

## **2008 Project Abstract**

For the Period Ending June 30, 2010

**PROJECT TITLE:** 2i Set Out Seedlings

**PROJECT MANAGER:** Dave Neu

**AFFILIATION:** National Wild Turkey Federation

**MAILING ADDRESS:** PO Box 83

**CITY/STATE/ZIP:** De Pere, WI 54115

**PHONE:** (920) 427-2335

**E-MAIL:** dneu@nwtf.net

**WEBSITE:** www.nwtf.org

**FUNDING SOURCE:** Environment and Natural Resources Trust Fund

**LEGAL CITATION:** ML 2008 First Special Section, Ch.

367, Sec. 2 Subd. 3(c).

**APPROPRIATION AMOUNT:** \$15,000

### **Overall Project Outcome and Results**

NWTF and DNR planted 4,675 seedlings of oaks, other hardwoods and native shrubs on 23 acres of public land on Beaver Creek, Talcot Lake and Clear Lake WMAs within Area 9 of the HCP corridors. The number of acres completed was less than originally planned due to the use of tree tubes, stakes, and weed mats for the projects which occurred on state lands. DNR ordered the trees, tree tubes, stakes, weed mats and stakes.

Tree and shrub plantings greatly increase the ability of the wild turkey to survive severe Minnesota winters. Research has shown the wild turkey can withstand temperatures in excess of 40 degrees below zero for up to two weeks. However, the limiting factor could be the availability of natural food sources, such as the ones that provided by the tree and shrub plantings proposed by this program. Location of fruit and berry shrub plantings will be coordinated, if possible, with known wintering and roost sites of wild turkey. The goal of the program is to help the populations of wild turkey to survive the winter in greater numbers to create more opportunity for Minnesota sportsmen/women to pursue, observe, and experience the gobble of the wild turkey in the spring.

Through the work of NWTF's local chapters, natural food cover will be planted on public lands; thereby, complementing public investments in habitat for wildlife and native plant communities. In addition, these natural food sources will help facilitate wildlife population sustainability during the winter month. Through the use of our private volunteers working with the public entities to plant these winter food sources, this project will engage a segment of Minnesota sportsmen interested in wild turkey habitat and conservation.

Scientists believe there may be many more adverse consequences of artificial feeding than there are instances where it might be beneficial. Therefore, a more innovative approach, as this project provides, is to model nature as a tool to solving the natural resource issue associated with winter wildlife feeding. This project provides a demonstrated measurable outcome of planting seedlings and direct seeding of oaks on 23 acres. This project also has statewide applicability and the natural food source will ensure a long-term beneficial impact to wildlife.

SOS relies on local NWTF chapters and private landowners for management and stewardship of sites planted on private land through the Set Out Seedlings program.

**Project Results Use and Dissemination**

Accomplishment Reports and press releases will be made available at <http://www.mnhabitatcorridors.org>, as well as through NWTf publications.

**LCCMR Work Program Final Report**  
**Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase 5**  
**Habitat Conservation Partnership**

**2I:Set Out Seedlings - National Wild Turkey Federation**

**Project Manager:** Dave Neu **Fund:** Environment and Natural Resources Trust Fund  
**Affiliation:** National Wild Turkey Federation  
**Address:** 265 Lorrie Way  
 De Pere, WI 54115 **Legal Citation:** ML 2008 First Special Section, Ch. 367, Sec. 2 Subd. 3(c).  
**Phone:** (920)347-0312  
**Fax:** (920)427-2335  
**E-mail:** neunwtf@sbcglobal.net

**Total Biennial Project Budget**

Result	ENTF Allocation	ENTF Funds Spent	ENTF Balance	Other Funds Proposed	Other Funds Spent
Restoration	\$15,000	\$12,833	\$2,167	\$18,000	\$0
<b>Total</b>	<b>\$15,000</b>	<b>\$12,833</b>	<b>\$2,167</b>	<b>\$18,000</b>	<b>\$0</b>

**Work Program Summary**

**Overall Project Outcome and Results**

NWTF and DNR planted 4,675 seedlings of oaks, other hardwoods and native shrubs on 23 acres of public land on Beaver Creek, Talcot Lake and Clear Lake WMAs within Area 9 of the HCP corridors. The number of acres completed was less than originally planned due to the use of tree tubes, stakes, and weed mats for the projects which occurred on state lands. DNR ordered the trees, tree tubes, stakes, weed mats and stakes.

Tree and shrub plantings greatly increase the ability of the wild turkey to survive severe Minnesota winters. Research has shown the wild turkey can withstand temperatures in excess of 40 degrees below zero for up to two weeks. However, the limiting factor could be the availability of natural food sources, such as the ones that provided by the tree and shrub plantings proposed by this program. Location of fruit and berry shrub plantings will be coordinated, if possible, with known wintering and roost sites of wild turkey. The goal of the program is to help the populations of wild turkey to survive the winter in greater numbers to create more opportunity for Minnesota sportsmen/women to pursue, observe, and experience the gobble of the wild turkey in the spring.

