

Environment and Natural Resources Trust Fund (ENRTF) 2010 Work Program

Date of Report: January 26, 2010
Date of Next Progress Report: December 1, 2010
Date of Work Program Approval: TBD
Project Completion Date: June 30, 2012

I. PROJECT TITLE: HCP Phase VI Supplemental – Campaign for Conservation (2n-4f)

Project Manager: Rich Johnson
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Location: The Nature Conservancy (TNC) will work in several Habitat Conservation Partnership Project Areas. Restoration work is proposed for 1 – Aspen Parklands, 3/7/8 – Border Prairie Transition Zone, 4 – Central Lakes, 6 – Upper Minnesota River, 10 – Southern Lakes, and 11- Mississippi Bluff Lands. Different activities will be undertaken in each of these areas. Acquisition work may occur in any of the identified project areas. Please see the Campaign for Conservation project map.

Total ENRTF Project Budget:	ENRTF Appropriation	\$ 164,000
	Minus Amount Spent:	\$ <u>0</u>
	Equal Balance:	\$ 164,000

Legal Citation: M.L. 2010, Chap. 362, Sec. 2, Subd. 4f2n/4f

Appropriation Language:

\$1,344,000 is added to Laws 2009, chapter 143, section 2, subdivision 4, paragraph (e), from the trust fund for the acceleration of agency programs and cooperative agreements. Of this appropriation, \$308,000 is to the commissioner of natural resources for agency programs and \$1,036,000 is for agreements as follows: \$425,000 with Ducks Unlimited, Inc.; \$50,000 with National Wild Turkey Federation; \$164,000 with the Nature Conservancy; \$102,000 with Minnesota Land Trust; \$200,000 with the Trust for Public Land; \$45,000 with Friends of Detroit Lakes Wetland Management District; and \$50,000 to the Leech Lake Band of Ojibwe to plan, restore, and acquire fragmented landscape corridors that connect areas of quality habitat to sustain fish, wildlife, and plants. The United States Department of Agriculture Natural Resources Conservation Service is an authorized cooperating partner in the appropriation. Expenditures are limited to the project corridor areas as defined in the work program. Land acquired with this appropriation must be sufficiently improved to meet at least minimum habitat and facility management standards as determined by the commissioner of natural resources. This

appropriation may not be used for the purchase of residential structures, unless expressly approved in the work program. All conservation easements must be perpetual and have a natural resource management plan. Any land acquired in fee title by the commissioner of natural resources with money from this appropriation must be designated as an outdoor recreation unit under Minnesota Statutes, section 86A.07. The commissioner may similarly designate any lands acquired in less than fee title. A list of proposed restorations and fee title and easement acquisitions must be provided as part of the required work program. All funding for conservation easements must include a long-term stewardship plan and funding for monitoring and enforcing the agreement.

II. PROJECT SUMMARY AND RESULTS:

The Conservancy works to “preserve the plants, animals and natural communities that represent the diversity of life on Earth by protecting the lands and waters they need to survive.” TNC uses a rigorous planning process called Conservation by Design to identify large-scale, functional landscapes across the state. These areas, if conserved, protect and preserve high-quality examples of all of Minnesota’s native habitats.

For its Phase VI Supplemental “Campaign for Conservation,” the Conservancy proposes to work with its partners to plan, restore, and acquire quality habitat needed to sustain fish, wildlife, and plants in critical corridors identified by TNC’s and the Habitat Conservation Partnership’s planning processes.

The Conservancy will work with partners to restore 1,416 acres of previously protected habitat using Environmental and Natural Resources Trust Fund (ENRTF) funds. An additional 766 acres will be restored with Other Funds. A total of 2,182 acres will be impacted. Activities such as rotational grazing, prescribed fire and invasive controls will be used to improve degraded habitat in the Northern Tallgrass Prairie and Prairie Forest Border regions of the state.

