

2008 Project Abstract

For the Period Ending June 30, 2010

PROJECT TITLE: Restore/Enhance Significant Habitat: MeCC Phase IV

PROJECT MANAGER: Wiley Buck

AFFILIATION: Great River Greening

MAILING ADDRESS: 35 W. Water St.

CITY/STATE/ZIP: St. Paul, MN 55107

PHONE: 651-665-9500

E-MAIL: wbuck@greatrivergreening.org

WEBSITE: www.greatrivergreening.org

FUNDING SOURCE: Environment and Natural Resources Trust Fund

LEGAL CITATION: M.L. 2008, Chap. [367], Sec. [2], Subd. 3(a)2.3

APPROPRIATION AMOUNT: \$111,000

Overall Project Outcome and Results

Great River Greening and 600 of our volunteers restored/enhanced 211 acres (136 ENRTF acres plus 74 acres using leveraged non-state funds) and 22' of shoreline, plus another 51 acres and 338' of shoreline with other state funds, significantly exceeding our goal of 90 acres. Through these restorations, we improved habitat for rare wildlife species, such as Henslow's sparrow, Louisiana waterthrush, red-shouldered hawk, Blanding's turtle, Leonard's skipper, Uncas skipper, and gopher snake, as well as rare plant species, including kittentails, Hill's thistle, cattail sedge, and small-leaved pussytoes. Plant communities restored include high quality maple basswood forest, dry sand-gravel prairie, and dry oak savanna. Projects were focused in the Anoka Sandplain, and along the St. Croix, Minnesota, and Mississippi River valleys. In addition to ecological significance, projects were chosen based on landowner commitment including match, and importance to the local community.

Activities included invasive species control including early detection/rapid response, large scale woody encroachment removal, seeding/planting including prairie reconstructions and forest reconstruction via direct hardwood seeding, and shoreline restoration using cedar revetments. The 14 restorations undertaken were:

- Pilot Knob Hill – Prairie and savanna establishment
- Meeker Dam - Riparian forest restoration
- Eagle Creek AMA – Prairie and savanna enhancement
- The Landing – Oak savanna reconstruction
- Hidden Valley Park – Dry prairie management and enhancement
- Spring Lake Regional Park – Forest restoration
- Uncas Dunes SNA – Oak savanna restoration
- Mississippi West Regional Park – Shoreline and riparian restoration
- Indian Mounds Regional Park – Oak savanna tree and shrub planting
- OH Anderson Elementary – Prairie maintenance
- Arcola Mills Historic Foundation – Maple basswood forest restoration
- St. Croix River Valley – Early garlic mustard control
- Afton State Park – Henslow's Sparrow habitat enlargement
- Robert Ney Memorial Park Reserve – Forest reconstruction

Greening leveraged over \$140,000 in non-state cash match (1.3:1 ratio) for these restorations.

Project Results Use and Dissemination

In January, 2010, Great River Greening included a feature article on the ENRTF, LCCMR, and the Metro Conservation Corridors program and projects in our e-postcard, circulation 3200. In addition, project descriptions and funder acknowledgement are included in our volunteer recruitment efforts to all the volunteers in our database. In addition, Greening is in active partnership with landowners and other land managers, resulting in a dynamic and timely exchange of information and results.

Trust Fund 2008 Work Program Final Report

Date of Report: 1 August 2010
Final Report
Date of Work program Approval: 12/26/07
Project Completion Date: 6/30/10

I. PROJECT TITLE: Restore/Enhance Significant Habitat: MeCC Phase IV

Project Manager: Wiley Buck
Affiliation: Great River Greening
Mailing Address: 35 W. Water St., Ste. 201
City / State / Zip : St. Paul MN 55107
Telephone Number: 651-665-9500
E-mail Address: wbuck@greatrivergreening.org
Fax Number: 651-665-9409
Web Page address: www.greatrivergreening.org

Location: Several potential sites within mapped Focus Area in the counties of Anoka, Carver, Chisago, Dakota, Goodhue, Hennepin, Isanti, LeSueur, Nicollet, Ramsey, Rice, Scott, Sherburne, Sibley, Washington and Wright. See Figure 1

Total Trust Fund Project Budget:	Trust Fund Appropriation:	\$	111,000
	Minus Amount Spent:	\$	111,000
	Equal Balance:	\$	0

Legal Citation: M.L. 2008, Chap. [367], Sec. [2], Subd. 3(a)2.3

Appropriation Language:

\$3,150,000 is from the trust fund to the commissioner of natural resources for the fourth appropriation for acceleration of agency programs and cooperative agreements. Of this appropriation, \$1,915,000 is for Department of Natural Resources agency programs and \$1,235,000 is for agreements as follows: \$475,000 with the Trust for Public Land; \$92,000 with Friends of the Mississippi River; \$111,000 with Great River Greening; \$225,000 with Minnesota Land Trust; \$225,000 with Minnesota Valley National Wildlife Refuge Trust, Inc.; and \$107,000 with Friends of the Minnesota Valley for the purposes of planning, restoring, and protecting important natural areas in the metropolitan area, as defined under Minnesota Statutes, section 473.121, subdivision 2, and portions of the surrounding counties, through grants, contracted services, conservation easements, and fee title acquisition. Land acquired with this appropriation must be sufficiently improved to meet at least minimum management standards as determined by the commissioner of natural resources. Expenditures are limited to the identified project corridor areas as defined in the work program. 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. and III. FINAL PROJECT SUMMARY

