp. within state and federal agencies) it was expressed that they had projects in deciduous forest brushland habitats that they had not had the funding to complete in many years. As such, it became apparent that ABC (with the assistance of the MN OHF) was filling a needed role within the state. The ABC public lands manager worked with these public agency in every phase of the project planning and implementation process.

It is important to note that ABC has partnered with Cornell University Lab of Ornithology and Indiana University of Pennsylvania-Research Institute to complete songbird and American woodcock monitoring on sites completed using this grant. These results will help identify post treatment site conditions that maximized the benefit to our target species and associated avian species. Through this monitoring, it is our hope to continue to refine our management techniques to continue to provide the best management possible on completed project sites.

The greatest challenge of this program was the level of knowledge needed by all partner natural resources managers concerning target post treatment habitat conditions and an equal need to convey those management objectives to the associated contractors. As such, a very understated aspect of this project was the need to educate a wide array project partners. Often similar work that was completed in these habitat types before the creation of this program focused on cutting most of the brush on any given project site. This usually meant that most saplings of any tree species were also cut with very little internal structure remaining. What makes this program unique is the project design focus to retain diverse internal structure in the form of scattered trees, clumps, and legacy patches that results in post treatment conditions that benefits a wider range of young forest species and allows the interior of larger sites (>10 acres) to be occupied by a higher density of avian species requiring this dynamic structure as well as openings on the forest floor for nesting and brood rearing. With projects with various partner agencies often separated by hundreds of miles, high quality natural resource managers and contractors that I could work with directly on the ground and would assist overseeing projects when I needed to visit other sites across the state was crucial to the success of this project. Thankfully, the foresters and biologists from partner agencies and the contractors ABC has now worked with over the past 4 years accepted the challenge and the associated learning curve and have become very proficient at interpreting the often unique ecological and biological features of our project sites as they relate to the implementation of the BMPs. With their help, ABC continues to identify and complete 500-1000 acres of early successional habitat each year given sufficient winter cutting conditions.

An additional challenge associated with the implementation of habitat projects located in lowland covertypes that require frozen ground conditions for cutting equipment to be used safely, was the extremely warm winters experienced by northern Minnesota over the past two years. Winters with high average temperatures and warm periods rising above freezing can limit the depth of ground frost on certain sites. This can be exacerbated when warm temperatures are followed by deep snows that provide insulation to the ground and reduce the ability of the ground to freeze once the temperature again falls below 32 degrees. During the winter project season, ABC and our agency partners were very diligent to assess frost depth to make sure that cutting equipment used on those sites did not risk damaging the soil resource. When it was not sufficiently frozen, projects were delayed until the frost depth became safe for project operations.

Explain Partners, Supporters, & Opposition:

Initially, only Tamarac National Wildlife Refuge and the Four Brooks Wildlife Management Area were identified as project partners. Tamarac NWR also provided the ABC Public Lands Coordinator an office at the refuge headquarters and access to the resources provided to its staff. Additionally, The Conservation Fund partnered with ABC to complete the acquisition adjacent to the Four Brooks WMA.

To date, ABC has expanded this partner base to include the majority of public lands agencies in the golden-winged warbler focal area. During the course of this grant ABC completed projects with 10 MN Department of Natural Resources Area Wildlife Offices and Forestry Departments, 6 MN County Land Departments, 2 USFWS National Wildlife Refuges, the Chippewa National Forest, and the Red Lake Band of Chippewa. ABC has also helped create the Minnesota Forest Habitat Collaborative a partnership consortium that includes conservation organizations, public agencies, and research institutions throughout Minnesota.

Additional Comments:

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

One tremendous opportunity and beneficial aspect of this program has been the opportunity to work across jurisdictional boundaries to facilitate communication and collaboration between various public lands agencies. A great example of this was a project that ABC was able to complete with the Carlton County Land Department and the MN DNR Cloquet Area Wildlife Management Office. On that project, ABC completed a project on state lands within the Blackhoof Wildlife Management Area (WMA), while also completing complimentary habitat operations just off the eastern edge of the WMA on Carlton County Forestry land. That project was just one example of how ABC has been able to help foster partnerships between public lands partners in the state.

