



# Environment and Natural Resources Trust Fund (ENRTF) M.L. 2011 Work Plan

**Date of Status Update:**

**Date of Next Status Update:** 3/1/2012

**Date of Work Plan Approval:** 6/23/2011

**Project Completion Date:** 6/30/2014

**Is this an amendment request?** \_\_\_\_\_

**Project Title: Scientific and Natural Areas Acquisition and Restoration**

**Project Manager:** Peggy Booth

**Affiliation:** MN DNR

**Address:** 500 Lafayette Rd, Box 25

**City:** St Paul **State:** MN **Zipcode:** 55155

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**Web Address:** <http://www.dnr.state.mn.us/snas/index.html>

**Location:**

**Counties Impacted:** Statewide

**Ecological Section Impacted:** Lake Agassiz Aspen Parklands (223N), Minnesota and Northeast Iowa Morainal (222M), North Central Glaciated Plains (251B), Northern Minnesota and Ontario Peatlands (212M), Northern Minnesota Drift and lake Plains (212N), Northern Superior Uplands (212L), Paleozoic Plateau (222L), Red River Valley (251A), Southern Superior Uplands (212J), Western Superior Uplands (212K)

<b>Total ENRTF Project Budget:</b>	<b>ENRTF Appropriation \$:</b>	1,640,000
	<b>Amount Spent \$:</b>	<u>0</u>
	<b>Balance \$:</b>	1,640,000

**Legal Citation:** M.L. 2011, First Special Session, Chp. 2, Art.3, Sec. 2, Subd. 04e

**Appropriation Language:**

\$820,000 the first year and \$820,000 the second year are from the trust fund to the commissioner of natural resources to acquire lands with high-quality native plant communities and rare features to be established as scientific and natural areas as provided in Minnesota Statutes, section 86A.05, subdivision 5, restore parts of scientific and natural areas, and provide technical assistance and outreach. A list of proposed acquisitions must be provided as part of the required work program. Land acquired with this appropriation must be sufficiently improved to meet at least minimum management standards, as determined by the commissioner of natural resources. This appropriation is available until June 30, 2014, by which time the project must be completed and final products delivered.

## **I. PROJECT TITLE: Scientific and Natural Area Acquisition and Restoration**

### **II. PROJECT SUMMARY:**

Sites of biodiversity significance identified by the Minnesota County Biological Survey (MCBS) would be permanently protected as state Scientific and Natural Areas (SNAs), their quality improved, and public support for and involvement in their conservation will be increased by a suite of tools through the DNR SNA Program. About 80 acres of at risk, high quality native plant communities and wildlife habitat of state significance would be acquired and designated as SNAs. Native habitat restoration and enhancement activities would be implemented on about 1800 acres of SNAs threatened by human impacts, invasives, and lack of natural disturbance regimes. To increase citizen and student involvement in SNAs and their knowledge and skills about biodiversity conservation, new SNA naturalists would engage youth and volunteers in ecological activities and as SNA site stewards.

### **III. PROJECT STATUS UPDATES:**

**Project Status as of March 1, 2012:**

**Project Status as of September 1, 2012:**

**Project Status as of March 1, 2013:**

**Project Status as of September 1, 2013:**

**Project Status as of March 1, 2014 (if needed):**

### **IV. PROJECT ACTIVITIES AND OUTCOMES:**

#### **ACTIVITY 1: Protection of Sites of Biodiversity Significance**

**Description:** The SNA Program will protect and buffer MCBS-recommended sites of biodiversity significance by acquisition and SNA designation of about 80 acres. To be acquired and designated as SNA, the site must be recommended for SNA designation by the Commissioner's Advisory Committee (CAC) and in an Ecological Evaluation report which serves as the site's baseline assessment for fee acquisitions and AND must be part of a MCBS-mapped biodiversity significance site (or be a geological feature of statewide significance). All such sites are predominantly MCBS-mapped native plant communities and contain habitat for rare species and Species of Greatest Conservation Need. In addition, SNA staff uses criteria, such as landowner readiness and urgency, degree of threat, and partnership opportunities, to rank which recommended sites are currently pursued. The list of priority projects for this is the M.L. Acquisition/Restoration List table (attached). DNR may request to add other qualifying sites to the list with additional MCBS recommendations and changes in landowner interest, acquisition opportunity, or threats. Most acquisition will be of fee title, but if more appropriate for ongoing management and use, acquisition will be of an SNA program-administered conservation easement with SNA designation.