Great River Greening and 600 of our volunteers restored/enhanced 211 acres (136 ENRTF acres plus 74 acres using leveraged non-state funds) and 22' of shoreline, plus another 51 acres and 338' of shoreline with other state funds, significantly exceeding our goal of 90 acres. Through these restorations, we improved habitat for rare wildlife species, such as Henslow's sparrow, Louisiana waterthrush, red-shouldered hawk, Blanding's turtle, Leonard's skipper, Uncas skipper, and gopher snake, as well as rare plant species, including kittentails, Hill's thistle, cattail sedge, and small-leaved pussytoes. Plant communities restored include high quality maple basswood forest, dry sand-gravel prairie, and dry oak savanna. Projects were focused in the Anoka Sandplain, and along the St. Croix, Minnesota, and Mississippi River valleys. In addition to ecological significance, projects were chosen based on landowner commitment including match, and importance to the local community.

Activities included invasive species control including early detection/rapid response, large scale woody encroachment removal, seeding/planting including prairie reconstructions and forest reconstruction via direct hardwood seeding, and shoreline restoration using cedar revetments. The 14 restorations undertaken were:

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- Arcola Mills Historic Foundation – Maple basswood forest restoration
- St. Croix River Valley – Early garlic mustard control
- Afton State Park – Henslow's Sparrow habitat enlargement
- Robert Ney Memorial Park Reserve – Forest reconstruction

Greening leveraged over \$140,000 in non-state cash match (1.3:1 ratio) for these restorations.

IV. OUTLINE OF PROJECT RESULTS:

Result 2: Restore/enhance significant habitat

Final Report Summary:

The 14 restorations undertaken were:

- Pilot Knob Hill – Prairie and savanna establishment
- Meeker Dam - Riparian forest restoration
- Eagle Creek AMA – Prairie and savanna enhancement
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The locations of these restorations are shown in Figure 1. Detailed descriptions of the projects follow.

2008 MeCC IV Project Locator

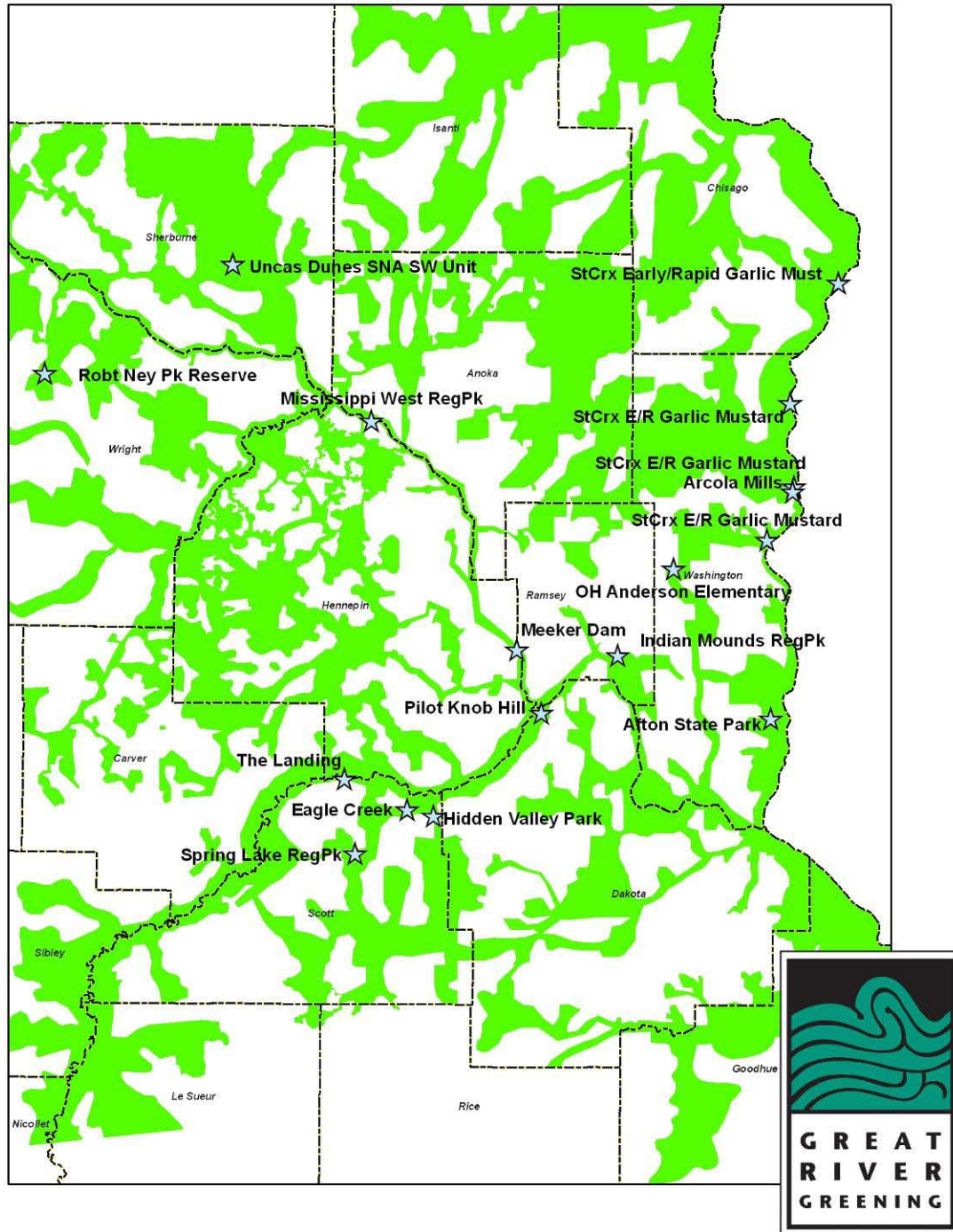


Figure 1: Location of Greening's 2008 MeCC IV Restore/Enhance Significant Habitat projects.

