

# Lessard-Sams Outdoor Heritage Council

## Laws of Minnesota 2010 Final Report



**Date:** March 09, 2016

**Program or Project Title:** Accelerated Forest Wildlife Habitat Program, Phase 1

**Funds Recommended:** \$1,791,000

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**Legislative Citation:** ML 2010, Ch. 361, Art. 1, Sec. 2, Subd. 3(d)

**Appropriation Language:** \$1,791,000 in fiscal year 2011 is to the commissioner of natural resources for acceleration of agency programs to acquire, in fee, land for state forests and restore and enhance state forest habitat. A list of projects including proposed fee title acquisitions and restorations and enhancements must be provided as part of the required accomplishment plan. All restorations must comply with subdivision 9, paragraph (b).

**County Locations:** Aitkin, Beltrami, Benton, Cass, Chisago, Cook, Cook, St Louis, Crow Wing, Dakota, Fillmore, Goodhue, Hennepin, Hubbard, Itasca, Itasca, Cass, Aitkin, Carlton, St Louis, Cook, Koochiching, Lake, Lake of the Woods, Marshall, Mille Lacs, Olmsted, Pine, Rice, Roseau, St Louis, St. Louis, Wadena, Winona, and Winona.

### Regions in which work will take place:

- Northern Forest
- Forest / Prairie Transition
- Southeast Forest
- Prairie
- Metro / Urban

### Activity types:

- Enhance
- Protect in Fee

### Priority resources addressed by activity:

- Forest

### Abstract:

This program will increase populations of a variety of game and non-game wildlife species by protecting and enhancing forest habitats on which wildlife depends. This program of on-the-ground forest conservation projects will amplify the wildlife value of forest communities on DNR administered forestlands. Our forest enhancement will treat 4,472 ac. These activities are not conducted as part of the DNR's commercial timber operations. Additionally, our program will acquire 404 acres of forestland that contributes to habitat complexes and other high priorities. Acquisitions focus on forestland for public hunting, and compatible outdoor uses. At a reduced level of funding, we are focusing on management activities that will maximize wildlife habitat outcomes, especially prescribed burning, hand release, and shearing/mowing. Our program will enhance oak and create a mix of young hardwood forest with more open meadow/brush lands to benefit grouse, elk, and deer. Forest opening creation/enhancement will increase nut and berry production, provide roosting/display areas, and create feeding areas for moose, deer, ruffed grouse, woodcock, and bear. Shearing of trees and brush in large open landscape priority areas will benefit sharp-tailed grouse. Shearing and mowing of hardwoods and brush in smaller patches will benefit woodcock and deer. Our program will benefit a number of nongame species, including yellow rails, sandhill cranes,

northern harriers, bobolinks, and upland sandpipers. Activities that create/enhance forest openings will provide habitat for nongame species, including least chipmunks, northern flickers, cooper's hawks, and song sparrows. The less intensive timber management in our program will help protect rare native plant communities and a number of nongame species through retention and enhancement of plant species diversity and structure.

## Design and scope of work:

Forests face a formidable array of challenges: fragmentation, invasive species, climate change, disease, and changes in forest-based economics and recreation. While Minnesota's 16.2 million ac of forest are diverse, the acreage and composition of forests have changed significantly. The forest acreage is about half of what it was (31.5 million ac) in the mid 1800s.

Just over half of the forestland in Minnesota is publicly owned; the State of Minnesota administers about 24%. Minnesota's forests help maintain the state's environmental and economic health. They are habitat for fish and wildlife, and a source of biodiversity, clean water, watershed protection, carbon sequestration, recreational opportunities, and many other benefits.

Habitat loss and degradation are identified as the primary challenge facing wildlife. Almost one-third of the state's 292 Species in Greatest Conservation Need (SGCN) inhabit forests. The management objectives in this program parallel the forest management options outlined in Minnesota's State Wildlife Action Plan, Tomorrow's Habitat for the Wild and Rare (Tomorrow's Habitat Plan). Implementation of these objectives in key habitats identified in the Plan will maintain and enhance native forest communities supporting game and non-game wildlife populations. Tomorrow's Habitat Plan also calls for the purchase and protection of key habitats as another tool to address the conservation needs of these species.

Protecting forests threatened by fragmentation or development provide important opportunities for collaborative conservation of larger scale areas of habitat. Restoration of newly acquired state forestlands is essential to assure that sites in state ownership are improved to increase or retain their value as wildlife habitat.

The availability of public hunting lands does not meet the expectations of a growing Minnesota population. Due to the current recession, land prices have stabilized or declined and a short-term opportunity exists to purchase more value for our expenditures.