Conservation easement baseline reports and monitoring would be done on about 10 sites, including sites, if any, acquired through conservation easement with these funds. As of May 2011, the SNA Program manages 20 SNA conservation easements at 12 designated SNAs. One of these has a full baseline property report and ~11 baseline reports need to be completed.

In cooperation with MCBS, the SNA Long Range Plan will be updated and GIS tools developed and applied to evaluate and prioritize candidate sites and to implement the State Wildlife Action Plan (SWAP). This process will include: a) identification and categorization of natural features (specifically native plant communities, rare plants, animals, and geological features, and areas of biodiversity significance) most important for protection in Minnesota and each of its primary landscapes; b) mapping (using geographic information systems – GIS) of current locations and protection status of features, in

particular whether within existing SNAs, other state units, and selected other categories of ownership using available data; c) refinement of criteria for prioritizing sites as candidates for SNA designation; 4) identification of candidate areas for land protection – primarily through SNA designation, but considering other land protection tools (including the SNA Program’s Natural Area Registry) – and their priority rating; and 5) evaluation and revision of the SNA Long Range Plan with input from the Commissioner’s Advisory Committee. This will be primarily an ecological prioritization process that will also take into account and be coordinated with the work on SWAP, climate change, watershed approaches, and cost-benefit analyses addressing public use, access, management costs, etc.

**Summary Budget Information for Activity 1:**

**ENRTF Budget: \$ 733,500**  
**Amount Spent: \$ 0**  
**Balance: \$ 733,500**

**Activity Completion Date:**

<b>Outcome</b>	<b>Completion Date</b>	<b>Budget</b>
1a. acquisition as SNA of ~80 acres of high quality habitat	6/30/13	\$504,800
1b. baseline property reports & monitoring for ~10 conservation easements	6/30/13	\$30,200
1c. SNA Long Range Plan update & strategic prioritization tools	6/30/13	\$198,500

**Activity Status as of March 1, 2012:**

**Activity Status as of September 1, 2012:**

**Activity Status as of March 1, 2013:**

**Activity Status as of September 1, 2013:**

**Activity Status as of March 1, 2014 (if needed):**

**Final Report Summary:**

**ACTIVITY 2: Native Habitat Restoration & Enhancement**

Restoration and enhancement activities would be completed on about 1800 acres at ~30 SNAs. Interpretive signs-kiosks would be developed and installed at ~2 SNAs and other development work done at ~6 SNAs. Management plans will be completed for ~6 SNAs (including any sites acquired through these funds). Management practices at ~10 SNAs would be monitored to identify adaptive management process improvements needed to achieve better habitat for rare species and Species of Greatest Conservation Need (SGCN).

Restoration and enhancement activities – including bringing sites acquired up to minimum standards – will be carried out by DNR staff- SNA crews, Conservation Corps Minnesota (CCM), Sentence to Serve (STS), volunteers, and/or contractors. Activities include seed collection, planting, exotics control, woody encroachment removal, site clean-up, signing (including development & installation of interpretive kiosks), fencing, prescribed burns, management plan preparation, and monitoring. All restoration will use seeds/plants of a local ecotype, collected from onsite or within 25 miles. Restoration and enhancement of degraded and rare land features (particularly native prairie, savanna, and forest helps implement the SWAP and achieve Habitat Recommendation 5 of the SCPP. This activity would include all work needed to bring up to the Department’s minimum standards those SNA parcels acquired through this funding and will include that restoration and enhancement of newly acquired sites which is ecologically advisable and feasible within the appropriation period.