Other Funds Received:

- Not Listed

How were the funds used to advanced the program:

Not Listed

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

Project sites completed under the auspices of ABC's ML 2013 Young Forest Conservation through the MN OHF provide high quality early successional habitat to the Golden-winged Warbler, American Woodcock, and associated young forest species for approximately 12-15 years before they again become overgrown and require additional maintenance. ABC will continue to work with our public lands partners to identify new project sites and monitor previously completed sites throughout the northern Minnesota focal region. ABC received funding through the MN OHF via a Phase II grant to continue to complete habitat projects through 2021. Additionally, ABC has utilized and will continue to utilize complimentary funding for habitat projects and operating costs on public and private lands in Minnesota from the National Migratory Birds Conservation Act, the National Fish and Wildlife Foundation, the Natural Resources Conservation Service Regional Conservation Partnership Program, and private donors.

Also, the ABC MN Golden-winged Warbler Public and Private Lands Coordinators have taught young forest Best Management Practices (BMPs) to natural resource managers and private citizens at educational workshops in partnerships with MN Department of Natural Resources, The US Fish and Wildlife Service, MN County Land Departments, The Wildlife Society, and the Minnesota Logger Education Program. Through this educational outreach and future collaborative partnerships, ABC hopes to work jointly with public natural resource agencies, research organizations, and private landowners to ensure that the habitats described herein continue to receive the present and future management attention that they require in order to be maintained as high quality habitat now and in the future.

Outcomes:

The original accomplishment plan stated the program would

Programs in the northern forest region:

- Forestlands are protected from development and fragmentation
- Healthy populations of endangered, threatened, and special concern species as well as more common species
- Increased availability and improved condition of riparian forests and other habitat corridors
- Landlocked public properties have increased access for land managers

How will the outcomes be measured and evaluated?

Forest Lands were protected from development and fragmentation through the purchase of 480 acres adjacent to Four Brooks WMA. Land ownership was transferred to the state of Minnesota and future management will be conducted by the MN DNR. MN special concern species, namely the Golden-winged Warbler and American Woodcock, benefited directly from ABC's breeding/nesting habitat enhancement projects totaling 2381 acres in the Northern Forest Region. Often these enhancement projects were completed in lowland brush cover types that occur in riparian areas adjacent to mature deciduous forest, resulting in the improved condition of these early successional habitat wildlife species.

Programs in forest-prairie transition region:

- Protected, restored, and enhanced aspen parklands and riparian areas
- Protected, restored, and enhanced nesting and migratory habitat for waterfowl, upland birds, and species of greatest conservation need

How will the outcomes be measured and evaluated?

200 acres of early successional/young forest habitat enhancement projects were also completed in the Forest-Prairie Transition Region. These completed projects were targeted to enhance nesting habitat for the SGCN species Golden-winged Warbler and American Woodcock. Less acres were completed compared to the Northern Forest Region due to the high level of forest fragmentation within much of this region. ABC is working with the Cornell University Lab of Ornithology and Indiana University of Pennsylvania-Research Institute to monitor a representative sample of sites completed in both the forest-prairie transition and the northern forest regions to assess post-treatment occupancy by target species.

Budget Spreadsheet

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

Total Amount: \$1,180,000

Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$100,000	\$198,600	\$30,000	\$30,000	Private Source	\$130,000	\$228,600
Contracts	\$382,500	\$441,400	\$0	\$0		\$382,500	\$441,400
Fee Acquisition w/ PILT	\$600,000	\$441,600	\$0	\$0		\$600,000	\$441,600
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	\$0	\$0	\$0	\$0		\$0	\$0
Travel	\$13,500	\$14,500	\$0	\$0		\$13,500	\$14,500
Professional Services	\$62,000	\$56,200	\$0	\$0		\$62,000	\$56,200
Direct Support Services	\$10,000	\$0	\$0	\$0	Private Source	\$10,000	\$0
DNR Land Acquisition Costs	\$5,000	\$5,000	\$0	\$0		\$5,000	\$5,000
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$7,000	\$20,500	\$4,000	\$4,000	Private Source	\$11,000	\$24,500
Supplies/Materials	\$0	\$2,200	\$20,000	\$20,000	Private Source	\$20,000	\$22,200
DNR IDP	\$0	\$0	\$0	\$0		\$0	\$0
Total	\$1,180,000	\$1,180,000	\$54,000	\$54,000		\$1,234,000	\$1,234,000

Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Minnesota Coordinator	1.00	2.00	\$198,600	\$30,000	Private Source	\$228,600
Total	1.00	2.00	\$198,600	\$30,000		\$228,600

Budget and Cash Leverage by Partnership

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	ABC	\$100,000	\$198,600	\$30,000	\$30,000	Private Source	\$130,000	\$228,600
Contracts	ABC	\$382,500	\$441,400	\$0	\$0		\$382,500	\$441,400
Fee Acquisition w/ PILT	ABC	\$600,000	\$441,600	\$0	\$0		\$600,000	\$441,600
Fee Acquisition w/o PILT	ABC	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	ABC	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	ABC	\$0	\$0	\$0	\$0		\$0	\$0
Travel	ABC	\$10,500	\$14,500	\$0	\$0		\$10,500	\$14,500
Professional Services	ABC	\$0	\$56,200	\$0	\$0		\$0	\$56,200
Direct Support Services	ABC	\$10,000	\$0	\$0	\$0	Private Source	\$10,000	\$0
DNR Land Acquisition Costs	ABC	\$5,000	\$5,000	\$0	\$0		\$5,000	\$5,000
Capital Equipment	ABC	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	ABC	\$7,000	\$20,500	\$4,000	\$4,000	Private Source	\$11,000	\$24,500
Supplies/Materials	ABC	\$0	\$2,200	\$20,000	\$20,000	Private Source	\$20,000	\$22,200
DNR IDP	ABC	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$1,115,000	\$1,180,000	\$54,000	\$54,000		\$1,169,000	\$1,234,000

Personnel - ABC

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
Minnesota Coordinator	1.00	2.00	\$198,600	\$30,000	Private Source	\$228,600
Total	1.00	2.00	\$198,600	\$30,000		\$228,600

BudgetName	Partnership	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Original AP Total	Total Spent
Personnel	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Contracts	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/ PILT	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Fee Acquisition w/o PILT	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Easement Acquisition	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Easement Stewardship	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Travel	TCF	\$3,000	\$0	\$0	\$0		\$3,000	\$0
Professional Services	TCF	\$62,000	\$0	\$0	\$0		\$62,000	\$0
Direct Support Services	TCF	\$0	\$0	\$0	\$0		\$0	\$0
DNR Land Acquisition Costs	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Supplies/Materials	TCF	\$0	\$0	\$0	\$0		\$0	\$0
DNR IDP	TCF	\$0	\$0	\$0	\$0		\$0	\$0
Total		\$65,000	\$0	\$0	\$0		\$65,000	\$0

Explain any budget challenges or successes:

As a first time recipient of a grant through the MN Outdoor Heritage Fund, ABC needed to become familiar with the OHF reimbursement process. With the help of MN DNR Grants Specialist Coordinators Patrick Donnell and Jason Tidemann ABC became proficient with the budgetary protocols associated with this grant. Both were extremely helpful when ABC had procedural questions associated with managing our budget. Furthermore, Sandy Smith was equally helpful when ABC had budgetary questions that needed to be directed her way, especially when it was necessary to navigate the online system to make adjustments that required an amendment.

