

2009 Project Abstract

For the Period Ending June 30, 2011

PROJECT TITLE: Set Out Seedlings/ Bluffland Restoration

PROJECT MANAGER: Rick Horton (formerly Dave Neu)

AFFILIATION: National Wild Turkey Federation

MAILING ADDRESS: 37305 Deer Lake Way

CITY/STATE/ZIP: Grand Rapids, MN 55744

PHONE: 218-326-8800

E-MAIL: rhorton@nwtf.net

WEBSITE: www.nwtf.org

FUNDING SOURCE: Environment and Natural Resources Trust Fund

LEGAL CITATION: ML 2009, Chapter 143, Section 2, Subd. 4(e), para. 2i

APPROPRIATION AMOUNT: \$85,000

Overall Project Outcome and Results

This project contained two types of habitat enhancement that resulted in the enhancement of a total of 72 acres of habitat.

In Habitat Corridor Area 11 in southeastern Minnesota, we contracted to have invasive eastern red cedar and buckthorn removed and controlled on south-facing blufftops on 60.75 acres of private land (5 parcels). These "goat prairies" were historically maintained by wind, freeze/thaw cycles, thin soils, and frequent wildfires. Fire suppression has allowed trees, shrubs, and exotic species to encroach upon the prairies. The contractor hand cut, piled, and burned trees and shrubs, and treated invasive species to ensure they would not resprout. This project enhanced prairie and outcrop habitat for state-threatened timber rattlesnakes, as well as three other at-risk snake species and numerous at-risk plant species found in this unique habitat. The resulting open grasslands will also be used as nesting and brood-rearing habitat for wild turkeys and other birds. Participating landowners have signed a 10-year maintenance agreement. Project cost was \$67,259.50.

In Habitat Corridor 9, we purchased seedlings to plant 150 bur oak, 150 black walnut, and 175 hackberry trees on 11 acres on the Talcot Lake WMA. These trees were protected from herbivory by tree shelters and weed mats. In addition, we purchased 475 seedlings of each of the following fruiting shrubs – chokecherry, red osier dogwood, elderberry, and American plum. All seedlings were planted by DNR staff. This project restored oak savanna and lowland hardwood forest to provide roosting sites for wild turkeys along southwestern Minnesota river corridors, and provided natural winter food resources by planting fruit-bearing shrubs. Project cost was \$7,070.23. We had hoped to accomplish more tree planting, but a staff change near the end of the project prevented us from finding a suitable location and order materials before the project deadline.

Project Results Use and Dissemination

Our intention is to make NWTF Chapters and volunteers aware of the accomplishments of this Environmental Trust Fund project by posting an article on our website and Facebook page. In addition, we plan to release a press statement announcing the completion of the project to the general public.

LCCMR Work Program Final Report
Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase 6
Habitat Conservation Partnership

2I:Set Out Seedlings/Bluffland Restoration - NWTF

Project Manager:	Rick Horton	Fund: Environment and Natural Resources Trust Fund
Affiliation:	NWTF	
Address:	37305 Deer Lk Way Grand Rapids, MN 55744	Legal Citation: ML 2009, Chapter 143, Section 2, Subd. 4(e)
Phone:	2183268800	
Fax:		
E-mail:	rickhorton	

Total Biennial Project Budget

Result	ENTF Allocation	ENTF Funds Spent	ENTF Balance	Other Funds Proposed	Other Funds Spent
Restoration	\$85,000	\$74,330	\$10,670	\$73,000	\$0
Total	\$85,000	\$74,330	\$10,670	\$73,000	\$0

Work Program Summary

Overall Project Outcome and Results

This project contained two types of habitat enhancement. In Habitat Corridor Area 11 in southeastern Minnesota, we contracted to have invasive eastern red cedar and buckthorn removed from south-facing bluffs on 60.75 acres of private land (5 parcels). These "goat prairies" were historically maintained by frequent wildfires, but fire suppression allowed for tree encroachment. This work enhanced prairie and outcrop habitat for state-threatened timber rattlesnakes, as well as three other at-risk snake species and numerous at-risk plant species found in this unique habitat. The resulting open grasslands will also be used as nesting and brood-rearing habitat for wild turkeys and other birds. Participating landowners have signed a 10-year maintenance agreement. Project cost was \$67,259.50.