The Department's "Long-Range Budget Analysis of Land Management Needs" estimates the following statewide needs on SNAs: one time actions: ~1700 acres plant community restoration (reconstruction), ~1600 acres woody encroachment removal, and development work (e.g. cleanup, signs, fencing or parking) at ~30 sites; plus ongoing work: ~2000 acres/year prescribed burns, revisiting about ~ 2000 acres/year to do invasive species spot treatments, revisiting ~20 sites per year to replace/repair signs or fences or do small scale mowing.

**Summary Budget Information for Activity 2:**

**ENRTF Budget: \$ 506,500**  
**Amount Spent: \$ 0**  
**Balance: \$ 506,500**

**Activity Completion Date:**

<b>Outcome</b>	<b>Completion Date</b>	<b>Budget</b>
2a. ~18 acres of prairie, forest, etc restoration (reconstruction)	6/30/13	\$23,000
2b. ~140 acres of woody removal & exotics species treatment	3/30/13	\$129,800
2c. ~1700 acres of prescribed burns	5/30/13	\$206,600
2d. ~2 SNA interpretive kiosks installed AND development work on ~6 sites	6/30/13	\$27,500
2e. management plans completed for ~6 SNAs	6/30/13	\$49,800
2f. adaptive management monitoring on ~9 SNA sites	6/30/13	\$69,800

**Activity Status as of March 1, 2012:**

**Activity Status as of September 1, 2012:**

**Activity Status as of March 1, 2013:**

**Activity Status as of September 1, 2013:**

**Activity Status as of March 1, 2014 (if needed):**

**Final Report Summary:**

**ACTIVITY 3: Citizen-Student Engagement in Natural Areas**

**Description:**

A new naturalist-led, local partnership-based initiative will engage residents, students, and other interested people in ecological recreation and education activities on SNAs. This includes recruiting and assisting a network of 80+ SNA volunteer site stewards; co-sponsoring and coordinating 40+ volunteer site restoration and management work days and ecological recreation-educational events (guided nature hikes, birding visits, botanizing, citizen-science activities, etc) aimed at building long-lasting and action-based conservation ethics in the community. New region-based part-time SNA naturalist positions would be established to cultivate and facilitate locally-led citizen-student based activities on SNAs. Work includes: integrating site steward information and volunteer project tracking into the Adaptive Management Spatial Database (AMSD), developing and disseminating a site steward's kit and electronic newsletter, producing and disseminating (primarily through the web) a map of SNAs featuring activities people can do on SNAs, enhancing SNA visitor information on the web, and developing and launching a web-based tool for SNA stewards and visitors to report and share observations (e.g. bird sightings and phenology observations).

**Summary Budget Information for Activity 3:**

**ENRTF Budget: \$ 400,000**  
**Amount Spent: \$ 0**

Balance: \$ 400,000

**Activity Completion Date:**

<b>Outcome</b>	<b>Completion Date</b>	<b>Budget</b>
3a. SNA use information & observation reporting tool	5/1/12	\$55,800
3b. 40+ volunteer events	6/30/13	\$150,000
3c. network of 80+ volunteer site stewards & database tracking	6/30/13	\$194,200

**Activity Status as of March 1, 2012:**

**Activity Status as of September 1, 2012:**

**Activity Status as of March 1, 2013:**

**Activity Status as of September 1, 2013:**

**Activity Status as of March 1, 2014 (if needed):**

**Final Report Summary:**

**V. DISSEMINATION:**

**Description:** Dissemination will primarily be achieved through the SNA webpage on the DNR website: <http://www.dnr.state.mn.us/snas/index.html> . All volunteer events will be listed at the webpage and SNA visitors and site stewards will be able to report and share observations (e.g. bird sightings and phenology observations) via a new web-based tool. The updated SNA Long Range Plan and new SNA map (featuring activities people can do at SNAs) will be posted on the webpage. A limited number of printed copies of the plan will be available upon request through the webpage and DNR Information Center. The new map will be distributed through the DNR Information Center, at DNR region and area offices and state parks, at the State Fair, and through SNA event co-sponsors – with primary emphasis on facilities/organizations that are near SNAs and are cooperating on sponsoring SNA events. The SNA naturalists are expected to make presentations and lead field trips at SNAs and/or to promote involvement in SNAs. The site steward kits and e-newsletter will be disseminated to officially recognized site stewards.