At Pilot Knob Hill, which is in a top tier township for wildlife Species of Greatest Conservation Need, the 12 acre Phase II area was prepped, seeded, and establishment was advanced for prairie and oak savanna reconstruction; the state's first 'biofuels for restoration' grant was applied to the clearing of 3 acres. In addition, establishment and invasive species control on the 8ac Phase I portion advanced significantly. Specifically for wildlife, a snake hibernaculum was created and snags have been managed throughout the process. The site is a draw for volunteers, with two public events and several small group events. Matching funds were provided by City of Mendota Heights, and state biofuels grant.

At Meeker Dam, maintenance and enhancement of the existing MeCC project included the second wave of buckthorn control. Matching funds were provided by private sources including the St. Paul Foundation.

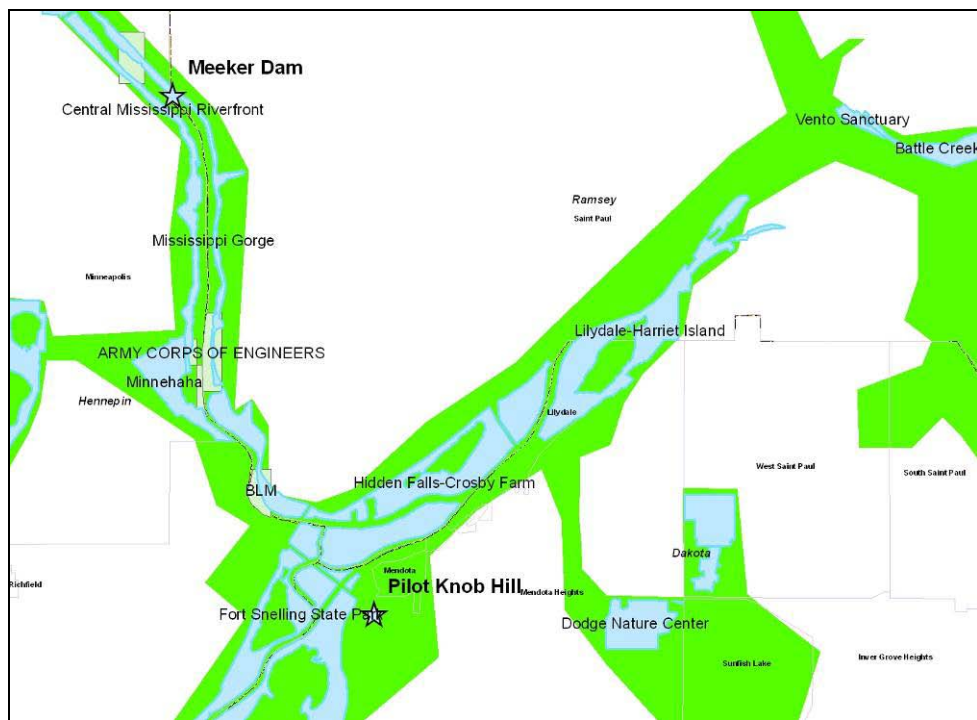


Figure 2: Pilot Knob Hill and Meeker Dam projects with regional protected land (in blue).

At Eagle Creek AMA, herbivory protection of the planted oaks and shrubs were maintained, and invasive species controlled with volunteers. Matching funds were provided by DNR Fisheries.

At The Landing, fka Historic Murphy's Landing, intensive site prep and clearing of invasive understory was followed by prairie and savanna grass and forb seeding. Throughout the process, invasive species control has been undertaken, including some buffer work on buckthorn. Supplemental plugging occurred in May 2010 with volunteers. Matching funds were provided by the Shakopee Mdewakanton Sioux (Dakota) Community, state's Sesquicentennial Foundation, and Three Rivers Park District.

At Hidden Valley Park, a protected City of Savage park, invasive species were controlled on the high diversity dry prairie that hosts kittentails and Hill's thistle. In addition, maintenance and supplemental plugging of the raingarden with volunteers was undertaken. Matching funds were provided by City of Savage.

At Scott Co's Spring Lake Regional Park, buckthorn and other woody invasives were removed from the high quality Maple-basswood forest and surrounding areas. The restoration was primarily low density removal (and therefore a high acreage project) with a few pockets of higher density where the material was removed with volunteers. Matching funds were provided by Scott County Parks.