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

Total Revenue: \$0
Revenue Spent: \$0
Revenue Balance: \$0

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	0	0	0	0	1,100	2,581	0	0	1,100	2,581
Protect in Fee with State PILT Liability	0	0	0	0	400	480	0	0	400	480
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0	0	0	0	0
Enhance	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1,500	3,061	0	0	1,500	3,061

Table 2. Total Funding by Resource Type

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	\$0	\$0	\$0	\$0	\$510,000	\$683,400	\$0	\$0	\$510,000	\$683,400
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$670,000	\$496,600	\$0	\$0	\$670,000	\$496,600
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$1,180,000	\$1,180,000	\$0	\$0	\$1,180,000	\$1,180,000

Table 3. Acres within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	ForestPrairie (original)	Forest Prairie (final)	SE Forest (original)	SE Forest (final)	Prairie (original)	Prairie (final)	N Forest (original)	N Forest (final)	Total (original)	Total (final)
Restore	0	0	1,100	200	0	0	0	0	0	2,381	1,100	2,581
Protect in Fee with State PILT Liability	0	0	400	0	0	0	0	0	0	480	400	480
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	0	0	0	0	0	0	0	0
Enhance	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1,500	200	0	0	0	0	0	2,861	1,500	3,061

Table 4. Total Funding within each Ecological Section

Type	Metro Urban (original)	Metro Urban (final)	ForestPrairie (original)	Forest Prairie (final)	SE Forest (original)	SE Forest (final)	Prairie (original)	Prairie (final)	N Forest (original)	N Forest (final)	Total (original)	Total (final)
Restore	\$0	\$0	\$510,000	\$13,800	\$0	\$0	\$0	\$0	\$0	\$669,600	\$510,000	\$683,400
Protect in Fee with State PILT Liability	\$0	\$0	\$670,000	\$0	\$0	\$0	\$0	\$0	\$0	\$496,600	\$670,000	\$496,600
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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,180,000	\$13,800	\$0	\$0	\$0	\$0	\$0	\$1,166,200	\$1,180,000	\$1,180,000

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

0

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

0

Explain the success/shortage of acre goals:

ABC with the assistance of The Conservation Fund (TCF) was able to acquire 480 acres for permanent protection adjacent to the Four Brooks WMA. Due to the exceptional work of TCF to negotiate a purchase price lower than initial projections (and 80 acres more than the initial target total), ABC amended our OHF Accomplishment Plan to move unused acquisition funds to the habitat enhancement budget. We also revised the project area targeted for enhancement using this grant from 1500 to 2300 acres. ABC was able to exceed this number and complete 2581 acres over the past 4 years.

Parcel List

Section 1 - Restore / Enhance Parcel List

Aitkin

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Aitkin County Forestry #1	04524204	13	\$2,925	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Aitkin County Forestry #2	04722222	28	\$6,300	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Aitkin County Forestry #3	04825213	6	\$1,350	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Rice Lake NWR	04724230	45	\$8,550	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$190/acre
Ripple River WMA	04526206	51	\$11,475	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$225/acre

Becker

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Tamarac #11R	14139227	142	\$42,316	Yes	Project sites were located in brushland/forest interfaces. Operations cost \$298/acre due to the large diameter of brush species to be removed.
Tamarac #12R	14139233	18	\$3,600	Yes	Project sites were located in brushland/forest interfaces dominated by willow, alder, hazel and aspen with a diameter of 1-3. Operations were completed for \$200/acre
Tamarac #12R	14139233	23	\$7,314	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$318/acre due to the large diameter of cut material
Tamarac #12R	14139233	35	\$7,350	Yes	Young Forest Restoration
Tamarac #13R	14139234	7	\$1,470	Yes	Young Forest Restoration
Tamarac #14R	14039204	41	\$8,610	Yes	Young forest Restoration
Tamarac #5R	14139202	52	\$15,496	Yes	Projects sites were located in brushland/forest interfaces. Operations cost \$298/acre due to the large diameter of brush species to be removed.
Tamarac #6R	14139211	8	\$2,384	Yes	Project sites were located in brushland/forest interfaces. Operations cost \$298/acre due to large diameter of brush species to be removed.
Tamarac #6R	14139211	107	\$34,026	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$318/acre due to the large diameter of cut material
Tamarac #8R	14139223	70	\$17,822	Yes	Project sites were located in brushland/forest interfaces. Operations were split between 3-5 brush > 39 acres at \$298/acre and 1-3 brush > 31 acres at \$200/acre.
Tamarac #9R	14139224	71	\$17,630	Yes	Project sites were located in brushland/forest interfaces. Operations were split between 3-5 brush > 35 acres at \$298/acre and 1-3 brush > 36 acres at \$200/acre.