Broad goals for this program are provided through the Subsection Forest Resources Management Planning process which does include a public participation process. No opposition was anticipated. County board approval was required for all acquisitions.

Program managers were permitted to add, delete, and substitute projects on the parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwarded the constitutional objectives of this program in the Project Scope table of the accomplishment plan. This final report includes the final project parcel list.

## Which LSOHC state-wide priorities are addressed in this proposal:

- Address wildlife species of greatest conservation need, Minnesota County Biological Survey data, and rare, threatened and endangered species inventories in land and water decisions, as well as permanent solutions to aquatic invasive species
- Allow public access. This comes into play when all other things about the request are approximately equal
- Are ongoing, successful, transparent and accountable programs addressing actions and targets of one or more of the ecological sections
- Ensures activities for "protecting, restoring and enhancing" are coordinated among agencies, non profits and others while doing this important work
- Produce multiple enduring conservation benefits
- Provide Minnesotans with greater public access to outdoor environments with hunting, fishing and other outdoor recreation opportunities
- Restore or enhance habitat on state-owned WMAs, AMAs, SNAs, and state forests
- Target unique Minnesota landscapes that have historical value to fish and wildlife
- Use a science-based strategic planning and evaluation model to guide protection, restoration and enhancement, similar to the United States Fish and Wildlife Service's Strategic Habitat Conservation model

## Which LSOHC section priorities are addressed in this proposal:

### Prairie:

- Not Listed

### Forest / Prairie Transition:

- Not Listed

### **Northern Forest:**

- Restore and enhance habitat on existing protected properties, with preference to habitat for rare, endangered, or threatened species identified by the Minnesota County Biological Survey

### **Metro / Urban:**

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity
- Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)

### **Southeast Forest:**

- Protect, enhance, and restore remnant goat prairies
- Restore forest-based wildlife habitat that has experienced substantial decline in area in recent decades

### **Relationship to other funds:**

- Not Listed

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

All sites funded through this proposal are or will be state lands, and are part of the state outdoor recreation system. Ongoing maintenance will be accomplished through routine management activities accomplished by our network of DNR offices. Periodic enhancements will be accomplished by existing staff, MCC crews, temporary project staffing or through vendor contract using traditional habitat project funding, bonding, and future requests for funding from dedicated funding sources.

### **Outcomes:**

#### **Programs in the northern forest region:**

- Not Listed

#### **How will they be measured and evaluated?**

Protecting forests threatened by fragmentation through acquisition, enhancing forest habitats through prescriptive treatments, and restoration of newly acquired state forestlands are measured through satisfactory execution of landscape level plans provided through the Subsection Forest Resources Management Planning process. Contracted work was evaluated by Area Staff through on-sight visual evaluation and measured with a combination of GIS and aerial photography prior to approving payment of invoice.

#### **Programs in forest-prairie transition region:**

- Not Listed

#### **How will they be measured and evaluated?**

Protecting forests threatened by fragmentation through acquisition, enhancing forest habitats through prescriptive treatments, and restoration of newly acquired state forestlands are measured through satisfactory execution of landscape level plans provided through the Subsection Forest Resources Management Planning process. Contracted work was evaluated by Area Staff through on-sight visual evaluation and measured with a combination of GIS and aerial photography prior to approving payment of invoice.

#### **Programs in metropolitan urbanizing region:**

- Not Listed

#### **How will they be measured and evaluated?**

Broad goals for this program are provided through the Subsection Forest Resources Management Planning process. In the metro urbanizing region, program managers add, delete, and substitute projects based upon need, readiness, cost, opportunity, and/or urgency so long as the constitutional objectives of this program were met. Contracted work was evaluated by Area Staff through on-sight visual evaluation and measured with a combination of GIS and aerial photography prior to approving payment of invoice.

**Programs in southeast forest region:**

- Not Listed

**How will they be measured and evaluated?**

Protecting forests threatened by fragmentation through acquisition, enhancing forest habitats through prescriptive treatments, and restoration of newly acquired state forestlands are measured through satisfactory execution of landscape level plans provided through the Subsection Forest Resources Management Planning process. Contracted work was evaluated by Area Staff through on-sight visual evaluation and measured with a combination of GIS and aerial photography prior to approving payment of invoice.