**Status as of March 1, 2012:**

**Status as of September 1, 2012:**

**Status as of March 1, 2013:**

**Status as of September 1, 2013:**

**Status as of March 1, 2014 (if needed):**

**Final Report Summary:**

**VI. PROJECT BUDGET SUMMARY:**

**A. ENRTF Budget:**

<b>Budget Category</b>	<b>\$ Amount</b>	<b>Explanation</b>
Personnel:	\$756,100	Mgmt. Coord.(~0.36 FTE classified); IT-web staff

		(~0.6FTE classified & unclassified); Spec's & Tech's (~4.13 FTE classified & unclassified); Laborers (classified) & Seasonal Crews (unclassified (~1.08 FTE)
Professional/Technical Contracts:	\$114,000	Activity 1b: SNA easement baseline property reports & monitoring (~\$18K); Activity 2e: SNA adaptive management plans (~\$19K); Activity 2f: adaptive management monitoring (~\$27K); and Activity 3 volunteer/student events/projects (~\$50K)
Service Contracts	\$198,000	Activity 2 deliverables including 2a native habitat reconstruction (~\$10K), 2b woody encroachment removal & exotics control (~\$80K), 2c prescribed burning (~\$100K); and 2d site development (fences, signs, etc) (~\$8K)
Equipment: Fleet Charges	\$19,300	Fleet charges for trucks, cars, & equipment, e.g. mowers, seeders
Tools/Supplies:	\$15,100	Activity 1: field work & work session supplies; Activity 2: 2a-2c parts, tools, repair costs & supplies for restoration, enhancement, management plans, & monitoring; 2d interpretive displays, signs & posts, fencing, etc Activity 2f: field supplies Activity 3: volunteer and school events supplies (including safety items, handtools, etc)
Fee Title Acquisition:	\$450,000	DNR – SNA
Professional Services for Acq:	\$34,000	
Printing:	\$5,500	
Travel Expenses in MN:	\$7,000	mileage, lodging & meals as per state contracts)
Other:	\$41,000	database & web development & support (MIS)
<b>TOTAL ENRTF BUDGET:</b>	<b>\$1,640,000</b>	

**Explanation of Use of Classified Staff:** Consistent with approved work plans for previous ENRTF appropriations for the SNA program, this funding will be used to pay project-associated costs for classified & unclassified staff paid almost exclusively with special project funds. The classified Management Coordinator (whose position was created about 18 months ago to be paid with special project funds) will be responsible for providing technical guidance statewide to assure adherence with program standards, and for developing and administering contracts statewide, following the state bid process and procedures (e.g. management plan contracts, etc.). The Specialist and Technician level positions (classified and unclassified) work with landowners and real estate staff to complete acquisition projects and baseline property reports; design, coordinate and oversee restoration and enhancement projects – including ones involving volunteers and site stewards; and recruit, train, and coordinate with site stewards and volunteers. In addition, a combination of SNA and MCBS specialist-level positions (both classified and unclassified) will provide scientific/field expertise, analysis, etc. for the long range plan-strategic prioritization. Laborers (classified) and other seasonal crews (unclassified) will be used to implement management activities, such as prescribed burning or invasive species treatments. In addition, portions of 2-3 IT positions will be involved in this project: 1-2 classified special project staff doing database development and GIS; and 1 unclassified position doing web development and other duties related to citizen-student-volunteer engagement. These positions would not exist, but for special project funding received through the ENRTF and other funds. Each year these positions are assigned work based on the particular combination of soft funding available to address priority SNA Program activities. No funding from this appropriation will be used to cover personnel costs for this work program's Project Manager.