Beltrami

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Beltrami County Forestry #1	14635214	10	\$2,250	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$225/acre
Beltrami County Forestry #2	14635234	21	\$4,725	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$225/acre
Beltrami County Forestry #4	15132201	27	\$5,805	Yes	Project sites were located at brushland forest interfaces. Operations cost \$215/acre
Beltrami County Forestry #5	15030215	31	\$6,665	Yes	Project sites were located at brushland forest interfaces. Operations cost \$215/acre
Beltrami Island State Forest #1R	15836208	89	\$4,055	Yes	Project sites were located in brushland/forest interfaces. Operations cost \$45.56/acre. Operations were completed by Red Lake WMA DNR Area Wildlife Office via grant amendment.
Bemidji DNR Wildlife #1	15231228	21	\$4,725	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Bemidji DNR Wildlife #2	15231235	16	\$3,600	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Chippewa NF #1	14830203	28	\$9,800	Yes	Project sites were located at brushland forest interfaces. Operations cost \$350/acre
Red Lake Reservation #11	15335208	19	\$3,781	Yes	Young Forest Restoration
Red Lake Reservation #7	15436220	35	\$4,900	Yes	Young Forest Restoration
Red Lake Reservation #8	15436221	45	\$6,300	Yes	Young Forest Restoration
Red Lake Reservation #9	15436234	52	\$7,280	Yes	Young Forest Restoration
Red Lake WMA #1R	15736203	150	\$6,834	Yes	Project sites were located in brushland/forest interfaces. Operations were completed by DNR area wildlife office using funds allocated through budget amendment
Red Lake WMA #2R	15736204	43	\$1,959	Yes	Project sites were located in brushland/forest interfaces. Operations were completed by DNR area wildlife office using funds allocated through budget amendment
Wapati WMA	15838229	200	\$11,980	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$59.9/acre.

Carlton

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Carlton County Forestry #1	04716232	25	\$3,750	Yes	Young Forest Restoration
Carlton County Forestry #2	04716233	104	\$15,600	Yes	Young Forest Restoration
Cloquet DNR Wildlife #3	04717225	18	\$2,700	Yes	Young Forest Restoration
Cloquet DNR Wildlife #4	04717226	11	\$1,650	Yes	Young forest Restoration
Cloquet DNR Wildlife #5	04716229	8	\$1,200	Yes	Young Forest Restoration

Cass

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cass County Forestry #1	13832229	21	\$4,725	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Cass County Forestry #2	13530218	7	\$1,575	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Cass County Forestry #3	13530219	16	\$3,600	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Meadowbrook WMA	13531222	60	\$13,500	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$225/acre

Clearwater

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Mosquito Creek WMA	14637219	31	\$7,440	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$240/acre
Red Lake Reservation #2	15136207	100	\$20,000	Yes	Project sites were located at brushland forest interfaces. Operations cost \$200/acre
Red Lake Reservation #4	15136218	124	\$24,800	Yes	Project sites were located at brushland forest interfaces. Operations cost \$200/acre

Hubbard

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Hubbard County Forestry #1	14235235	11	\$2,200	Yes	Project sites were located at brushland forest interfaces. Operations cost \$200/acre

Itasca

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Bowstring Deer Yard #1	14626215	36	\$8,100	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$225/acre
Bowstring Deer Yard #3	14626210	31	\$6,975	Yes	Project sites were located at brushland forest interfaces. Operations cost \$225/acre
Grand Rapids DNR Wildlife #1	14729218	20	\$2,700	Yes	Project sites were located at brushland forest interfaces. Operations cost \$135/acre
Grand Rapids DNR Wildlife #2	14525230	18	\$2,430	Yes	Project sites were located at brushland forest interfaces. Operations cost \$135/acre
Itasca County Forestry #1	06222215	31	\$7,440	Yes	Project sites were located at brushland forest interfaces. Operations cost \$240/acre
Itasca County Forestry #2	06222222	42	\$10,080	Yes	Project sites were located at brushland forest interfaces. Operations cost \$240/acre

Lake of the Woods

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Beltrami Island State Forest #1R	15836208	50	\$2,278	Yes	Project sites were located in brushland/forest interfaces. Operations cost \$45.56/acre. Operations were completed by Red Lake WMA DNR Area Wildlife Office via grant amendment.
Beltrami Island State Forest #2R	15936216	107	\$4,875	Yes	Project sites were located in brushland/forest interfaces. Operations cost average 45.56/acre. Operations were completed by Red Lake WMA DNR Area Wildlife Office via grant amendment.