**Programs in prairie region:**

- Not Listed

**How will they be measured and evaluated?**

Not Listed

# 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: \$1,791,000

## Budget and Cash Leverage

BudgetName	Request	Spent	Cash Leverage (anticipated)	Cash Leverage (received)	Leverage Source	Total (original)	Total (final)
Personnel	\$161,800	\$86,500	\$0	\$0		\$161,800	\$86,500
Contracts	\$592,500	\$511,900	\$0	\$0		\$592,500	\$511,900
Fee Acquisition w/ PILT	\$926,500	\$878,500	\$0	\$0		\$926,500	\$878,500
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	\$20,100	\$20,200	\$0	\$0		\$20,100	\$20,200
Professional Services	\$72,400	\$80,000	\$0	\$0		\$72,400	\$80,000
Direct Support Services	\$0	\$21,700	\$0	\$0		\$0	\$21,700
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0		\$0	\$0
Capital Equipment	\$0	\$0	\$0	\$0		\$0	\$0
Other Equipment/Tools	\$12,200	\$32,300	\$0	\$0		\$12,200	\$32,300
Supplies/Materials	\$5,500	\$153,800	\$0	\$0		\$5,500	\$153,800
DNR IDP	\$0	\$0	\$0	\$0		\$0	\$0
Total	\$1,791,000	\$1,784,900	\$0	\$0		\$1,791,000	\$1,784,900

## Personnel

Position	FTE	Over # of years	Spent	Cash Leverage	Leverage Source	Total
SNA Contract and project management	0.05	0.00	\$8,000	\$0		\$8,000
SNA Specialists & technician	0.45	0.00	\$46,400	\$0		\$46,400
SNA Laborers & Seasonal Crews	1.40	0.00	\$15,000	\$0		\$15,000
FOR Burn Crew (6 people part time)	1.50	0.00	\$11,100	\$0		\$11,100
FAW Contract and project management	0.20	0.00	\$0	\$0		\$0
SNA Acquisition Specialists	0.05	0.00	\$6,000	\$0		\$6,000
Total	3.65	0.00	\$86,500	\$0		\$86,500

## Output Tables

**Table 1a. Acres by Resource Type**

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	404	397	0	0	404	397
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	4,012	7,586	0	0	4,012	7,586
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,416</b>	<b>7,983</b>	<b>0</b>	<b>0</b>	<b>4,416</b>	<b>7,983</b>

**Table 2. Total Requested Funding by Resource Type**

Type	Wetlands (original)	Wetlands (final)	Prairies (original)	Prairies (final)	Forest (original)	Forest (final)	Habitats (original)	Habitats (final)	Total (original)	Total (final)
Restore	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$988,000	\$958,500	\$0	\$0	\$988,000	\$958,500
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	\$803,000	\$826,400	\$0	\$0	\$803,000	\$826,400
<b>Total</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,791,000</b>	<b>\$1,784,900</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,791,000</b>	<b>\$1,784,900</b>

**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	0	0	0	0	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	404	0	0	0	0	0	0	397	404	397
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	35	66	3,557	1,088	420	726	0	0	0	5,706	4,012	7,586
<b>Total</b>	<b>35</b>	<b>66</b>	<b>3,961</b>	<b>1,088</b>	<b>420</b>	<b>726</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,103</b>	<b>4,416</b>	<b>7,983</b>

**Table 4. Total Requested 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	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$988,000	\$0	\$0	\$0	\$0	\$0	\$0	\$958,500	\$988,000	\$958,500
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	\$7,200	\$29,600	\$705,400	\$76,600	\$90,400	\$187,000	\$0	\$0	\$0	\$533,200	\$803,000	\$826,400
<b>Total</b>	<b>\$7,200</b>	<b>\$29,600</b>	<b>\$1,693,400</b>	<b>\$76,600</b>	<b>\$90,400</b>	<b>\$187,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,491,700</b>	<b>\$1,791,000</b>	<b>\$1,784,900</b>

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

0

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

0

## Parcel List

### Section 1 - Restore / Enhance Parcel List

#### Aitkin

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Aitkin Area	04726230	7	\$600	Yes	Contracted for hand release of red oak, yellow birch, butternut and paper birch on the site while retaining the diversity in the remainder of the stand as per Mille Lacs Uplands SFRMP goals.
Aitkin Area	04727225	19	\$1,600	Yes	Contracted for hand release of red oak and paper birch crop trees on the site while retaining the diversity in the remainder of the stand as per Mille Lacs Uplands SFRMP goals.
Moose Willow WMA	05125209	9	\$700	Yes	Contracted interplanting of white pine and red pine to reduce hazel competition for future jack pine growth.
Solona State Forest	04522230	22	\$1,800	Yes	Contracted for hand release of red oak, tamarack and paper birch on the site while retaining the diversity in the remainder of the stand as per Mille Lacs Uplands SFRMP goals.

#### Beltrami

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Beltrami Island State Forest #1	15837214	350	\$18,800	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, and other brushland species.
Beltrami Island State Forest #2	15737221	202	\$13,200	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, and other brushland species.