**Explanation of Capital Expenditures Greater Than \$3,500:** NA

**Number of Full-time Equivalent (FTE) funded with this ENRTF appropriation:** approximately 6.15 FTE spread across approximately 20-30 positions.

**B. Other Funds:**

Source of Funds	\$ Amount Proposed	\$ Amount Spent	Use of Other Funds
<b>State:</b>			
General Fund and other funds as appropriate	\$125,600	\$	Shared Services (operations support governance) are services that DNR relies on in order to conduct business and support the work of the department. These services are more efficient when shared.
General Fund	\$98,400	\$	Division Support Costs that help maintain basic program operations
<b>TOTAL OTHER FUNDS:</b>	<b>\$224,000</b>	<b>\$</b>	

**VII. PROJECT STRATEGY:**

**A. Project Partners:** Work under this proposal is coordinated with separately funded work of partners including work with Metro Conservation Corridors and Habitat Corridors partners (such as Friends of the Mississippi River for restoration & enhancement), Trust for Public Land (acquisition, including LaSalle Lake Phase 2), and Minnesota River Green Corridors Initiative (acquisition). These efforts are complementary not redundant; all accomplishments on joint projects would be prorated.

**B. Project Impact and Long-term Strategy:**

This project will help protect and perpetuate rare species, SGCNs, and natural features of state significance across the state, selected because of their importance and strategic value. As a part of the State Outdoor Recreation system, SNAs are open to the public for hiking, nature photography, bird watching, snowshoeing, and other activities that do not disturb the natural conditions. Some SNAs are open to all legal hunting, while others are open only to specific types of hunting to help achieve management goals. SNAs are intended to give people the opportunity to experience undisturbed nature without public convenience facilities.

The goal of the Scientific and Natural Areas (SNA) program is to preserve the ecological diversity of Minnesota’s natural heritage, requiring the protection and management of all features in sufficient quantity and distribution across the state. Protecting multiple sites in each landscape area is critical to capturing the full range of genetic diversity and preventing the loss of important species, communities, and features in the state.

The SNA Long-Range Plan, which was developed with the Commissioner’s Advisory Committee, recommends the protection of 500 sites through SNA designation by 2085, including: 200 prairie SNAs, 135 deciduous forest SNAs, and 165 coniferous forest SNAs. The plan further recommends that five examples of each native plant community and three examples of each rare feature need to be protected as SNAs in each landscape (or subsection) of the state in which they naturally occur.

The SNA program targets acquisition and designation of Minnesota County Biological Survey (MCBS) mapped sites of outstanding and high biodiversity significance. If the program were to target, in the next 10 years, acquisition and protection of one percent of the already mapped unprotected outstanding and high biodiversity significance acres in all ecological sections (excluding the section containing the large peatland SNAs), the resulting total would be a SNA acquisition target of approximately 19,800 in

the next 10 years. This 10-year total would equal an average of 1,980 acres acquisition and designation per year which compares to the FY06-10 average of 500 acres acquired per year.

The numerous types of rare resources and native habitats for which the Scientific and Natural Areas are acquired demand a broad and adaptive array of techniques to protect them. Sites acquired as SNA must be in a predominantly high quality natural state. However, peripheral disturbed areas are often part of an acquisition and threats to the integrity of native plant community remnants, such as invasive species or human disturbance, continue to increase. In general, because of scale of remaining natural habitat and the lack of natural disturbance, SNAs which are native prairie and savannas require the greatest level of management, while the peatland SNAs require the least, and forested SNAs fall in the middle and vary among themselves depending on their location and size.

All SNA acres are intended to be managed as existing or restored native plant communities. This includes reconstruction of native plant communities on sites previously converted to other uses and it may include rehabilitation of degraded sites through interseeding. Specifically, existing SNAs (as of July 1, 2010) have a total of about 1,700 acres statewide that need native plant community reconstruction with seed of local ecotype. All fire dependent plant communities in SNAs should be managed through prescribed burning. Specifically, excluding the peatlands, an estimated 20% of SNAs have prairie-grassland-wetland communities and an estimated 5-10% have forest or brushland communities that need to be managed through prescribed fire; no more than 20-25% of a given site ( or site complex) should be burned annually. On all SNAs impacted, control measures are to be implemented to reduce impacts from species that are harming a native plant community or other native feature. Plant management treatments target herbaceous and woody invasive species that displace native plant communities.