Mille Lacs

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Four Brooks #4R	04027221	29	\$5,655	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$195/acre
Four Brooks #5R	04027222	13	\$2,535	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$195/acre
Four Brooks #6R	04027223	21	\$4,095	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$195/acre
Mille Lacs WMA	04125225	70	\$13,300	Yes	Project Sites were located at brushland forest interfaces. Operations cost \$190/acre

Pine

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cloquet DNR Wildlife #2	04320226	11	\$1,650	Yes	Young Forest Restoration

Roseau

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Roseau River WMA #3	16440232	14	\$3,640	Yes	Project sites were located at brushland forest interfaces. Operations cost \$260/acre

Wadena

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Yaeger Lake WMA #1	13734203	36	\$7,200	Yes	Project sites were located at brushland forest interfaces. Operations cost \$200/acre
Yaeger Lake WMA #2	13734210	12	\$2,400	Yes	Project sites were located at brushland forest interfaces. Operations cost \$200/acre

Section 2 - Protect Parcel List

Mille Lacs

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Four Brooks	04027227	200	\$185,472	No	Full	Not Applicable	Acquisition
Four Brooks	04027228	280	\$251,600	No	Full	Not Applicable	Acquisition

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: Aitkin County Forestry #1

# of Total Acres:	13
County:	Aitkin
Township:	045
Range:	24
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,925

Completed Parcel: Aitkin County Forestry #2

# of Total Acres:	28
County:	Aitkin
Township:	047
Range:	22
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$6,300

Completed Parcel: Aitkin County Forestry #3

# of Total Acres:	6
County:	Aitkin
Township:	048
Range:	25
Direction:	2
Section:	13
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,350

Completed Parcel: Beltrami County Forestry #1

# of Total Acres:	10
County:	Beltrami
Township:	146
Range:	35
Direction:	2
Section:	14
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,250

Completed Parcel: Beltrami County Forestry #2

# of Total Acres:	21
County:	Beltrami
Township:	146
Range:	35
Direction:	2
Section:	34
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,725

Completed Parcel: Beltrami County Forestry #4

# of Total Acres:	27
County:	Beltrami
Township:	151
Range:	32
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$5,805

Completed Parcel: Beltrami County Forestry #5

# of Total Acres:	31
County:	Beltrami
Township:	150
Range:	30
Direction:	2
Section:	15
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$6,665

Completed Parcel: Beltrami Island State Forest #1R

# of Total Acres:	89
County:	Beltrami
Township:	158
Range:	36
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,055

Completed Parcel: Beltrami Island State Forest #1R

# of Total Acres:	50
County:	Lake of the Woods
Township:	158
Range:	36
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,278

Completed Parcel: Beltrami Island State Forest #2R

# of Total Acres:	107
County:	Lake of the Woods
Township:	159
Range:	36
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,875

Completed Parcel: Bemidji DNR Wildlife #1

# of Total Acres:	21
County:	Beltrami
Township:	152
Range:	31
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,725

Completed Parcel: Bemidji DNR Wildlife #2

# of Total Acres:	16
County:	Beltrami
Township:	152
Range:	31
Direction:	2
Section:	35
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$3,600

Completed Parcel: Bowstring Deer Yard #1

# of Total Acres:	36
County:	Itasca
Township:	146
Range:	26
Direction:	2
Section:	15
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$8,100

Completed Parcel: Bowstring Deer Yard #3

# of Total Acres:	31
County:	Itasca
Township:	146
Range:	26
Direction:	2
Section:	10
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$6,975

Completed Parcel: Carlton County Forestry #1

# of Total Acres:	25
County:	Carlton
Township:	047
Range:	16
Direction:	2
Section:	32
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$3,750