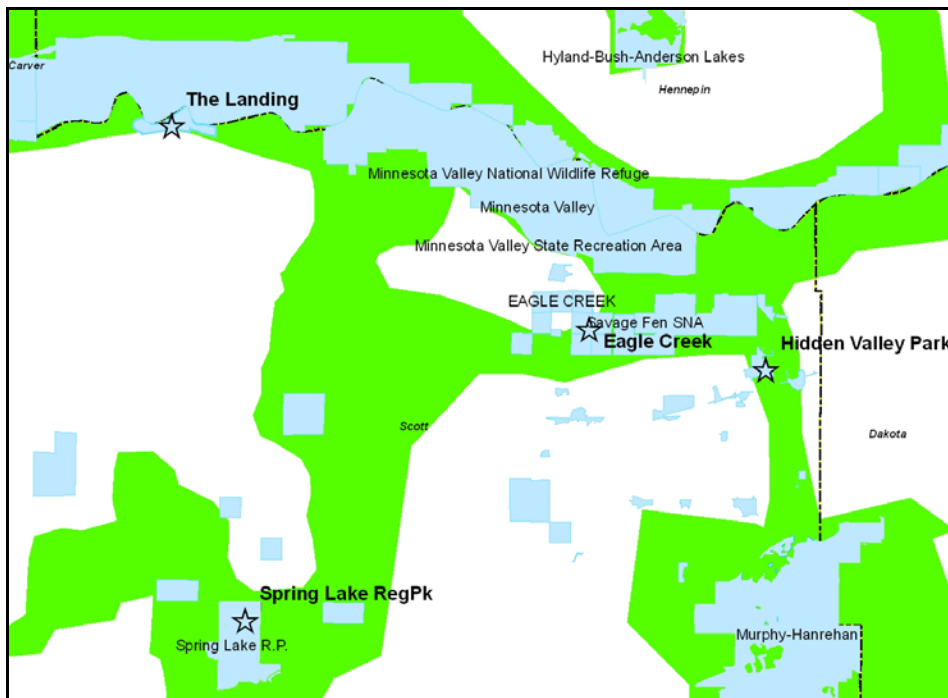


Figure 3: Eagle Creek, The Landing, Hidden Valley Park, and Spring Lake Regional Park project locations with regional and municipal protected land (in blue).

At Uncas Dunes SNA, a 30 acre restoration in the western portion of the SNA's south unit has been undertaken. Intensive clearing of the understory and thinning of the canopy at this site, needed due to fire suppression, has occurred using heavy equipment, crew, and volunteers. Using other funds, seed collection and fall sowing is now underway to complete the restoration. Matching funds provided by BWSR Native Buffer, state biofuels grant, and National Fish and Wildlife Foundation. This SNA is a highly rated oak savanna that provides habitat for Leonard's skipper, Uncas skipper and gopher snake, and hosts small-leaved pussytoes.



Figure 4: Uncas Dunes SNA 'SW Unit' restoration location, with regional protected land (in blue).

A second restoration in the Anoka Sandplain occurred at Mississippi West Regional Park, where upland habitat was restored via invasive species control and plug planting with volunteers, as well as riparian habitat and Mississippi River shoreline restoration including cedar revetment.

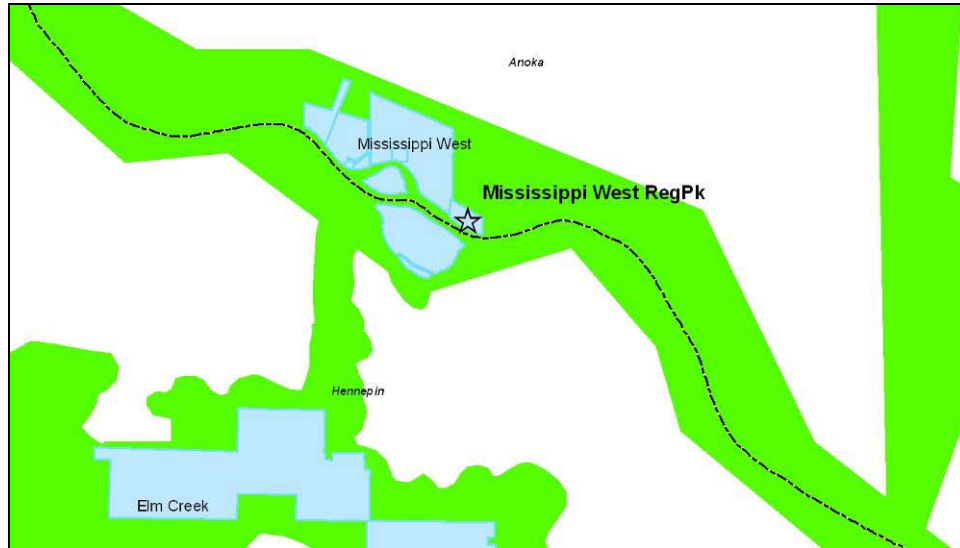


Figure 5: Mississippi West Regional Park restoration location, with regional protected land (in blue).

At Indian Mounds Regional Park in St. Paul, oak trees and native shrubs were planted as part of an oak savanna restoration. St. Paul Parks and Rec cleared buckthorn and thinned the canopy, and Greening followed with tree and shrub planting, with a large volunteer group, and maintenance. Matching funds provided by Corporate Volunteer Council, St. Paul Garden Club, and the St. Paul Foundation.