#### Cass

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Deer River Area Forestry #3	14325236	14	\$1,100	Yes	Contracted hand release of paper birch and red oak to increase that component in mixed hardwood/conifer regeneration.

#### Chisago

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Franconia Bluffs SNA	03319203	12	\$5,400	Yes	Treatment of this site consisted of all hand work since the sensitivity and terrain prevented use of mechanized equipment. Site was initially treated with cutting and burning of invasive as well as undesirable woody vegetation followed by several phases of cutting and spot spraying of persistent exotic woody and herbaceous species.

#### Cook

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Two Harbors Area Moose/State Forest	06303114	89	\$7,300	Yes	Contracted for shearing and planting to increase white pine white spruce to provide thermal cover for wildlife.

#### Cook, St Louis

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Sax-Zim Forest Enhancement	05518228	158	\$12,900	Yes	Contracted for mowing of decadent brush within Sax-Zim Brushland complex. The brush had become very rank and mowing was used to set the brush back to earlier succession until the next Rx burning cycle can be implemented.



## Dakota

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Pine Bend Bluffs SNA	02722234	11	\$4,800	Yes	Treatments included a combination of Rx burning, hand cutting, spot spraying, and supplemental seeding with no use of mechanized equipment on this steep and sensitive site consisting of native hardwood forest with remnant pine and bluff prairie. Treatment was meant to manage increased invasion of exotics due to oak wilt and exotic earthworms.

## Fillmore

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cherry Grove Blind Valley SNA	10112203	40	\$17,500	Yes	Treatments included herbaceous invasive species treatment on part of the site, woody invasives control on part of the site, and prescribed burning on most of the site.

## Goodhue

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cannon R Turtle Preserve SNA	11316225	20	\$8,600	Yes	Treatment of this site consisted of all hand work since the sensitivity and slope prevented use of mechanized equipment. The site was treated with prescribed burning, buckthorn removal and aspen girdling.

## Hennepin

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Wood-Rill SNA	11823236	55	\$24,100	Yes	Treatment of this site consisted of all hand work since the sensitivity and terrain prevented use of mechanized equipment. The site was treated with hand cutting/pulling and spot treatment of buckthorn and garlic mustard.

## Hubbard

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Badoura State Forest Hubbard County tax forfeiture land: DNR Wildlife Park Rapids	13932233	522	\$17,100	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, and other brushland species.
Bemidji, Park Rapids, and Brainerd forestry areas	13833214	245	\$25,000	Yes	A combination of mowing, firebreak development and burning was done to prepare for jack pine planting and to release jack pine from competition to enhance this rare but valuable habitat type for wildlife.

## Itasca

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Deer River Area Forestry #1	05523236	34	\$2,700	Yes	Contracted hand release of paper birch and yellow birch in mixed hardwood/conifer regeneration stand.
Deer River Area Forestry #2	14627228	14	\$1,100	Yes	Contracted hand release of paper birch and red oak in mixed hardwood/conifer regeneration stand.
Deer River Area Forestry #4	06124216	15	\$1,200	Yes	Contracted hand release of white pine, balsam fir, and white spruce to increase that component in mixed hardwood/conifer regeneration.
Deer River Area Forestry (Adaptive Forest Management Area)	14726220	41	\$3,400	Yes	Used prescribed fire to encourage regeneration of white pine in the forest understory. Accomplishments limited to smaller acreage than planned due to weather and fire behavior.

## Itasca, Cass, Aitkin, Carlton, St Louis, Cook

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Region 2 Forestry	06223216	235	\$19,200	Yes	Contracted timber stand improvement by mechanical release, pruning, and/or girdling to promote conifer and hardwood species beneficial to wildlife.

Koochiching

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Littlefork Forestry Area #1	06724206	150	\$12,300	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, and other brushland species.
Littlefork Forestry Area #2	06824213	235	\$19,200	Yes	Contracted hand release of targeted species to maintain stand diversity in conifer regeneration stand.

Lake

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Manitou Collaborative	05907236	62	\$5,100	Yes	Planted conifers to increase conifer component of birch/aspen stands.
Two Harbors Area StTrFnd & CoTxFor	05807206	24	\$1,900	Yes	A combination of shearing and hand release of planted white pine and white spruce in a string of pearls type project to promote those species.
Two Harbors Forestry Area	05711213	50	\$4,100	Yes	Performed prescribed burns through funding agreement with USFS to encourage conifer regeneration and mast production for wildlife.

Lake of the Woods

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Baudette Wildlife Work Area	15931201	745	\$40,000	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, and other brushland species.

Marshall

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Thief Lake Wildlife Work Area	15738208	526	\$40,000	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, elk and other brushland species.