Completed Parcel: Carlton County Forestry #2

# of Total Acres:	104
County:	Carlton
Township:	047
Range:	16
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$15,600

Completed Parcel: Cass County Forestry #1

# of Total Acres:	21
County:	Cass
Township:	138
Range:	32
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,725

Completed Parcel: Cass County Forestry #2

# of Total Acres:	7
County:	Cass
Township:	135
Range:	30
Direction:	2
Section:	18
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,575

Completed Parcel: Cass County Forestry #3

# of Total Acres:	16
County:	Cass
Township:	135
Range:	30
Direction:	2
Section:	19
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$3,600

Completed Parcel: Chippewa NF #1

# of Total Acres:	28
County:	Beltrami
Township:	148
Range:	30
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$9,800

Completed Parcel: Cloquet DNR Wildlife #2

# of Total Acres:	11
County:	Pine
Township:	043
Range:	20
Direction:	2
Section:	26
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,650

Completed Parcel: Cloquet DNR Wildlife #3

# of Total Acres:	18
County:	Carlton
Township:	047
Range:	17
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,700

Completed Parcel: Cloquet DNR Wildlife #4

# of Total Acres:	11
County:	Carlton
Township:	047
Range:	17
Direction:	2
Section:	26
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,650

Completed Parcel: Cloquet DNR Wildlife #5

# of Total Acres:	8
County:	Carlton
Township:	047
Range:	16
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,200

Completed Parcel: Four Brooks

# of Total Acres:	200
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	27
# of Acres: Wetlands/Upland:	99
# of Acres: Forest:	101
# of Acres: Prairie/Grassland:	0
Amount of Shoreline:	0 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	0
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	State of Minnesota
Annual Reporting Manager Name:	Pat Rivers (Susan Maki)
Annual Reporting Address:	500 Lafayette Road
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55155
Annual Reporting Email:	
Annual Reporting Phone:	
Purchase Date:	September 11, 2013
Acquisition Title:	
Purchase Price:	\$185,472
Appraised Value:	\$190,000
Professional Service Costs:	\$1,410
Assessed Value:	\$200,000
Total Project Cost:	\$188,115
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	DNR - Wildlife Management Area -
Name of the unit area or location government unit or land manager:	MN Division of Land and Minerals, MN DNR

Completed Parcel: Four Brooks

# of Total Acres:	280
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	90
# of Acres: Forest:	190
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	State of Minnesota
Annual Reporting Manager Name:	Pat Rivers (Susan Maki)
Annual Reporting Address:	500 Lafayette Road
Annual Reporting City:	St. Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55155
Annual Reporting Email:	
Annual Reporting Phone:	
Purchase Date:	September 11, 2013
Acquisition Title:	
Purchase Price:	\$251,600
Appraised Value:	\$252,000
Professional Service Costs:	\$1,947
Assessed Value:	\$280,000
Total Project Cost:	\$253,547
Fees Received:	\$0
Donations:	\$0
Related Parties:	
Property Managed By:	DNR - Wildlife Management Area -
Name of the unit area or location government unit or land manager:	MN Division of Land and Minerals, MN DNR

Completed Parcel: Four Brooks #4R

# of Total Acres:	29
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$5,655

Completed Parcel: Four Brooks #5R

# of Total Acres:	13
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,535

Completed Parcel: Four Brooks #6R

# of Total Acres:	21
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	23
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,095

Completed Parcel: Grand Rapids DNR Wildlife #1

# of Total Acres:	20
County:	Itasca
Township:	147
Range:	29
Direction:	2
Section:	18
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,700

Completed Parcel: Grand Rapids DNR Wildlife #2

# of Total Acres:	18
County:	Itasca
Township:	145
Range:	25
Direction:	2
Section:	30
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,430

Completed Parcel: Hubbard County Forestry #1

# of Total Acres:	11
County:	Hubbard
Township:	142
Range:	35
Direction:	2
Section:	35
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,200

Completed Parcel: Itasca County Forestry #1

# of Total Acres:	31
County:	Itasca
Township:	062
Range:	22
Direction:	2
Section:	15
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$7,440