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Scientists believe there may be many more adverse consequences of artificial feeding than there are instances where it might be beneficial. Therefore, a more innovative approach, as this proposal will provide, is to model nature as a tool to solving the natural resource issue associated with winter wildlife feeding. This project will also have statewide applicability and the natural food source will ensure a long-term beneficial impact to wildlife.

SOS relies on local NWTF chapters and private landowners for management and stewardship of sites planted on private land through the Set Out Seedlings program. Set Out Seedlings(private land) does not currently have a landowner agreement.

**Project Results Use and Dissemination**

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

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**Restoration Activities**

Project Area - 9 - Des Moines River Valley

<b>Project Name:</b>	Beaver Creek WMA
<b>Tract:</b>	1 Township: 107, Range: 41, Section: 24
<b>Activity:</b>	Woodland Restoration
<b>Landtype:</b>	Public - WMA
<b>Description:</b>	Five acres were planted with bur oaks on two site withing beaver Creek WMA in spring 2009. These sites will connect existing riparian woodlands along the creek.

Funding Type	Funds Use	Funding Amount	Prorated Acres	Prorated Shoreline	Prorated Trees Planted
ENTF	Restoration	\$2,357.37	5.00	0.00	

<b>Project Name:</b>	Talcot Lake WMA
<b>Tract:</b>	1 Township: 105, Range: 38, Section: 19
<b>Activity:</b>	Woodland Restoration
<b>Landtype:</b>	Public - WMA
<b>Description:</b>	Eight acres were planted to oaks, hardwood and native shrubs on Talcot Lake WMA in Murray and Cottonwood Counties in spring 2009. This planting enlarges an existing woodlot, creating additional wildlife habitat.

Funding Type	Funds Use	Funding Amount	Prorated Acres	Prorated Shoreline	Prorated Trees Planted
ENTF	Restoration	\$3,766.96	8.00	0.00	

<b>Project Name:</b>	Clear Lake WMA
<b>Tract:</b>	1 Township: 105, Range: 38, Section: 33
<b>Activity:</b>	Woodland Restoration
<b>Landtype:</b>	Public - WMA
<b>Description:</b>	Ten acres of oaks, other hardwoods and native shrubs were planted on the Clear Lake WMA in Cottonwood County in the spring of 2009. This planting provides much needed woody cover near the lake.

Funding Type	Funds Use	Funding Amount	Prorated Acres	Prorated Shoreline	Prorated Trees Planted
ENTF	Restoration	\$4,708.70	10.00	0.00	

**Restoration Project Totals (By Funding Type)**

Funding Type	Funding Amount	Acres	Shoreline Feet	# Trees Planted
ENTF:	\$10,833.03	23.00	0.00	
<b>Total:</b>	<b>\$10,833.03</b>	<b>23.00</b>	<b>0.00</b>	

**LCCMR Work Program Final Report**  
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**Work Program Expenditures - Not Attributable to Specific Projects**

<i>FundingType</i>	<i>Category</i>	<i>Amount</i>	<i>Description</i>
ENTF	Personnel Expenditures	\$2,000.00	Hours and expenses for NWTF Regional Wildlife Biologist
<b>Total:</b>		<b>\$2,000.00</b>	

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

<b>Funding Type</b>	<b>Amount</b>
ENTF	\$2,000.00
<b>Total</b>	<b>\$2,000.00</b>

**Work Program Expenditures Breakdown**

<b>Funding Type:</b>	<b>Restoration Projects</b>	<b>Not Attributable to Specific Projects</b>	<b>Total</b>
ENTF	\$10,833.03	\$2,000.00	\$12,833.03
State Funds	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$10,833.03</b>	<b>\$2,000.00</b>	<b>\$12,833.03</b>