**C. Spending History:**

<b>Funding Source</b> <i>Note: this list is of appropriations by approp. yr. NOT expenditures (except ** which are all acquisition project landowner payments or donated land value)</i>	<b>M.L. 2005-06 or FY 2006-07 (two years)</b>	<b>M.L. 2007 or FY 2008</b>	<b>M.L. 2008 or FY 2009</b>	<b>M.L. 2009 or FY 2010</b>	<b>M.L. 2010 or FY 2011 (may not be complete)</b>
ENRTF	\$66,500 (5a) \$300,000 (5b) \$134,000 (5c)	\$50,000 (4b) \$243,000 (4c)	\$37,500 (3c) \$515,000 (3a) \$1,000,000 (3f) \$140,000 (3m)	\$37,500 (4e) \$410,000 (4f) \$703,300 (4d)	\$31,500 (4f) \$1,046,700 (4b)
OHC					\$1,408,000
G.O. Bonds	\$2,300,000		\$3,000,000		
** Lakeshore Lease Fund	\$179,300				\$17,800
** RIM plate match	\$1,268,400			\$7,000	\$637,000
** Other state	\$161,000				\$7,000
Federal – State Wildlife Grant				\$251,300	
** Federal – LAWCON	\$759,500				
** Federal – Coastal Zone	\$478,000				
** Dakota Co – FNAP	\$566,000			\$80,000	\$100,000
** Partners (TPL)		\$430K			\$2,052,000
** Partners (FMR)					\$50,000
** Mitigation - \$s fr other				\$150,000	



landowner					
** Landowner donations (not complete information)				>\$40,000	>\$490,000

**VIII. ACQUISITION/RESTORATION LIST:** See Acquisition/Restoration List.

**IX. MAP(S):** See Figure 1 map attachment.

**X. RESEARCH ADDENDUM: NA**

**XI. REPORTING REQUIREMENTS:**

Periodic work plan status update reports will be submitted not later than March 1 and September 1 of each year starting in 2012. A final report and associated products will be submitted by August 1, 2014 as requested by the LCCMR.