Through the Campaign for Conservation the Conservancy will acquire 13 acres of habitat with ENRTF funds and an additional 22 acres with Other Funds. A total of 35 acres will be acquired.. These projects will protect and create connections between existing public and private conservation investments, helping to build larger, more sustainable areas of habitat.

The Conservancy will leverage ENRTF investments with a minimum of \$210,000 of Other Funds.

III. PROGRESS SUMMARY AS OF *[insert date of Work Program progress report]*:

IV. OUTLINE OF PROJECT RESULTS:

RESULT/ACTIVITY 1: Restoration

Description:

The Conservancy will restore 1,416 acres of existing Conservancy and public-protected prairie, wetlands, savanna, and forest habitat with ENRTF funds. An additional 766 acres will be restored with Other Funds. A total of 2,182 acres will be improved.

Proposed restoration work includes three projects that continue work started in previous appropriations and one new project. The continuing projects are:

The Southwest Minnesota Rotational Grazing project will restore and enhance 323 acres with ENRTF funds and 74 additional acres with Other Funds. These funds will be used to install fencing, watering, cattle guards, corrals and the associated electrical improvements needed to implement a rotational grazing system. This grazing will maintain and enhance the quality of the native prairie at this site by better mimicking the historical disturbance pattern resulting from bison grazing. This restoration work may result in income from grazing leases on the project lands. The question of how to handle any net income resulting from this project is under discussion between Conservancy and LCCMR staff. This section will be modified upon the completion of those discussions.

The Prairie Forest Border Restoration project will restore and enhance 610 acres with ENRTF funds and 140 acres with Other Funds. These funds will allow the collection and sowing of native seed and use prescribed fire and vegetation control to restore and enhance native prairie, forest and wetlands on Conservancy- and public-protected lands.

The Sand Prairie Restoration project will restore and enhance 22 acres with ENRTF funds and 13 acres with Other Funds of sand prairie on Conservancy-protected lands in the Weaver Dunes area through site preparation, the collection and sowing of native seed, prescribed fire, vegetation control, and gate installation.

The Western Minnesota Invasives Control and Prescribed Fire project is a new initiative. This project will restore and enhance 461 acres with ENRTF funds and 539 acres with Other Funds. These funds will be used to identify areas most impacted by harmful invasive species, determine strategies for treatment, and treat these areas using herbicides, mechanical means and prescribed fire. Prescribed fire will also be used to restore and enhance other native prairie and wetland areas on additional Conservancy-protected lands.

Restoration work will be accomplished by both Conservancy and contract staff. Conservancy staff may include Landscape/Project Managers, Field Stewards, Burn Bosses and seasonal work crews

Work on each of these projects will be guided by ecological restoration plans including a timetable for implementation, identifying long-term maintenance/management needs, and verifying that any plantings originate from sources of native ecotypes in Minnesota, preferably of the local ecotype, using a high diversity of species originating as close to the restoration site as possible. These restoration plans will be completed before any ENRTF funds are expended.

TNC's science staff continually review restoration projects to ensure that the best available science and techniques are being applied.

Summary Budget Information for Result/Activity 1:

ENRTF Budget:	\$ 164,500
Amount Spent:	\$ <u>0</u>
Balance:	\$ 164,500

Deliverable/Outcome	Completion Date	Budget
1. The SW Minnesota Rotational Grazing Project will restore 323 acres with ENRTF funds	June 30, 2012	\$57,000
2. The Prairie Forest Border Restoration Project will restore 610 acres with ENRTF funds	June 30, 2012	\$46,200
3. The Sand Prairie Restoration Project will restore 22 acres with ENRTF funds	June 30, 2012	\$26,250
4. Western Minnesota Invasives Control & Prescribed Fire Project will restore 461 acres with ENRTF funds	June 30, 2012	\$35,050

Result Status as of: All Habitat Conservation Partnership progress summaries will be generated by the Partnership online reporting system. This system provides an accomplishment, expenditure and narrative update to LCCMR for each individual work plan.