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Project Results Use and Dissemination

Due to the staff transition, I am unaware of what outreach my predecessor accomplished on this project. My intention is to make NWTF Chapters and volunteers aware of the accomplishments of this Environmental Trust Fund project by posting an article on our website and Facebook page. In addition, I plan to release a press statement announcing the completion of the project to the general public.

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2I:Set Out Seedlings/Bluffland Restoration - NWTF

Restoration Activities

Project Area - 9 - Des Moines River Valley

Project Name:	Talcot Lake WMA Township: 105, Range: 38, Section: 24				
Activity:	Woodland Restoration				
Landtype:	Public - WMA				
Description:	Eleven acres of native trees were planted on Talcot Lake WMA. Tree tubes, stakes, and weed mats were utilized to enhance this planting.				
<i>Funding Type</i>	<i>Funds Use</i>	<i>Funding Amount</i>	<i>Prorated Acres</i>	<i>Prorated Shoreline</i>	<i>Prorated Trees Planted</i>
ENTF	Restoration	\$5,170.23	11.00	0.00	

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2I:Set Out Seedlings/Bluffland Restoration - NWTf

Project Area - 11 - Mississippi Bluff Lands

Project Name: Laschenski Tract: 2 Township: 103, Range: 7, Section: 35 Activity: Grassland Enhancement Landtype: Private - Land Description: will be updated					
<i>Funding Type</i>	<i>Funds Use</i>	<i>Funding Amount</i>	<i>Prorated Acres</i>	<i>Prorated Shoreline</i>	<i>Prorated Trees Planted</i>
ENTF	Restoration	\$19,110.00	21.00	0.00	
Project Name: Knutson Tract: 1 Township: 103, Range: 7, Section: 31 Activity: Grassland Enhancement Landtype: Private - Land Description: will be updated					
<i>Funding Type</i>	<i>Funds Use</i>	<i>Funding Amount</i>	<i>Prorated Acres</i>	<i>Prorated Shoreline</i>	<i>Prorated Trees Planted</i>
ENTF	Restoration	\$11,042.00	14.00	0.00	
Project Name: Frauenkron Tract: 1 Township: 104, Range: 6, Section: 21 Activity: Grassland Enhancement Landtype: Private - Land Description: will be updated					
<i>Funding Type</i>	<i>Funds Use</i>	<i>Funding Amount</i>	<i>Prorated Acres</i>	<i>Prorated Shoreline</i>	<i>Prorated Trees Planted</i>
ENTF	Restoration	\$13,837.50	10.25	0.00	
Project Name: Ferris Tract: 1 Township: 103, Range: 7, Section: 32 Activity: Grassland Enhancement Landtype: Private - Land Description: will be updated					
<i>Funding Type</i>	<i>Funds Use</i>	<i>Funding Amount</i>	<i>Prorated Acres</i>	<i>Prorated Shoreline</i>	<i>Prorated Trees Planted</i>
ENTF	Restoration	\$9,715.00	9.25	0.00	
Project Name: Peters Tract: 1 Township: 105, Range: 5, Section: 33 Activity: Grassland Enhancement Landtype: Private - Land Description: will be updated					
<i>Funding Type</i>	<i>Funds Use</i>	<i>Funding Amount</i>	<i>Prorated Acres</i>	<i>Prorated Shoreline</i>	<i>Prorated Trees Planted</i>
ENTF	Restoration	\$6,555.00	6.25	0.00	

Restoration Project Totals (By Funding Type)