**Environment and Natural Resources Trust Fund  
M.L. 2011 Acquisition/Restoration List**

**Project Title: Scientific and Natural Area Acquisition and Restoration**

**Project Manager Name: Margaret (Peggy) Booth**

**M.L. 2011 ENRTF Appropriation: \$ 1,640,000**

#	Acquisition or Restoration Parcel Name	Geographical Coordinates (Provide Latitude/Longitude OR UTM-X/UTM-Y)		Ecosystem Description	Ecological Significance	Activity Description	# of Acres	# of Shoreline Miles (if applicable)	Proposed Fee Title or Easement Holder (if applicable)	Status
		Latitude or UTM-X	Longitude or UTM-Y							
1	Art Lake Hardwood Ridges	634607	5263231	forest	part of 4700 acre MCBS-mapped ecologically intact area with oldgrowth sugar maple and upland white cedar forest on remote ridges; black-throated blue warbler	Fee title acquisition	240	none	DNR SNA	recommended; landowner waiting for us
2	Forever Wild	434298	5240457	forest	lakeshore property with diverse aquatic vegetation and fish habitat on Siseebakwet (Sugar) Lake; remainder of hardwood knob in existing SNA; habitat for forest birds.	Fee title acquisition	3	.91 miles	DNR SNA	in appraisal
3	Englund Ecotone	410739	5060868	forest-wetland-savanna complex	Pin Oak-Bur Oak Woodland, Sedge Meadow, and Dry Barrens Oak Savanna and 4 rare plants species	Fee title acquisition	350	none	DNR SNA	in appraisal
4	Savage Fen - Phase 2	471988	4957651	forest-wetland-fen	calcareous fen-wetland complex, forested bluff; Phase 2 is ~ 98 acre acquisition from developer who will option it to TPL; this is also proposed as a TPL Metro Corridors project.	Fee title acquisition	98	none	DNR SNA	recommended
5	Magney-Snively	558322	5171254	forest	MCBS-mapped outstanding & high biodiversity significance northern hardwood forest with rare features	Conservation easement acquisition	1800	none	DNR SNA	recommended; Phase 1 being discussed with landowner
6	Cold Spring Heron Rookery	391663	5035495	floodplain forest	frontage on Sauk River; floodplain forest	Fee title acquisition	40	.41 miles	DNR SNA	acquisition packet being assembled
7	Forestville-Saxifrage Hollow	558301	4830260	forest	algific talus slope, hardwood forest	Fee title acquisition	100	1.14 miles	DNR SNA	3rd party working with landowner
8	Blanket Flower Prairie	254829	5175314	prairie	dry sand-gravel prairie, 3 rare plants, 1 rare butterfly	Reconstruction	14	none	DNR SNA	new acquisition
9	Zumbro Falls Woods	547617	4900507	prairie	dry & mesic oak forest, dry prairie, dry cliff communities, 3 rare plants	Reconstruction	10	NA	DNR SNA	continued restoration of cropland
10	Oronoco Prairie	540517	4887408	prairie	dry prairie, 6 rare plants	Reconstruction	3	none	DNR SNA	continued restoration of cropland
11	Falls Creek	517806	5013729	forest	white pine hardwood forest, 2 rare plants	Reconstruction	5	none	DNR SNA	continued restoration of cropland
12	Franconia Bluffs	523462	5024081	forest	oak forest, 5 state-listed nesting birds	Reconstruction	5	none	DNR SNA	restoration cropland
13	Rock Ridge Prairie	334342	4884630	prairie	dry bedrock prairie, 1 rare plant	Reconstruction	10	none	DNR SNA	continued restoration of cropland
10										

**NOTES:**

**Attachment A: Budget Detail for M.L. 2011 (FY 2012-13) Environment and Natural Resources Trust Fund Projects**

**Project Title: Scientific and Natural Area Acquisition and Restoration**

**Legal Citation:** Fill in your project's legal citation from the appropriation language

**Project Manager:** Margaret (Peggy) Booth

**M.L. 2011 (FY 2012-13) ENRTF Appropriation:** \$ 1,640,000

**Project Length and Completion Date:** planned for 2 years through June 30, 2013; appropriation is through June 20, 2014