Final Report Summary: The final report will be generated by the Partnership online reporting system and will include the project abstract, and detailed accounting of expenditures and accomplishments for individual work plans.

RESULT/ACTIVITY 2: Fee Title Acquisition

Description:

The Conservancy will acquire fee title to 13 acres of habitat with ENRTF funds. An additional 22 acres will be acquired with Other Funds. A total of 35 acres will be acquired.

All acres will be in areas identified as critical in both the Conservancy's and Habitat Conservation Partnership's planning processes. The properties acquired may be retained by the Conservancy or transferred to the MN Department of Natural Resources (DNR) or county government.

As part of the Conservation by Design process, TNC develops Conservation Area Plans (CAP) and Rapid Protection Plans (RPP) for each landscape where we are active. These plans define conservation objectives, management strategies, and areas targeted for action. Using these plans as a guide, the TNC Fields Stewards will prepare a management plan for any properties acquired with these funds.

TNC ensures that funds are available for the continuing management of any acquisition by placing 20% of the fair market value of any purchased property in a dedicated stewardship endowment. This endowment is funded using Other Funds. The income from this endowment provides the resources for approximately 50% of our ongoing land management needs. The remaining 50% of future funding needs is actively raised through private donations and through private and public grants (which may include future applications to the LCCMR).

Summary Budget Information for Result/Activity 2:

ENRTF Budget: \$ 45,500
Amount Spent: \$ 0
Balance: \$ 45,500

Deliverable/Outcome	Completion Date	Budget
1. Acquire 13 acres with ENRTF funds	June 30, 2012	\$45,500

Result Status as of: All Habitat Conservation Partnership progress summaries will be generated by the Partnership online reporting system. This system provides an accomplishment, expenditure and narrative update to LCCMR for each individual work plan.

Final Report Summary: The final report will be generated by the Partnership online reporting system and will include the project abstract, and detailed accounting of expenditures and accomplishments for individual work plans.

V. TOTAL ENRTF PROJECT BUDGET:

Personnel: \$67,930 (salaries and benefits). This includes \$32,880 for 3 seasonal, short-term Preserve Management Assistants (1.35 FTE) working on the Prairie Forest Border Restoration project. It also includes \$35,050 for 3 seasonal, short-term Preserve Management Assistants (1.85 FTE), 1 seasonal, short-term Stewardship Ecologist (0.35 FTE), 1 seasonal, short-term Spring Burn Crew (0.15 FTE), and 1 seasonal, short-term Fall Burn Crew (0.10 FTE) working on the Western Minnesota Invasives Control and Prescribed Fire project. Figures for these seasonal positions include overtime when deemed necessary and approved by supervisors.

Contracts: \$84,750. This work will be done by vendor contractors to be determined. These contracts will be awarded on a competitive basis. This request includes \$51,000 for the ongoing Southwest Minnesota Rotational Grazing project. Possible tasks include the installation of fencing, wells, cattle guards and electrical service. \$26,250 is included for the continuing Sand Prairie Restoration project. Work here may include collecting/sowing native seed, using prescribed fire and herbicides to control competing vegetation, and gate installation. It also includes \$7,500 for the Prairie Forest Border Restoration project. These funds will be used for prescribed fire, brush control and weed removal. We've worked successfully with the Minnesota Conservation Corps on projects such as this in the past and we will seek to work with them again.

Equipment/Tools/Supplies: \$11,820. This includes \$5,820 for the Prairie Forest Border Restoration project. A preliminary, estimated breakdown of these costs includes \$4,000 for fuel and \$1,820 for maintenance supplies/repairs, protective gear/spray equipment, and herbicides. The total also includes \$6,000 for the Southwest Minnesota Rotational Grazing project. A preliminary, estimated breakdown of these costs includes \$2,000 for water tanks, \$2,000 for cattle guards, and \$2,000 for additional supplies for the water system such as pressure tanks, water lines and plumbing fixtures. The

detailed breakdowns provided above are preliminary and are only for planning purposes. The final actual expenditures within the Equipment/Tools/Supplies line item may vary from these specific estimates.