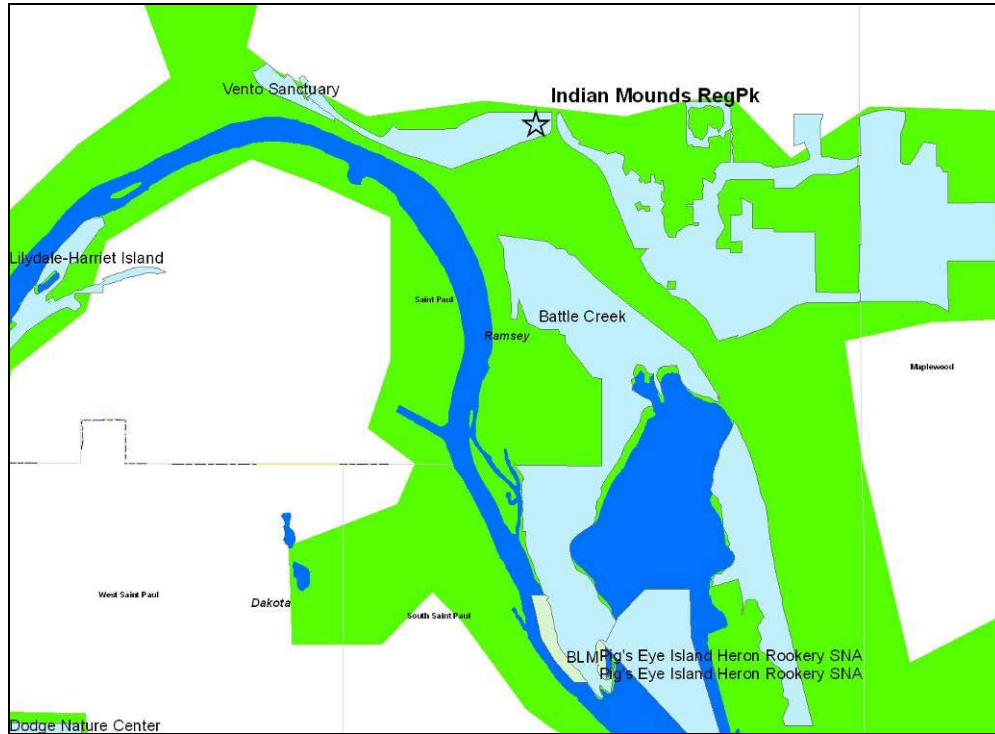


Figure 6: Indian Mounds Regional Park restoration location, with regional protected land (in light blue) and Mississippi River (dark blue).

At OH Anderson Prairie, the reconstructed prairie was maintained via invasive species control, and enhanced with plug planting by students. Matching funds were local funds raised by the school district.

At Arcola Mills Historic Foundation, private land protected by a Metro Greenways/Washington Co easement, a second wave of buckthorn and other woody invasive control was completed. Most areas are medium-low density with pockets of more severe infestation. An early outbreak of garlic mustard was also treated several times at Arcola Mills, and is being tracked as one of the St. Croix Garlic Mustard sites (see below). Matching funds were provided by Arcola Mills and BWSR funds administered by the conservation district.

Early detection and rapid response to garlic mustard outbreaks in the St. Croix River Valley proceeded with treatment and tracking at four sites, including NPS fee title land near Taylor’s Falls, NPS scenic easement land near Copas, Arcola Mills, and Boom Site landing. Because the main garlic mustard threat remains the vectoring potential, techniques are being used that minimize spread, including boot covers, boot scrapers, scouting priorities, and smothering seed banks. Coordination with NPS, St. Croix Watershed Research Station, and DNR Parks and Trails was initiated. This program is continuing into MeCC V. Cash matching funds continue to be pursued so that the full vision of this regional effort can be achieved.

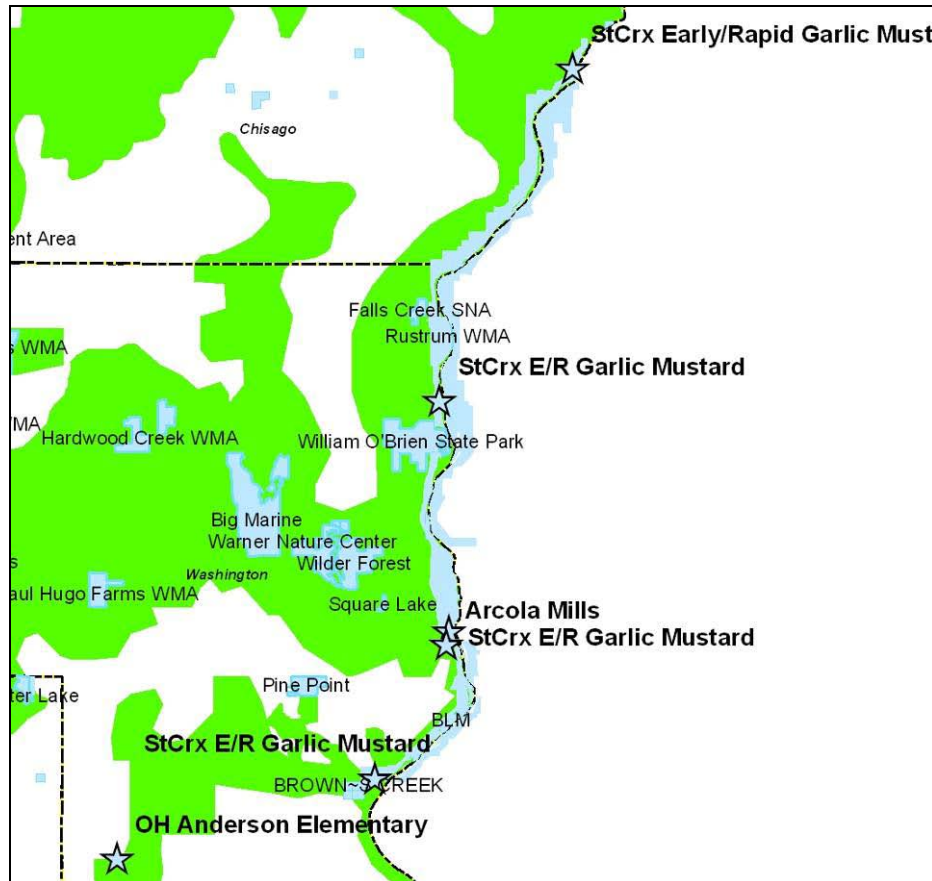


Figure 7: OH Anderson Elementary, Arcola Mills, and four St. Croix Early Detection/Rapid Response to Garlic Mustard restoration locations, with regional protected land (in blue).