Mille Lacs

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Four Brooks WMA #1	04027222	37	\$4,800	Yes	Contracted for planting a combination of 14,500 white spruce, balsam fir and wildlife shrubs to increase species diversity in aspen dominated stands.
Four Brooks WMA #2	04027221	200	\$26,000	Yes	Hydroaxing to create age diversification became economically not feasible. A limited amount of the project was completed through bioharvest to create early successional habitat.
Mille Lacs WMA	04125229	497	\$64,500	Yes	A combination of post harvest treatments were completed including planting of about 120,000 red oak, burr oak and white pine seedlings, direct seeding, prescribed burn activities, and TSI seedling protection and release work to promote regeneration to diverse species structured native communities.

Olmsted

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Rock Dell WMA	10515204	3	\$3,400	Yes	Contracted for mechanical removal of woody subcanopy comprised of buckthorn and honeysuckle to reduce competition with and promote regeneration of mast producing cherry and oak overstory.

## Pine

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Sandstone Area Forestry	04416221	35	\$2,900	Yes	Contracted for hand release to enhance the growth of Northern red oak saplings important for future mast production for wildlife.
Sandstone Forestry - Nemadji State Forest	04316208	87	\$7,100	Yes	Contracted hand release of targeted oaks to increase component in Mesic Central Hardwood stand.

## Rice

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Prairie Creek Woods SNA	11019204	64	\$28,100	Yes	Treatment of this site consisted of all hand work since the sensitivity and terrain prevented use of mechanized equipment. Work done included buckthorn removed, multiple phases of herbaceous invasive spot spraying & hand pulling.

## Roseau

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Roseau River WMA	16244212	562	\$35,000	Yes	Mechanical shearing of brush was completed to regenerate rank and older stands. This was done to create open early successional landscape conditions suitable for sharp-tail, deer, and other brushland species.

## St Louis

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cloquet State Forest	05513236	302	\$24,700	Yes	Contracted for hand release of jack pine and long lived conifer species twice over 3 growing seasons to enhance as wood turtle habitat.
Moose Mountain SNA	05113222	175	\$76,800	Yes	Contracted for inventory of all terrestrial invasive species on the site and then followed up with primarily hand removal and treatment of buckthorn, tansy and Canada thistle done in fall with spring followup.
Sax-Zim WMA	05518226	414	\$33,900	Yes	Mowing of brush was completed to maintain open early successional open landscape conditions.
Western Border Lakes Oak Release	06620231	51	\$4,200	Yes	Contracted for hand cutting on non-merchantable rock outcropping that had degraded to fire suppression. The cutting was done to restore the native plant community and increase mast production and benefits to wildlife.

## St. Louis

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Cloquet Area Forestry	05514222	149	\$12,200	Yes	Used prescribed fire to encourage regeneration of white pine in the forest understory. Accomplishments limited to smaller acreage than planned due to weather and fire behavior.
Hibbing Area Forestry #1	05718236	22	\$1,800	Yes	Used prescribed fire to encourage regeneration of conifers in the forest understory and promote mast production.
Hibbing Area Forestry #2	05717225	9	\$700	Yes	Used prescribed fire to encourage regeneration of conifers in the forest understory and promote mast production.
Orr Forestry Area	06421236	108	\$8,800	Yes	Contracted hand release of targeted species to maintain stand diversity in conifer regeneration stand.
Tower Forestry Area #1	06418236	54	\$4,000	Yes	Contracted hand release of white spruce and oak to increase that component in Northern Mixed Conifer stand.
Tower Forestry Area #2	06418234	113	\$9,300	Yes	Contracted hand release of conifers to increase that component in Northern Mixed Conifer stand.
Two Harbors Area StTrFnd	06404132	100	\$8,200	Yes	Contracted hand release of red and white pine to increase that component in Northern Mixed Conifer stand.

## Wadena

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Menahga WMA (FIM Stand 100) & Yeager WMA: DNR Wildlife Park Rapids	13734210	102	\$15,900	Yes	A combination of site preparation, planting and brush mowing activities were completed to promote an increase in jack pine habitat and lowland brush rejuvenation in the Chippewa Plains-Pine Moraines and Outwash Plains SFRMP.

## Winona

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Whitewater WMA	10810227	428	\$104,500	Yes	Pre harvest treatment occurred with 163,000 seedlings planted on 262 acres. Post-sale treatmentSeedling cost: \$43,918. Cost to contract plant: \$10,350. Post-sale treatment of releasing desirable species wss completed on 166 acres.

## Winona

Name	TRDS	Acres	Total Cost	Existing Protection?	Description
Whitewater WMA	10810204	171	\$21,100	Yes	Post harvest treatment occurred to release 150 desirable trees per acre on 171 acres to assure sustainable oak resource in future stands.