**Date of Update:** June 17, 2011

ENVIRONMENT AND NATURAL RESOURCES TRUST FUND BUDGET	Activity 1 Budget	Amount Spent	Balance	Activity 2 Budget	Amount Spent	Balance	Activity 3 Budget	Amount Spent	Balance	TOTAL BUDGET	TOTAL SPENT	TOTAL BALANCE
<b>BUDGET ITEM</b>	<b>Protection of Sites of Biodiversity Sign.</b>			<b>Native Habitat Restoration &amp; Enhancem't</b>			<b>Citizen-Student Engagement in SNAs</b>					
<b>Personnel (Wages and Benefits)</b>												
Management Coordinator (classified contract & proj. mgmt) (-0.36 FTE; ~20% fringe; part for 1 year & part for 2 yrs)	\$ 5,400		\$ 5,400	\$ 35,100		\$ 35,100	\$ 23,400		\$ 23,400	\$ 63,900	\$ -	\$ 63,900
IT database staff (~0.1 FTE; ~20% fringe; 1 year); unclassified IT web development staff & naturalist coordinator (~.5 FTE; ~2 year)			\$ -	\$ 11,000		\$ 11,000	\$ 55,000		\$ 55,000	\$ 66,000	\$ -	\$ 66,000
Specialists & Technicians (~4.13 FTE classified & unclassified spread across ~ 20 people; ~20% fringe; part for 1 year & part for 2 yrs)	\$ 204,400		\$ 204,400	\$ 127,400		\$ 127,400	\$ 238,000		\$ 238,000	\$ 569,800	\$ -	\$ 569,800
Laborers (classified) & unclassified Seasonal Crews (~1.08 FTE spread across ~ 8 people; ~15% fringe; part of 1 year &			\$ -	\$ 56,400		\$ 56,400			\$ -	\$ 56,400	\$ -	\$ 56,400
<b>Contracts: Professional/technical Contractors</b> (state bid process) for deliverables including: <b>Activity 1b:</b> SNA easement baseline property reports & monitoring (~\$18K); <b>Activity 2e:</b> SNA adaptive management plans (~\$19K); <b>Activity 2f:</b> adaptive management monitoring (~\$27K); and <b>Activity 3</b> volunteer/student events/projects & services (~\$50K)	\$ 18,000		\$ 18,000	\$ 46,000		\$ 46,000	\$ 50,000		\$ 50,000	\$ 114,000	\$ -	\$ 114,000
<b>Service contracts:</b> (CCM or state bid process) for Activity 2 deliverables including 2a native habitat reconstruction (~\$10K), 2b woody encroachment removal & exotics control (~\$80K), 2c prescribed burning (~\$100K); and 2d site development (fences, signs, etc) (~\$8K)			\$ -	\$ 198,000		\$ 198,000			\$ -	\$ 198,000	\$ -	\$ 198,000
<b>Equipment: Activities 1-3: Fleet charges</b> for trucks, cars, & equipment, e.g. mowers, seeders	\$ 1,300		\$ 1,300	\$ 12,400		\$ 12,400	\$ 5,600		\$ 5,600	\$ 19,300	\$ -	\$ 19,300
<b>Tools/Supplies: Activity 1:</b> field work & work session supplies; <b>Activity 2: 2a-2c</b> parts, tools, repair costs & supplies for restoration, enhancement, management plans, & monitoring; <b>2d</b> interpretive displays, signs & posts, fencing, etc <b>Activity 2f:</b> field supplies <b>Activity 3:</b> volunteer and school events supplies (including safety items, handtools, etc)	600		\$ 600	\$ 7,500		\$ 7,500	\$ 7,000		\$ 7,000	\$ 15,100	\$ -	\$ 15,100
<b>Fee Title Acquisition</b>	\$ 450,000		\$ 450,000			\$ -			\$ -	\$ 450,000	\$ -	\$ 450,000
<b>Professional Services for Acquisition</b>	\$ 34,000		\$ 34,000			\$ -			\$ -	\$ 34,000	\$ -	\$ 34,000
<b>Printing</b>	\$ 1,500		\$ 1,500			\$ -	\$ 4,000		\$ 4,000	\$ 5,500	\$ -	\$ 5,500
<b>Travel expenses in Minnesota</b> (mileage, lodging & meals as per state contracts)	\$ 2,300		\$ 2,300	\$ 2,700		\$ 2,700	\$ 2,000		\$ 2,000	\$ 7,000	\$ -	\$ 7,000
<b>Other: database &amp; observation webtool development &amp; support (MIS)</b>	\$ 16,000		\$ 16,000	\$ 10,000		\$ 10,000	\$ 15,000		\$ 15,000	\$ 41,000	\$ -	\$ 41,000
<b>COLUMN TOTAL</b>	<b>\$ 733,500</b>	<b>\$ -</b>	<b>\$ 733,500</b>	<b>\$ 506,500</b>	<b>\$ -</b>	<b>\$ 506,500</b>	<b>\$ 400,000</b>	<b>\$ -</b>	<b>\$ 400,000</b>	<b>\$ 1,640,000</b>	<b>\$ -</b>	<b>\$ 1,640,000</b>

Figure 1:  
State SNA Acquisition & Restoration Priorities  
2011-2012 LCCMR Funding