Acquisition (Fee Title or Permanent Easements): \$45,500 (13 acres to be acquired with ENRTF funding, to be held by TNC, DNR or county government).

Travel: NA

Additional Budget Items: NA

TOTAL ENRTF PROJECT BUDGET: \$210,000

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

VI. PROJECT STRATEGY:

A. Project Partners: TNC is part of the Habitat Conservation Partnership Phase VI Supplemental work program. Please see main work program for complete partner list.

B. Project Impact and Long-term Strategy: Founded in 1958, the Minnesota Chapter of The Nature Conservancy is the largest non-government conservation organization in the state and the only one dedicated specifically to the conservation of biological diversity. TNC currently has 23,000 members and owns and manages over 70,000 acres of grassland, forest and freshwater habitat in Minnesota. Working with our partners, we have helped to protect almost 300,000 additional acres.

TNC's Conservation by Design and Conservation Area Planning processes focus these efforts in the areas most important for preserving diversity. They also guide the long-term restoration and management of the lands where we work. The Minnesota chapter recently completed a ten-year strategic plan. This plan called for acceleration in the work already underway in these critical areas.

LCCMR's six-year strategic plan, adopted in January, 2009, calls for us to work together to, "...preserve, protect, restore and enhance both the bountiful and the threatened natural resources that are the collective heritage of every Minnesotan."

This work program will help achieve the goals of both the Conservancy and the LCCMR. ENRTF and Other Funds will allow us to maintain and enhance the quality of the natural habitat on 2,182 acres of currently protected land and build on restoration work initiated in earlier appropriations. ENRTF and Other Funds will permanently protect another 35 acres in areas of high quality habitat located in key locations within the designated project areas.

TNC's proven ability to raise funds from private individuals and foundations ensure that the work accomplished with ENRTF funds can be leveraged to accomplish even more. In addition, our dedicated stewardship endowment provides for the long-term care of the lands acquired and restored with ENRTF funding.

C. Other Funds Proposed to be Spent during the Project Period:

The Conservancy will leverage ENRTF investments with a minimum of \$210,000 of Other Funds. The sources for these funds will be private contributions and other, non-state public funding raised by the Conservancy. Projected uses for these funds include: 1) Additional salary, benefits, and supply expenses for restoration projects, 2) Paying the remaining portion of the purchase price, transaction costs, and staff time for acquisitions, 3) Funding initial stewardship costs and establishing an endowment for future management of acquisitions, and 4) Paying unrecovered direct costs of both restoration and acquisition projects. For additional information, see the spreadsheet titled, 'Other Funds Detail for 2010 Projects'.

D. Spending History:

This proposal includes funding for three projects receiving ENRTF dollars in previous appropriations. The funding for the Southwest Minnesota Rotational Grazing project will complete the improvements started with \$20,000 in funding provided in M.L.2008, Subd. 3(c)2n and \$30,000 appropriated in M.L. 2009, Chap 143, Sec 2, Subd. 4. The Prairie Forest Border Restoration project received \$7,900 in M.L.2008, Subd. 3(c)2n and \$41,624 in M.L. 2009, Chap 143, Sec 2, Subd. 4. The Sand Prairie Restoration project received \$47,884 in M.L. 2009, Chap 143, Sec 2, Subd. 4.

VII. DISSEMINATION:

Accomplishment Reports and press releases will be made available at <http://www.mnhabitatcorridors.org>.

VIII. REPORTING REQUIREMENTS: Periodic work program progress reports will be submitted not later than December 1, 2010, June 30, 2011, and December 1, 2011. A final work program report and associated products will be submitted between June 30 and August 1, 2012 as requested by the LCCMR. All reports will be generated using the Habitat Conservation Partnership online reporting system.