## Section 2 - Protect Parcel List

### Aitkin

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Willowssippi WMA	05025210	80	\$42,500	No	Y	Y	Complete Acquisition of Existing Unit. Protect remainder of shallow lake and adjacent upland

### Benton

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Graham WMA	03830201	30	\$71,000	No	Full		Graham WMA in-holding

### Crow Wing

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
Ray Cook WMA	04431224	120	\$180,000	No	Y	Y	Complete purchase of in holdings within WMA. Partnership with Hill City Chapter of MWA

### Hubbard

Name	TRDS	Acres	OHF Cost	Existing Protection?	Hunting?	Fishing?	Description
LaSalle Lake SNA	14535230	167	\$585,000	Y	Y	Y	This is funding is towards acquisition of a 268.66 257-acre parcel (pro-rated at 167 acres)

## 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 Area

# of Total Acres:	7
County:	Aitkin
Township:	047
Range:	26
Direction:	2
Section:	30
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	7
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Aitkin Area

# of Total Acres:	19
County:	Aitkin
Township:	047
Range:	27
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	19
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Badoura State Forest Hubbard County tax forfeiture land: DNR Wildlife Park Rapids

# of Total Acres:	522
County:	Hubbard
Township:	139
Range:	32
Direction:	2
Section:	33
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	522
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Baudette Wildlife Work Area

# of Total Acres:	745
County:	Lake of the Woods
Township:	159
Range:	31
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	745
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0



## Completed Parcel: Beltrami Island State Forest #1

# of Total Acres:	350
County:	Beltrami
Township:	158
Range:	37
Direction:	2
Section:	14
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	350
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Beltrami Island State Forest #2

# of Total Acres:	202
County:	Beltrami
Township:	157
Range:	37
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	202
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Bemidji, Park Rapids, and Brainerd forestry areas

# of Total Acres:	245
County:	Hubbard
Township:	138
Range:	33
Direction:	2
Section:	14
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	245
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Cannon R Turtle Preserve SNA

# of Total Acres:	20
County:	Goodhue
Township:	113
Range:	16
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	20
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Cherry Grove Blind Valley SNA

# of Total Acres:	40
County:	Fillmore
Township:	101
Range:	12
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	40
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Cloquet Area Forestry

# of Total Acres:	149
County:	St. Louis
Township:	055
Range:	14
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	149
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Cloquet State Forest

# of Total Acres:	302
County:	St Louis
Township:	055
Range:	13
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	302
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$24,700

## Completed Parcel: Deer River Area Forestry #1

# of Total Acres:	34
County:	Itasca
Township:	055
Range:	23
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	34
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0



## Completed Parcel: Deer River Area Forestry #2

# of Total Acres:	14
County:	Itasca
Township:	146
Range:	27
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	14
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Deer River Area Forestry #3

# of Total Acres:	14
County:	Cass
Township:	143
Range:	25
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	14
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$1,100

## Completed Parcel: Deer River Area Forestry #4

# of Total Acres:	15
County:	Itasca
Township:	061
Range:	24
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	15
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$1,200

## Completed Parcel: Deer River Area Forestry (Adaptive Forest Management Area)

# of Total Acres:	41
County:	Itasca
Township:	147
Range:	26
Direction:	2
Section:	20
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	41
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Four Brooks WMA #1

# of Total Acres:	37
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	37
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Four Brooks WMA #2

# of Total Acres:	200
County:	Mille Lacs
Township:	040
Range:	27
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	200
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$26,000

## Completed Parcel: Franconia Bluffs SNA

# of Total Acres:	12
County:	Chisago
Township:	033
Range:	19
Direction:	2
Section:	03
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	12
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Graham WMA

# of Total Acres:	30
County:	Benton
Township:	038
Range:	30
Direction:	2
Section:	01
# of Acres: Wetlands/Upland:	25
# of Acres: Forest:	5
# 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:	DNR - Fish and Wildlife
Annual Reporting Manager Name:	Pat Rivers (Kim Hennings)
Annual Reporting Address:	500 Lafayette Rd
Annual Reporting City:	St Paul
Annual Reporting State:	
Annual Reporting Zip:	55155
Annual Reporting Email:	kim.hennings@state.mn.us
Annual Reporting Phone:	651-259-5210
Purchase Date:	June 14, 2013
Acquisition Title:	
Purchase Price:	\$71,000
Appraised Value:	\$71,000
Professional Service Costs:	\$18,331
Assessed Value:	\$125,000
Total Project Cost:	\$71,000
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:	Graham WMA