Funding Type	Funding Amount	Acres	Shoreline Feet	# Trees Planted
ENTF:	\$65,429.73	71.75	0.00	
Total:	\$65,429.73	71.75	0.00	

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2I:Set Out Seedlings/Bluffland Restoration - N WTF

Work Program Expenditures - Not Attributable to Specific Projects

<i>FundingType</i>	<i>Category</i>	<i>Amount</i>	<i>Description</i>
ENTF	Personnel Expenditures	\$850.00	Staff time working on Result 2 while attempting to locate an appropriate tree planting project site, plan a project, amend the Workplan, and bid materials. Unfortunately we could not pull together a successful project due to staff transition and short dealine before the project expired.
ENTF	Personnel Expenditures	\$7,000.00	Staff time while administering projects under Result 1. This included selecting sites, developing bid specifications, soliciting and reviewing bids, selecting contractors, visiting sites, filing reports and processing invoices.
ENTF	Personnel Expenditures	\$1,050.00	Staff time administering project under Result 2. This involved selecting planting sites, ordering materials, filing reports, processing invoices and visiting site.
Total:		\$8,900.00	

Work Program Expenditures (Not Attributable to Specific Projects) By Funding Type

Funding Type	Amount
ENTF	\$8,900.00
Total	\$8,900.00

Work Program Expenditures Breakdown

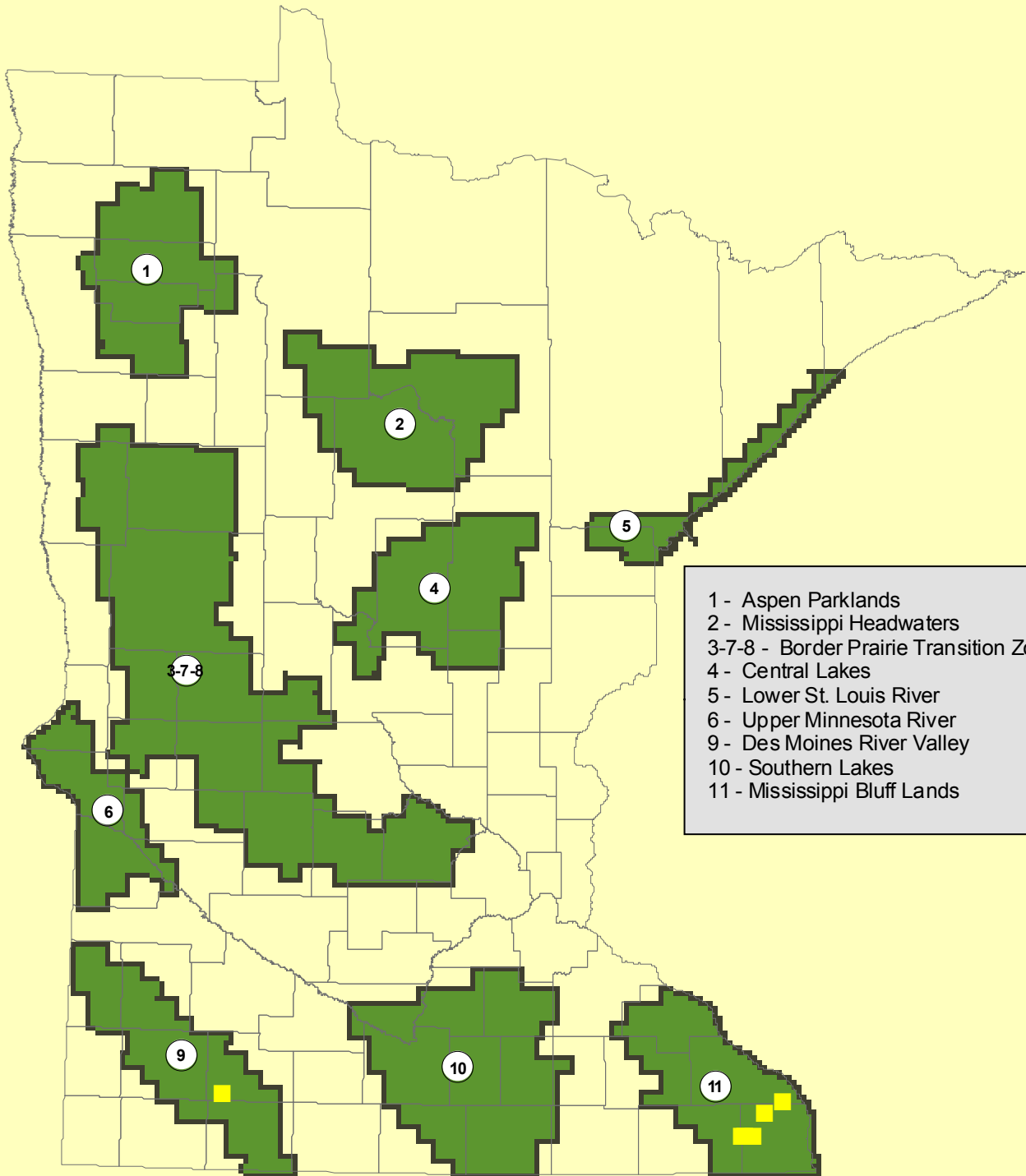
Funding Type:	Restoration Projects	Not Attributable to Specific Projects	Total
ENTF	\$65,429.73	\$8,900.00	\$74,329.73
State Funds	\$0.00	\$0.00	\$0.00
Total	\$65,429.73	\$8,900.00	\$74,329.73