IX. RESEARCH PROJECTS:

NA

Result 1 - Restoration /Management - Potential Project List*
Minnesota's Habitat Conservation Partnership
Campaign for Conservation
Last Updated: December 18, 2009

<i>Project Name</i> <i>Project Location(s)</i>	<i>Project Description</i>	<i>County</i>	<i>Phase VI Proj. Area</i>	<i>Total Cost (Estimated)</i>	<i>Total Acres (Estimated)</i>
SW Minnesota Rotational Grazing	Use rotational grazing and patch-burning techniques to restore disturbance conditions on native prairie by installing fences and associated electricity, gates & watering systems.	Swift, Chippewa	6	\$70,110	397
Chippewa Prairie Preserve		Swift, Chippewa T119N R43W S12	6		397
Prairie Forest Border Restoration	Restore/enhance native prairie, forest and wetlands through collecting/sowing native seed, prescribed fire, and control of competing vegetation.	Multiple	4,7,10,11	\$56,826	750
Weaver Dunes Preserve		Wabasha T109N R9W S7	11		100
Lake Alexander Preserve		Morrison T131N R30W S6	4		150
Paul Bunyan Savanna		Crow Wing T133N R28W S5	4		50
Ordway Prairie Preserve		Stearns T123N R36W S30	7		100
Regal Meadow Preserve		Pope T122N R33W S16	7		30
Sheepberry Fen		Pope T123N R37W S27	7		100
Ottawa Bluffs Preserve		LeSueur T110N R26W S3	10		20
Camp Ripley Military Reservation		Morrison T132N R30W S27	4		150
Kellogg-Weaver Dunes SNA		Wabasha T109N R9W S6	11		25
McCarthy Lake WMA		Wabasha T109N R10W S12	11		25
Sand Prairie Restoration	Restore converted land to sand prairie through site preparation, collecting/sowing native seed, prescribed fire, and vegetation control.		4,7,10,11	\$43,973	35
Weaver Dunes Preserve			11		35
Western Minnesota Invasives Control & Prescribed Fire	Identify areas with critical invasive species issues, treat using herbicides, mechanical means & prescribed fire. Restore/enhance native prairie on additional lands with prescribed fire.	Multiple	1,3,7,8	\$76,050	1,000
Anna Gronseth Prairie		Wilkin T134N R45W S9	3		110
Blazing Star Prairie SNA		Clay T141N R45W S5	3		15
Bluestem Prairie SNA		Clay T139N R46W S22	3		480
Margherita Preserve - Audubon Prairie		Clay T139N R45W S32	3		40
Pankratz Memorial Prairie		Polk T149N R45W S17	1		80
Pembina Trail Preserve SNA		Polk T149N R45W S36	1		140
R & M Rice Elliott SNA		Wilkin T136N R45W S17	3		40
Seven Sisters Prairie		Otter Tail T131N R40W S32	3		10
Staffanson Prairie		Douglas T127N R40W S7	3		10
Strandness Prairie		Pope T125N R38W S6	3/7/8		5
Town Hall Prairie		Wilkin T134N R45W S15	3		25
Twin Valley Prairie SNA		Norman T143N R45W S23	3		40
Zimmerman Prairie		Becker T142N R43W S16	3/7/8		5
TOTAL GOAL			1,3,4,6,7,8,10,11	\$246,959	2,182

*Please note that these are a list of potential projects. More projects are listed than budget allocated in order to plan for the possibility that some projects may not come to fruition. Therefore, the total acreage included in the above list exceeds the total acres to be restored pursuant to this grant. In addition, additional projects that meet the strategic objectives of the Partnership may be added via submission of a project list amendment.

Total Cost and Total Acres include ETF as well as Other Funds dollars and acres.