## Completed Parcel: Hibbing Area Forestry #1

# of Total Acres:	22
County:	St. Louis
Township:	057
Range:	18
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	22
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$1,800

## Completed Parcel: Hibbing Area Forestry #2

# of Total Acres:	9
County:	St. Louis
Township:	057
Range:	17
Direction:	2
Section:	25
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	9
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$700

## Completed Parcel: LaSalle Lake SNA

<b># of Total Acres:</b>	167
<b>County:</b>	Hubbard
<b>Township:</b>	145
<b>Range:</b>	35
<b>Direction:</b>	2
<b>Section:</b>	30
<b># of Acres: Wetlands/Upland:</b>	62
<b># of Acres: Forest:</b>	100
<b># of Acres: Prairie/Grassland:</b>	5
<b>Amount of Shoreline:</b>	16163 (Linear Feet)
<b>Name of Adjacent Body of Water (if applicable):</b>	Mississippi River & LaSalle Creek
<b>Has there been signage erected at the site:</b>	Yes
<b>Annual Reporting Organization Name:</b>	DNR - Scientific and Natural Area Program
<b>Annual Reporting Manager Name:</b>	Peggy Booth (Melissa Driscoll)
<b>Annual Reporting Address:</b>	500 Lafayette Rd, Box 25
<b>Annual Reporting City:</b>	St Paul
<b>Annual Reporting State:</b>	MN
<b>Annual Reporting Zip:</b>	55155
<b>Annual Reporting Email:</b>	melissa.driscoll@state.mn.us
<b>Annual Reporting Phone:</b>	651-259-5098
<b>Purchase Date:</b>	December 21, 2010
<b>Acquisition Title:</b>	
<b>Purchase Price:</b>	\$940,000
<b>Appraised Value:</b>	\$940,000
<b>Professional Service Costs:</b>	\$24,034
<b>Assessed Value:</b>	\$391,300
<b>Total Project Cost:</b>	\$940,000
<b>Fees Received:</b>	\$0
<b>Donations:</b>	\$0
<b>Related Parties:</b>	
<b>Property Managed By:</b>	DNR - Scientific and Natural Area -
<b>Name of the unit area or location government unit or land manager:</b>	LaSalle Lake SNA

## Completed Parcel: Littlefork Forestry Area #1

# of Total Acres:	150
County:	Koochiching
Township:	067
Range:	24
Direction:	2
Section:	06
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	150
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$12,300

## Completed Parcel: Littlefork Forestry Area #2

# of Total Acres:	235
County:	Koochiching
Township:	068
Range:	24
Direction:	2
Section:	13
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	235
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Manitou Collaborative

# of Total Acres:	62
County:	Lake
Township:	059
Range:	07
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	62
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$5,100

## Completed Parcel: Menahga WMA (FIM Stand 100) & Yeager WMA: DNR Wildlife Park Rapids

# of Total Acres:	102
County:	Wadena
Township:	137
Range:	34
Direction:	2
Section:	10
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	102
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Mille Lacs WMA

# of Total Acres:	497
County:	Mille Lacs
Township:	041
Range:	25
Direction:	2
Section:	29
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	497
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$64,500



## Completed Parcel: Moose Mountain SNA

# of Total Acres:	175
County:	St Louis
Township:	051
Range:	13
Direction:	2
Section:	22
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	175
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Moose Willow WMA

# of Total Acres:	9
County:	Aitkin
Township:	051
Range:	25
Direction:	2
Section:	09
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	9
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Orr Forestry Area

# of Total Acres:	108
County:	St. Louis
Township:	064
Range:	21
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	108
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Pine Bend Bluffs SNA

# of Total Acres:	11
County:	Dakota
Township:	027
Range:	22
Direction:	2
Section:	34
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	11
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Prairie Creek Woods SNA

# of Total Acres:	64
County:	Rice
Township:	110
Range:	19
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	64
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Ray Cook WMA

# of Total Acres:	120
County:	Crow Wing
Township:	044
Range:	31
Direction:	2
Section:	24
# of Acres: Wetlands/Upland:	10
# of Acres: Forest:	110
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	2250 (Linear Feet)
Name of Adjacent Body of Water (if applicable):	Cook Lake
Has there been signage erected at the site:	Yes
Annual Reporting Organization Name:	DNR - Fish and Wildlife
Annual Reporting Manager Name:	Pat Rivers (Kim Hennings)
Annual Reporting Address:	500 Lafayette Rd
Annual Reporting City:	St Paul
Annual Reporting State:	MN
Annual Reporting Zip:	55155
Annual Reporting Email:	kim.hennings@state.mn.us
Annual Reporting Phone:	651-259-5210
Purchase Date:	April 16, 2012
Acquisition Title:	
Purchase Price:	\$180,000
Appraised Value:	\$180,000
Professional Service Costs:	\$22,590
Assessed Value:	\$255,000
Total Project Cost:	\$180,872
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:	Ray Cook WMA