At Afton State Park, a tree line and other scattered trees were removed to improve the habitat for the Henslow's sparrows documented at the site. Through these activities, Henslow's habitat was enlarged by 20ac. Matching funds were provided by Patagonia, Inc. In addition, the existing MeCC III forest reconstruction was enhanced with the addition of basswood and hackberry, two important species that are difficult to propagate in direct hardwood seeding, as well as supplemental acorn planting in select gap areas.



Figure 8: Afton State Park restoration location, with regional protected land (in blue).

At Robert Ney Memorial Park Reserve, a 40 acre direct hardwood tree and shrub seeding took place as part of a 'big woods' reconstruction. This restoration is part of the hardwood seeding program for the entire park totaling 141 acres, which will add to the existing core of 300+ acre second growth forest/wetland mosaic.

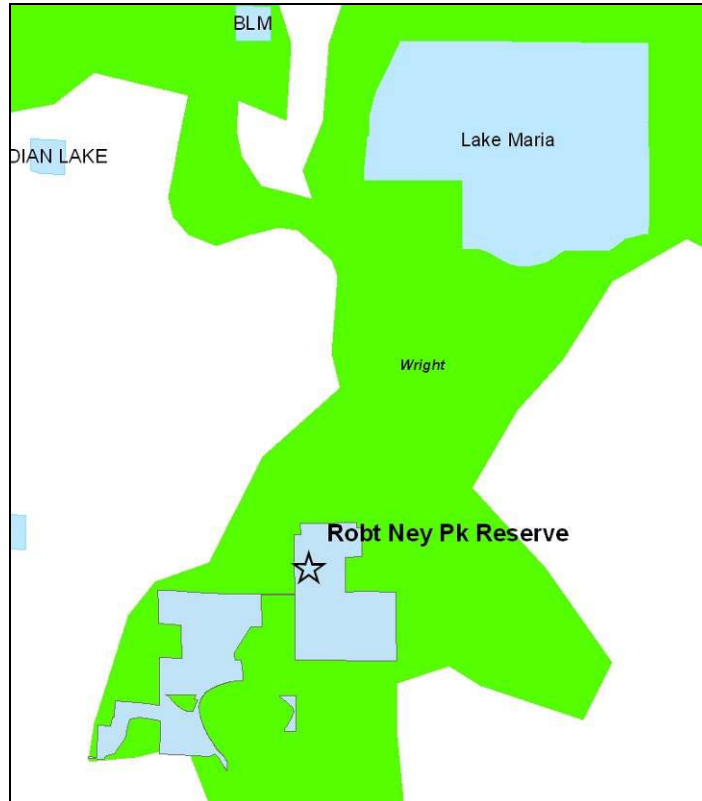


Figure 9: Robert Ney Memorial Park restoration location, with regional protected land (in blue).

Combined, these restoration projects improved habitat for rare species, restored high quality natural areas and reconstructed others in key locations, restored some of Minnesota's most threatened native plant communities including oak savanna, and by involving volunteers, helped to ensure the stewardship of these areas into the next generation.

Summary Budget Information for Result 2: Trust Fund Budget: **\$111,000**
Amount Spent: **\$111,000**
Balance: **\$ 0**

Deliverable	Completion Date	Budget	Status
1. 25 acres improved /restored/enhanced	11/1/08	\$35,000	
2. 75 total ac. improved /restored/enhanced	6/30/09	\$95,000	
3. 90 total ac. improved/restored/enhanced	6/30/10	\$111,000	

V. TOTAL TRUST FUND PROJECT BUDGET:

Staff or Contract Services: \$39,800

Equipment: \$4,930

Development: \$ 0

Restoration: \$ 54,395

Acquisition, including easements: \$ 0

Other: \$11,875 (Vol. Event Supplies (approved food and bvg, portable toilets, tents, signage, PA system), mileage POVs.)

TOTAL TRUST FUND PROJECT BUDGET: \$111,000

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

VI. OTHER FUNDS & PARTNERS:

A. Project Partners: Project partners were:

- all Metro Conservation Corridor partner organizations, particularly SNA;
- State partners including DNR Parks; DNR west metro Fisheries; Biofuels for Restoration program.
- Local government units including Scott County Parks; Three Rivers Park District; City of Mendota Heights; City of Savage; OH Anderson Elementary; Sherburne National Wildlife Refuge; St. Paul Parks and Rec; City of Ramsey; Conservation Districts.
- Private sources including Corporate Volunteerism Council; Arcola Mills Historic Foundation; 600 Greening Volunteers.

B. Other Funds Proposed to be Spent during the Project Period: Funding partners were:

- Private sources including St. Paul Foundation; Patagonia, Inc.; Arcola Mills Historic Foundation; St. Paul Garden Club; Corporate Volunteerism Council; Shakopee Mdewakanton Sioux (Dakota) Community.
- Local government sources including City of Mendota Heights; Mahtomedi Independent School District; City of Savage; Three Rivers Park District; Scott County Parks.
- Federal sources including National Fish and Wildlife Foundation.
- State sources including biofuels grants; BWSR; Sesquicentennial Foundation; DNR Fisheries.