Result 2 - Fee Title Acquisition - Potential Project List*
Minnesota's Habitat Conservation Partnership
Campaign for Conservation
Last Updated: February 2, 2010

Project Name <i>Project Location(s)</i>	Project Description	County	Phase VI Proj. Area	Total Cost (Estimated)	Total Acres (Estimated)
Fee Title Acquisition	Acquire fee title interest in lands with critical habitat and hold or transfer to public agency.			\$173,600	35
Brainerd Lakes Aquatic Portfolio	This private parcel is embedded in a matrix of County and State land. The association of four portfolio lakes with this tract, the amount of shoreline included, and the matrix of publicly-held lands in the area all contributed to the prioritization of this tract. Based on The Nature Conservancy's Lakes Classification System for MN, the following aquatic portfolio lake targets will receive protection from this transaction: significant drainage to a Large, deep lake, 100% of the shoreline of one and 47% of the shoreline of another Medium to small, deep lakes; and 61% of the shoreline of a Small, littoral lake. Combined with adjacent public ownership, this would provide protection for at least 60% of the shoreline for these three lakes, an indicator of success identified in the Conservancy's Brainerd Lakes Aquatic Conservation Action Plan. TNC's current strategy for this project is for DNR's SNA program or Crow Wing County to be the eventual owner of this property. Both parties have expressed potential interest in this tract. A commitment would be secured from any long-term holder before the purchase was completed.	Crow Wing T44N R28W	4	TBD	319
Brainerd Lakes River Conservation	This private parcel is embedded in a matrix of County and State land. The association of three portfolio lakes with this tract, the amount of shoreline included, and the matrix of publicly-held lands in the area all contributed to the prioritization of this tract. These lakes were identified as priorities in The Nature Conservancy's Lakes Classification System for MN. Protection of this parcel would protect the entire shoreline of one of these lakes and parts of the shoreline for 2 additional lakes. TNC's current strategy for this project is for DNR's SNA program or Crow Wing County to be the eventual owner of this property. Both parties have expressed potential interest in this tract. A commitment would be secured from any long-term holder before the purchase was completed.	Crow Wing T44 R28W	4	TBD	269
Lakes & Forests	This tract is an important in-holding within an existing Conservancy Preserve. Acquisition of this tract would fill a significant gap in TNC ownership, further protect the forested wetland systems on this site and the Preserve, and simplify implementation of prescribed fire activities on the Preserve. Protected targets include dry-mesic pine, hardwood forests on hummocky glacial moraines, and dry-mesic hardwood or hardwood conifer with a dominant red oak canopy on stagnation moraines. Nested targets include gray wolves and red-shouldered hawks. TNC's current strategy for this project is to manage this property as part of an existing TNC preserve.	Morrison T131N R30W	4	TBD	116
Ordway/Glacial Lakes Inholding I	This tract is one of a few remaining in-holdings in an existing Conservancy Preserve. The protected area includes mesic hardwood systems (MHs38, as classified by the Field Guide to Native Plant Communities in Minnesota). TNC's current strategy for this project is to manage this property as part of an existing TNC preserve.	Kandiyohi T122N R36W	7	TBD	10
Ordway/Glacial Lakes Inholding II	This tract adjoins an existing TNC preserve and includes 4300' of shoreline on two lakes identified as high priorities in The Nature Conservancy's Lakes Classification System for MN. The property also includes mesic hardwood systems (MHs38, as classified by the Field Guide to Native Plant Communities in Minnesota). Nested targets include red-shouldered hawks. TNC's current strategy for this project is to manage this property as part of an existing TNC preserve.	Kandiyohi T122N R36W	7	TBD	25
Ordway/Glacial Lakes Preserve Addition	This tract includes a MN County Biological Survey area of outstanding biological significance. Protecting this property would help retain the natural recapture zones that feed the surface water-driven wetlands and filter and regulate the surface water entering the Crow River. Conservancy ownership and management will also help head off new invasive species infestations in or near our preserve and allow the property to be restored to native vegetation. Protected communities include: surface water-driven wetlands (willow-dogwood shrub swamp), ground water seepage wetlands (sedge meadow), and fire dependent prairie/wetland system (mesic prairie (southern)). TNC's current strategy for this project is to manage this property as part of an existing TNC preserve.	Kandiyohi T122N R33W	7	TBD	40
Weaver Dunes Preserve Addition	This tract includes an area of sand prairie identified by the MN County Biological Survey as having outstanding biological significance. It also adjoins a large area of Conservancy- and state-protected land. Protecting this property would contribute to the health of this larger community by increasing the total area and reducing the amount of edge. TNC's current strategy for this project is to manage this property as part of an existing TNC preserve.	Wabasha T109N R9W	9	TBD	30
TOTAL GOAL			4,7	\$173,600	35