## Completed Parcel: Region 2 Forestry

# of Total Acres:	235
County:	Itasca, Cass, Aitkin, Carlton, St Louis, Cook
Township:	062
Range:	23
Direction:	2
Section:	16
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	235
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Rock Dell WMA

# of Total Acres:	3
County:	Olmsted
Township:	105
Range:	15
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	3
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0



## Completed Parcel: Roseau River WMA

# of Total Acres:	562
County:	Roseau
Township:	162
Range:	44
Direction:	2
Section:	12
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	562
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Sandstone Area Forestry

# of Total Acres:	35
County:	Pine
Township:	044
Range:	16
Direction:	2
Section:	21
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	35
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Sandstone Forestry - Nemadji State Forest

# of Total Acres:	87
County:	Pine
Township:	043
Range:	16
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	87
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Sax-Zim Forest Enhancement

# of Total Acres:	158
County:	Cook, St Louis
Township:	055
Range:	18
Direction:	2
Section:	28
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	158
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Sax-Zim WMA

# of Total Acres:	414
County:	St Louis
Township:	055
Range:	18
Direction:	2
Section:	26
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	414
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$33,900

## Completed Parcel: Solona State Forest

# of Total Acres:	22
County:	Aitkin
Township:	045
Range:	22
Direction:	2
Section:	30
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	22
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Thief Lake Wildlife Work Area

# of Total Acres:	526
County:	Marshall
Township:	157
Range:	38
Direction:	2
Section:	08
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	526
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Tower Forestry Area #1

# of Total Acres:	54
County:	St. Louis
Township:	064
Range:	18
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	54
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0



## Completed Parcel: Tower Forestry Area #2

# of Total Acres:	113
County:	St. Louis
Township:	064
Range:	18
Direction:	2
Section:	34
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	113
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Two Harbors Area Moose/State Forest

# of Total Acres:	89
County:	Cook
Township:	063
Range:	03
Direction:	1
Section:	14
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	89
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Two Harbors Area StTrFnd

# of Total Acres:	100
County:	St. Louis
Township:	064
Range:	04
Direction:	1
Section:	32
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	100
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Two Harbors Area StTrFnd & CoTxFor

# of Total Acres:	24
County:	Lake
Township:	058
Range:	07
Direction:	2
Section:	06
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	24
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$1,900

## Completed Parcel: Two Harbors Forestry Area

# of Total Acres:	50
County:	Lake
Township:	057
Range:	11
Direction:	2
Section:	13
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	50
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Western Border Lakes Oak Release

# of Total Acres:	51
County:	St Louis
Township:	066
Range:	20
Direction:	2
Section:	31
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	51
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Whitewater WMA

# of Total Acres:	171
County:	Winona
Township:	108
Range:	10
Direction:	2
Section:	04
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	171
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

## Completed Parcel: Whitewater WMA

# of Total Acres:	428
County:	Winona
Township:	108
Range:	10
Direction:	2
Section:	27
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	428
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$104,500



## Completed Parcel: Willowsippi WMA

# of Total Acres:	80
County:	Aitkin
Township:	050
Range:	25
Direction:	2
Section:	10
# of Acres: Wetlands/Upland:	80
# 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
Annual Reporting Organization Name:	DNR - Fish and Wildlife
Annual Reporting Manager Name:	Pat Rivers (Kim Hennings)
Annual Reporting Address:	500 Lafayette Rd
Annual Reporting City:	St Paul
Annual Reporting State:	
Annual Reporting Zip:	55155
Annual Reporting Email:	kim.hennings@state.mn.us
Annual Reporting Phone:	651-259-5210
Purchase Date:	January 24, 2012
Acquisition Title:	
Purchase Price:	\$42,500
Appraised Value:	\$42,500
Professional Service Costs:	\$9,127
Assessed Value:	\$40,500
Total Project Cost:	\$42,500
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:	Willowsippi WMA

## Completed Parcel: Wood-Rill SNA

# of Total Acres:	55
County:	Hennepin
Township:	118
Range:	23
Direction:	2
Section:	36
# of Acres: Wetlands/Upland:	
# of Acres: Forest:	55
# of Acres: Prairie/Grassland:	
Amount of Shoreline:	
Name of Adjacent Body of Water (if applicable):	
Has there been signage erected at the site:	
Total cost of Restoration/Enhancement:	\$0

# Parcel Map

## Accelerated Forest Wildlife Habitat Program, Phase 1