C. Past Spending:

- LCCMR 2007 appropriation of \$60,000 for Metropolitan Area Conservation Corridors – Phase III.
- LCMR 2005 appropriation of \$100,000 for Metropolitan Area Conservation Corridors – Phase II.
- LCMR 2003 appropriation of \$124,000 for Metropolitan Wildlife Corridors - Phase I.
- LCMR 2003 appropriation of \$255,000 for Bucks and Buckthorn: Engaging Young Hunters in Restoration
- LCMR appropriation during the 2002 - 2003 biennium of \$910,000 to build on the successful Big Rivers Partnership, matched by \$1.9 million from non-state public and private sources.
- Big Rivers Partnership (BRP) first funded by an \$800,000 appropriation from the LCMR during the 1999 - 2001 biennium, and matched by \$550,000.
- \$300,000.00 RIM Critical Habitat Match - Environmental Trust Fund and Future Resource Fund, matched by \$2.2 million foundation, corporate, and private contributions.

D. Time: 2 years

VII. DISSEMINATION: In January, 2010, Great River Greening included a feature article on the ENRTF, LCCMR, and the Metro Conservation Corridors program and projects in our e-postcard, circulation 3200. In addition, project descriptions and funder acknowledgement are included in our volunteer recruitment efforts to all the volunteers in our database. In addition, Greening is in active partnership with landowners and other land managers, resulting in a dynamic and timely exchange of information and results.

VIII. REPORTING REQUIREMENTS:

Periodic work program progress reports will be submitted not later than February 1, 2009, August 1, 2009, and February 1, 2010. A final work program

report and associated products will be submitted between June 30 and August 1, 2009 or 2010 as requested by the LCCMR

IX. RESEARCH PROJECTS: N/A

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Attachment A: Budget Detail for 2008 Projects - Summary and a Budget page for each partner (if applicable)

Project Title: Metro Conservation Corridors – Phase IV – Great River Greening (2.3)					
Project Manager Name: Wiley Buck					
Trust Fund Appropriation: \$ 111,000					
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	Revised Result 2 Budget 2/26/2010	Amount Spent 6/30/2010	Balance 6/30/2010	TOTAL BUDGET	TOTAL BALANCE
	<i>Restore/Enhance Significant Habitat</i>				
BUDGET ITEM			0	0	0
PERSONNEL: Staff: Ecologists (.43 FTE); Field Manager/Technicians (.79 FTE); Volunteer Manager (.15 FTE); Project Administration (.07 FTE);	39,800	39,800	0	39,800	0
Contracts			0	0	0
Professional/technical (with whom?, for what?)			0	0	0
Other contracts: Restoration: site prep, prairie install, direct hardwood seeding by e.g. Minn. Native Landscapes, North Am. Prairies, PRI, Zumbro Valley Forestry, Outback Nursery, farmers and other local partners	30,855	30,855	0	30,855	0
Other direct operating costs: Restoration supplies and materials: mulch, plants, seeds.	23,540	23,540	0	23,540	0
Equipment / Tools: chainsaws, brush cutters, sprayers, shovels, loppers, weed wrenches, bow saws, water packs, drip torch, safety equipment, gloves, glasses, flagging, stakes, erosion control blanket, etc.	4,930	4,930	0	4,930	0
Office equipment & computers - NOT ALLOWED unless unique to the project			0	0	0
Other Capital equipment (list specific items)			0	0	0
Land acquisition			0	0	0
Land rights acquisition (less than fee)			0	0	0
Professional Services for Acq.			0	0	0
Printing			0	0	0
Other Supplies (list specific categories) Other: Vol. Event Supplies (approved food and bev., portable toilets, tents, signage, PA system)	10,800	10,800	0	10,800	0
Travel expenses in Minnesota , mileage POVs.	1,075	1,075	0	1,075	0
Travel outside Minnesota (where?)			0	0	0
Construction (for what?)			0	0	0
Other land improvement (for what?)			0	0	0
Other (Describe the activity and cost) <i>be specific</i>			0	0	0
COLUMN TOTAL	\$111,000	\$111,000	\$0	\$111,000	\$0

Appendix B
 2008 Subd. 3(a)2.3 Greening Phase IV Metro Conservation Corridors FINAL REPORT
 Date: 7/30/2010