The acres for individual parcels exceed the total goal shown above. See note at left.

*Please note that these are a list of potential projects -- completion of these acquisitions is dependent on successful negotiation with the landowners and availability of funding. More projects are listed than budget allocated in order to plan for the possibility that some projects may not come to fruition. Therefore, the total acreage included in the above list exceeds the total acres to be acquired pursuant to this grant. In addition, additional projects that meet the strategic objectives of the Partnership may be added via submission of a project list amendment.

Total Cost and Total Acres include ETF as well as Other Funds dollars and acres.

Attachment A: Budget Detail for 2010 Projects								
Project Title: Campaign for Conservation - 2n-4f, Minnesota's Habitat Conservation Partnership								
Project Manager Name: Rich Johnson								
Trust Fund Appropriation: \$210,000								
1) See list of non-eligible expenses, do not include any of these items in your budget sheet								
2) Remove any budget item lines not applicable								
2010 Trust Fund Budget	Result 1 Budget:	Amount Spent (date)	Balance (date)	Result 2 Budget:	Amount Spent (date)	Balance (date)	TOTAL BUDGET	TOTAL BALANCE
	Restoration			Fee Title Acquisition				
BUDGET ITEM								
PERSONNEL: Wages and Benefits	67,930	0	67,930	0	0	0	67,930	67,930
Result 1 - This item includes work on two projects: \$32,880 for 3 seasonal, short-term Preserve Management Assistants (1.35 FTE) working on the Prairie Forest Border Restoration project; and \$35,050 for 3 seasonal, short-term Preserve Management Assistants (1.85 FTE), 1 seasonal, short-term Stewardship Ecologist (0.35 FTE), 1 seasonal, short-term Spring Burn Crew (0.15 FTE); 1 seasonal, short-term Fall Burn Crew (0.10 FTE) working on the Western Minnesota Invasives Control and Prescribed Fire project. These figures include overtime when deemed necessary and approved by supervisors.								
Contracts								
Professional/Technical	84,750	0	84,750	0	0	0	84,750	84,750
Result 1 - This work will be done by vendor contractors TBD. \$51,000 is for work on the Southwest Minnesota Rotational Grazing project that may include installing fencing, wells, cattle guards and electrical service. \$26,250 is for work on the Sand Prairie Restoration project and may include collecting and sowing native seed, using prescribed fire and herbicides to control competing vegetation, and gate installation. The remaining \$7,500 is for work on the Prairie Forest Border Restoration project and may include prescribed fire, brush control and weed removal.								
Non-Capital Equipment / Tools	11,820	0	11,820	0	0	0	11,820	11,820
Result 1 - This includes \$5,820 for the Prairie Forest Border Restoration project. Estimated costs include \$4000 for fuel, and \$1,820 for maintenance supplies/repairs, protective gear/spray equipment, and herbicides. This budget line also includes \$6,000 for the Southwest Minnesota Rotational Grazing project. This includes \$2,000 for water tanks, \$2,000 for cattle guards, and \$2,000 for additional supplies for the water system such as pressure tanks, water lines and plumbing fixtures. The detailed breakdowns provided above are preliminary and are only for planning purposes. The final allocation within each project is subject to change.								
Land Acquisition	0	0	0	45,500	0	45,500	45,500	45,500
COLUMN TOTAL	\$164,500	\$0	\$164,500	\$45,500	\$0	\$45,500	\$210,000	\$210,000