Funding Type Definitions

ENTF:	Grant dollars provided through the Minnesota Environment and Natural Resources Trust Fund
Other Funds:	Non-state, non-state leveraged dollars (if partner funds are leveraging State Funds (e.g. RIM) they are not eligible to be considered Other Funds)
State Funds:	State Funds expended on HCP projects (not eligible for use as Other Funds commitment)
Partner's State Leveraged Funds:	Non State Funds that have leveraged State Funds as part of an HCP project (not eligible for use as Other Funds commitment)
Other:	Any other expenditures (e.g. grant income funds)

Habitat Conservation Partnership Set Out Seedlings/Bluffland Restoration

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- 1 - Aspen Parklands
- 2 - Mississippi Headwaters
- 3-7-8 - Border Prairie Transition Zone
- 4 - Central Lakes
- 5 - Lower St. Louis River
- 6 - Upper Minnesota River
- 9 - Des Moines River Valley
- 10 - Southern Lakes
- 11 - Mississippi Bluff Lands

- Restorations
- Easements
- Acquisitions

Attachment A: Budget Detail for 2009 Projects - Summary and a Budget page for each partner									
Project Title: Bluffland Restoration and Set Out Seedlings - 2i									
Minnesota's Habitat Conservation Partnership (VI)									
Project Manager Name: Rick Horton - NWTf Regional Biologist									
Trust Fund Appropriation: \$ 85,000									
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									
2008 Trust Fund Budget	Result 1 Budget:	Amount Spent (June 30, 2011)	Balance (June 30, 2011)	TOTAL BUDGET	Result 2 Budget:	Amount Spent (June 30, 2011)	Balance (June 30, 2011)	TOTAL BUDGET	TOTAL BALANCE
	Restore up to 120 acres of bluffland habitat				Direct seed and plant seedlings on up to 60 acres				
BUDGET ITEM			0				0		
PERSONNEL: wages and benefits and travel	7,000	7,000	0	7,000	2,000	1,900	100	2,000	100
Contracts			0				0		
Professional/technical (with whom?, for what?)	63,000	60,260	2,741	63,000			0		2,741
Other land improvement (seedlings, stakes, mats, tubes)		0			13,000	5,170	7,830	13,000	7,830
Other (Describe the activity and cost) be specific			0				0		