2009 Subd. 4(f)2.5 Greening Phase V Metro Conservation Corridors

SITE: Name, Owner, Location	Ecological Significance	Native Communities and Restoration Goals	Project Description	Ph	Proposed Restoration Activities	Acreage (*after pro-rate with 'other state').	Status of phase-specific deliverables
St. Croix Valley Early Detection Garlic Mustard. NPS fee title, NPS scenic easement, DNR	Very early stages of invasion	Forest	Early detection/rapid response to garlic mustard	IV	Garlic mustard location, mapping, smothering, cutting, spraying	4 ENRTF&non-state	Complete
				V	Sustained garlic mustard effort; coordinate with regional managers	4	Underway
Afton State Park	Large site with extensive natural communities incl. rare prairie and forest interior species	1) Mesic oak-hardwood forest reconstruction 2) Henslow's sparrow (MN END) habitat enlargement	1) Direct hardwood seeding with enhancements. 2) Surrogate Grassland: Enlarge treeless area	III	III: Site prep; direct hardwood seeding	56* + 29 using other state	Complete
				IV	Remove grassland tree line and scattered trees for Henslow habitat. Plant Hackberry and basswood seedlings; volunteers plant acorns in gaps.	20 ENRTF&non-state	Complete
Uncas Dunes SNA (Anoka Sandplain), Sherburne Co.	CBS quality plant community with rare species. SNA	Oak savanna	Woody encroachment removal	IV	Removal with volunteer stacking event; volunteer seed collection; seeding	3.5 ENRTF&non-state 26.5 other state	Complete (incl. Biofuels grant)
Miss West Regional Park (Anoka Sandplain), Ramsey	Large park on Mississippi R.	Shoreline/Riparian	Shoreline revetment. Invasive species control	IV	Install cedar revetment; Invasive species removal including volunteer event	1ac+22' shoreline ENRTF&non-state 17ac+338' other state	Complete
Ney Regional Park, Wright Co near Maple Lake, and 2 miles to	Lg CBS quality Maple Basswood	M-B forest; reconstruct tree layer.	Seed the ag field, with oaks as major component.	IV	Site prep, seed procurement and fall seeding.	40 ENRTF&non-state	Complete
St Croix Savanna SNA, Bayport.	Extremely high quality savanna	Oak Savanna, prairie	High School youth conducting invasive species control thru our Natural Areas Teen Network program	V	Sumac cutting; knapweed pulling	1	Begins in May 2010.
Meeker Dam (Maintenance), St. Paul	Forested shoreline on Miss River	Riparian Forest	Forest restoration	II	Buckthorn clearing; volunteer planting event	3	Complete
				IV	2nd wave of buckthorn control	2 ENRTF&non-state	Complete
Indian Mound Regional Park, St. Paul	Large native plant communities on Miss River; kittentails.	Savanna	Tree and shrub layer reconstruction	IV	Site prep; volunteer planting ; herbivory protection; establish	1 ENRTF&non-state	Complete
OH Anderson Elementary, Mahtomedi	Nature classroom site in Corridor connecting Lake Elmo RP to Square/Carnelian Lakes complex	Prairie	Prairie reconstruction	I - III	Site prep; prairie seeding; 1st year est. mow and knapweed control; plug planting	3	Complete
				IV	Invasive species control, woody encroachment control, plug planting	3 ENRTF&non-state	Complete
				V	First Rx burn (Maintenance/ Enhancement)	2	Scheduled Sp10
Arcola Mills Historic Foundation, Stillwater	CBS quality forest with 0.5 mile shoreline and rare species. (Protected private)	Forest	Invasive species control, pine planting, erosion control; garlic mustard control.	I - III	1st wave woody invasives; pine planting; raingarden; ravine erosion control; garlic mustard control	50,6	Complete
				IV	Garlic mustard control; follow up buckthorn control;	26 ENRTF&non-state 4 Other State	Complete

Pilot Knob Hill, Mendota Heights	Located in top tier township for SGCN opportunities/needs. Adjacent to Ft Snelling SP in MN River Valley	Prairie/Savanna	Reconstruction; non-game habitat.	II	Phase I site prep, seeding. Volunteer event.	8	Complete
				IV	Phase I establishment mow, spray. Phase II site prep, seeding, snake hibernaculum, snag creation. Volunteer event	20 ENRTF&non-state 2 Other State	Complete
				V	Establishment, maintenance, and enhancement; volunteer events.	24	Late stages of development
Eagle Creek AMA, Savage	Metro Trout stream	Prairie, Savanna, Woodland	Tree layer reconstruction; invasive spp control	III	Oak planting with herbivory protection, using volunteers	4*	Complete
				IV	Maintenance. Prairie invasive species control	2 ENRTF&non-state 1 other state	Complete
Spring Lake Regional Park, Prior Lake	Large park with large CBS quality M-B forest	M-B forest	Low density buckthorn control; volunteer events; isolated patches of high density b.t.; siberian elm and other woody invasives	IV	Buckthorn control; volunteer stacking.	81 ENRTF&non-state	Complete
				V	Low density and high density b.t. control; volunteer event(s);	30 est	Underway
The Landing (fka Murphy's Landing), 3RPD, Shakopee	Large native plant communities on MN River	Oak savanna, woodland	Restoration from highly degraded condition	III-IV	Intensive buckthorn control; herbaceous seeding; supplemental plug planting	3.5 ENRTF&non-state 1 other state	Complete (III and IV funds per amendment with results in IV)
Hidden Valley City Park, Savage	CBS quality prairie with kittentails, on Credit River	Prairie	Prairie restoration; raingarden b/w parking lot and River	I-III	Woody and herbaceous inv species control; Rx burn; raingarden; volunteers	5	Complete
				IV	Invasive species control; supplemental plugs; volunteers.	3 ENRTF&non-state	Complete
Pond Dakota Mission City Park, Bloomington	Part of large native plant communities on MN River	Oak savanna, woodland	Reconstruction from forest and turf.	IV-V	Site prep, seeding	6 est	Underway 2/10/10
Lost Valley SNA, Denmark Township	CBS quality remnant prairie with rare	Prairie	Prairie restoration	V	Woody removal	5 est	Scheduled Sp 2010
Snail Lake Regional Park, Shoreview	'Grass Lake' portion with Blanding's turtle and red-shouldered hawk	Oak savanna	Restoration	V	First wave patchy buckthorn and woody encroachment removal	26 est	Late stages of development
Belwin Conservancy, Afton. Lake Edith LE1 LE3 and LE2 units	100+ acre natural area undergoing intensive restoration, in Valley Ck watershed priority area	Oak Savanna, prairie	Reconstruction of herbaceous layer.	n/a	Woody removal with 'biofuels' grant.		Complete
				V	Site prep including spraying and soil prep (woody removal already completed), seeding, weed control.	30 to 62. TBD by amt of federal match; LE1 LE3 savanna is priority over LE2 prairie.	Late stages of development