Completed Parcel: Itasca County Forestry #2

# of Total Acres:	42
County:	Itasca
Township:	062
Range:	22
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$10,080

Completed Parcel: Meadowbrook WMA

# of Total Acres:	60
County:	Cass
Township:	135
Range:	31
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$13,500

Completed Parcel: Mille Lacs WMA

# of Total Acres:	70
County:	Mille Lacs
Township:	041
Range:	25
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$13,300

Completed Parcel: Mosquito Creek WMA

# of Total Acres:	31
County:	Clearwater
Township:	146
Range:	37
Direction:	2
Section:	19
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$7,440

Completed Parcel: Red Lake Reservation #11

# of Total Acres:	19
County:	Beltrami
Township:	153
Range:	35
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$3,781

Completed Parcel: Red Lake Reservation #2

# of Total Acres:	100
County:	Clearwater
Township:	151
Range:	36
Direction:	2
Section:	07
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$20,000

Completed Parcel: Red Lake Reservation #4

# of Total Acres:	124
County:	Clearwater
Township:	151
Range:	36
Direction:	2
Section:	18
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$24,800

Completed Parcel: Red Lake Reservation #7

# of Total Acres:	35
County:	Beltrami
Township:	154
Range:	36
Direction:	2
Section:	20
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$4,900

Completed Parcel: Red Lake Reservation #8

# of Total Acres:	45
County:	Beltrami
Township:	154
Range:	36
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$6,300

Completed Parcel: Red Lake Reservation #9

# of Total Acres:	52
County:	Beltrami
Township:	154
Range:	36
Direction:	2
Section:	34
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$7,280

Completed Parcel: Red Lake WMA #1R

# of Total Acres:	150
County:	Beltrami
Township:	157
Range:	36
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$6,834

Completed Parcel: Red Lake WMA #2R

# of Total Acres:	43
County:	Beltrami
Township:	157
Range:	36
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,959

Completed Parcel: Rice Lake NWR

# of Total Acres:	45
County:	Aitkin
Township:	047
Range:	24
Direction:	2
Section:	30
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$8,550

Completed Parcel: Ripple River WMA

# of Total Acres:	51
County:	Aitkin
Township:	045
Range:	26
Direction:	2
Section:	06
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$11,475

Completed Parcel: Roseau River WMA #3

# of Total Acres:	14
County:	Roseau
Township:	164
Range:	40
Direction:	2
Section:	32
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$3,640

Completed Parcel: Tamarac #11R

# of Total Acres:	142
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	27
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$42,316

Completed Parcel: Tamarac #12R

# of Total Acres:	18
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$3,600

Completed Parcel: Tamarac #12R

# of Total Acres:	23
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$7,314

Completed Parcel: Tamarac #12R

# of Total Acres:	35
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$7,350

Completed Parcel: Tamarac #13R

# of Total Acres:	7
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	34
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$1,470

Completed Parcel: Tamarac #14R

# of Total Acres:	41
County:	Becker
Township:	140
Range:	39
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$8,610

Completed Parcel: Tamarac #5R

# of Total Acres:	52
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	02
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$15,496

Completed Parcel: Tamarac #6R

# of Total Acres:	107
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	11
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$34,026

Completed Parcel: Tamarac #6R

# of Total Acres:	8
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	11
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,384

Completed Parcel: Tamarac #8R

# of Total Acres:	70
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	23
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$17,822

Completed Parcel: Tamarac #9R

# of Total Acres:	71
County:	Becker
Township:	141
Range:	39
Direction:	2
Section:	24
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$17,630

Completed Parcel: Wapati WMA

# of Total Acres:	200
County:	Beltrami
Township:	158
Range:	38
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$11,980

Completed Parcel: Yaeger Lake WMA #1

# of Total Acres:	36
County:	Wadena
Township:	137
Range:	34
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$7,200

Completed Parcel: Yaeger Lake WMA #2

# of Total Acres:	12
County:	Wadena
Township:	137
Range:	34
Direction:	2
Section:	10
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	
# 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:	\$2,400

Parcel Map