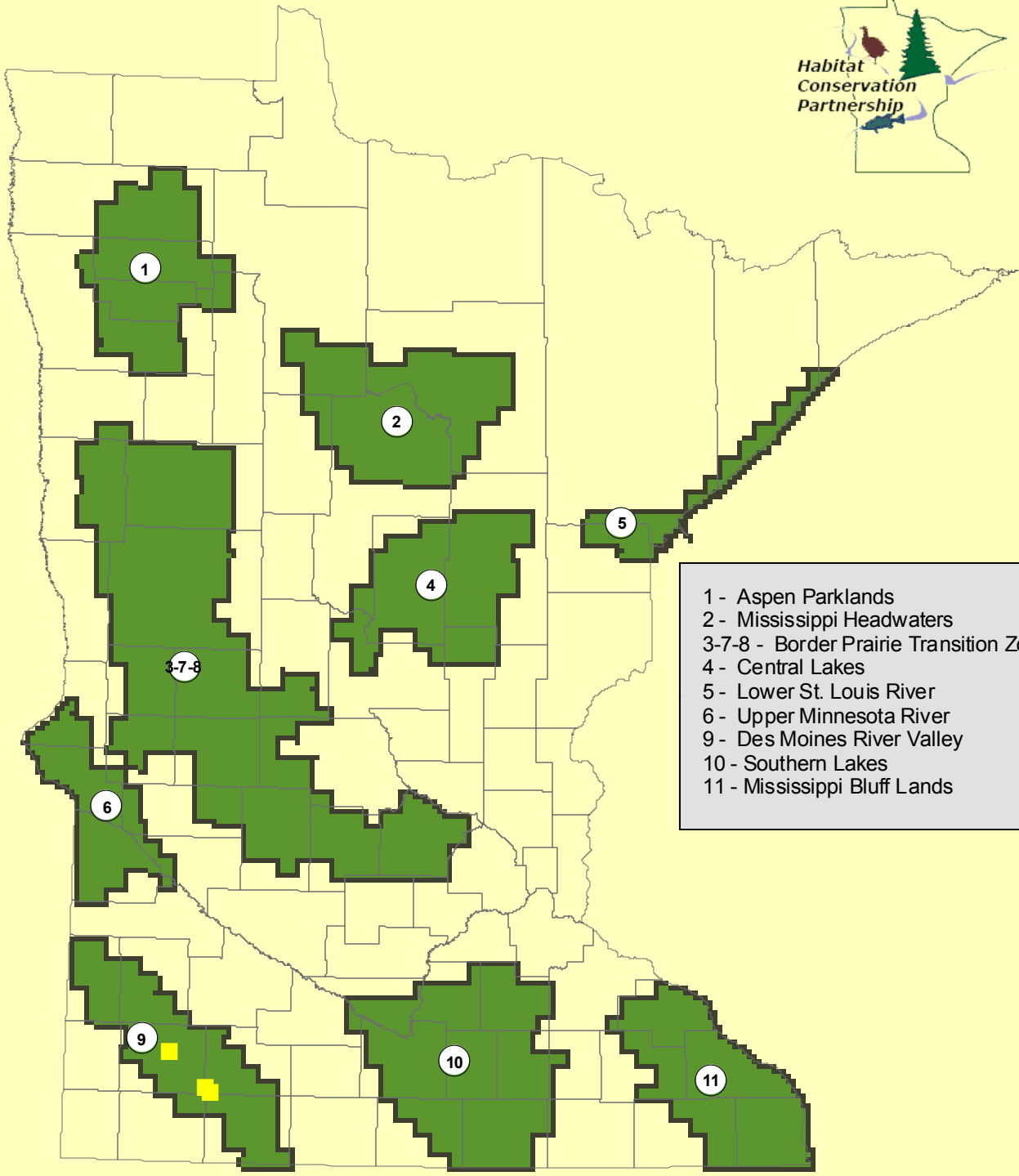
**Funding Type Definitions**

<b>ENTF:</b>	Grant dollars provided through the Minnesota Environment and Natural Resources Trust Fund
<b>Other Funds:</b>	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)
<b>State Funds:</b>	State Funds expended on HCP projects (not eligible for use as Other Funds commitment)
<b>Partner's State Leveraged Funds:</b>	Non State Funds that have leveraged State Funds as part of an HCP project (not eligible for use as Other Funds commitment)
<b>Other:</b>	Any other expenditures (e.g. grant income funds)




Attachment A: Budget Detail for 2008 Projects - Summary and a Budget page for each partner					
<b>Project Title:</b> <i>Set Out Seedlings - 2i</i>					
<b>Minnesota's Habitat Conservation Partnership (V)</b>					
<b>Project Manager Name:</b> <i>Dave Neu - NWTf Senior Regional Biologist</i>					
<b>Trust Fund Appropriation:</b> \$ 15,000					
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					
<b>2008 Trust Fund Budget</b>					
	<b><u>Result 1 Budget:</u></b>	<b>Amount Spent</b>	<b>Balance</b> <i>(date)</i>	<b>TOTAL BUDGET</b>	<b>TOTAL BALANCE</b>
	<i>Direct seed and plant seedlings on up to 140 acres</i>				
<b>BUDGET ITEM</b>			0		
<b>PERSONNEL: wages and benefits</b>	2,000	2,000	0	2,000	0
<b>Other land improvement</b> <i>(seedlings, stakes, mats, tubes)</i>	13,000	10,681	2,319	13,000	0
<b>COLUMN TOTAL</b>	<b>\$15,000</b>	<b>\$12,681</b>	<b>\$2,319</b>	<b>\$15,000</b>	<b>\$0</b>

# Habitat Conservation Partnership Set Out Seedlings

2I



- 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

