

2008 Project Abstract

For the Period Ending June 30, 2010

PROJECT TITLE: Restoring Minnesota's Fish and Wildlife Habitat Corridors Phase V
Habitat Conservation Partnership

PROJECT MANAGER: Kevin J. Lines

AFFILIATION: Board of Water and Soil Resources

MAILING ADDRESS: 520 Lafayette Road

CITY/STATE/ZIP: St. Paul, MN 55155

PHONE: 651-297-1894

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WEBSITE: www.bwsr.state.mn.us

FUNDING SOURCE: Minnesota Environment and Natural Resources Trust Fund

LEGAL CITATION: M.L. 2008, Chp. 367, Sec. 2, Subd. 3(c)

APPROPRIATION AMOUNT: \$250,000

Overall Project Outcome and Results

The BWSR used \$250,000 in LCCMR awarded MN Environment and Natural Resources Trust Fund to acquire voluntary conservation easements on private lands, and implement conservation practices on these easement lands through its stand-alone RIM Reserve program and the RIM-WRP Partnership with NRCS. These easements are located in Habitat Corridors Partnership (HCP) project areas, and two are within five miles of a Working Lands Initiative (WLI) area. By targeting lands in or near the WLI focus areas, we leveraged numerous federal, state and private partners' activities in areas where the state has already acquired significant public and private investments in habitat for wildlife, fish, and native plant communities.

The BWSR has completed acquisition of three perpetual easements, resulting in 289 acres of land protected for perpetuity, and allowing restoration of previously drained wetlands and adjacent native upland. Two of these easements were acquired via the RIM-WRP Partnership and are in the Boarder Prairie Transition Zone, and within five miles of a WLI target area. These acquisitions were selected and prioritized using the Minnesota Wetlands Evaluation Worksheet and focus on frequently flooded cropland, including land within the 100-year flood plain, marginal and highly erodible cropland along rivers, streams, and ditches. The third is a perpetual riparian RIM Reserve easement in the HCP Bluff Lands Project Area.

All of the easements acquired afford protection of soil, enhance water quality, and support fish and wildlife habitat. Stewardship provisions are included, to monitor and enforce the conditions of the conservation easement by the BWSR through our local SWCDs. All restorations utilize native seeds and plants of local ecotypes unless not available. LCCMR Notice of Funding Restrictions documents have been recorded in conjunction with each of these perpetual easements.

Project Results Use and Dissemination

BWSR has captured these three perpetual conservation easements in our online Geographic Information System (GIS) layer. An online easement application has been developed that utilizes the conservation practice data, easement boundary and tabular data containing specific attributes about each easement. This application serves to provide specific easement information to the public via an online web mapping interface.

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

3E:RIM Reserve - MN Board of Water & Soil Resources

Project Manager: Kevin Lines **Fund:** Environment and Natural Resources Trust Fund
Affiliation: MN Board of Water & Soil Resources

Address: 520 Lafayette Road **Legal Citation:** ML 2008 First Special Section, Ch. 367, Sec. 2 Subd. 3(c).
 St. Paul, MN 55155

Phone: (651) 297-1894
Fax: (651) 297-5615
E-mail: Kevin.lines@state.mn.us

Total Biennial Project Budget

| Result | Environmental Trust Allocation | Environmental Trust Funds Spent | Environmental Trust Balance | Other Funds Proposed | Other Funds Spent |
|---|--------------------------------|---------------------------------|-----------------------------|----------------------|-------------------|
| Restoration | - | \$0.00 | - | - | \$125,723.00 |
| Easement | - | \$250,000 | - | - | \$435,812 |
| Work Program Expenditures (Not Attributable to Specific Projects) | - | \$0 | - | - | \$0 |
| Total | \$250,000 | \$250,000 | \$0 | \$560,000 | \$561,535 |

Work Program Summary

Overall Project Outcome and Results

The BWSR used \$250,000 in LCCMR awarded MN Environment and Natural Resources Trust Fund to acquire voluntary conservation easements on private lands through its stand-alone RIM Reserve program and the RIM-WRP Partnership with NRCS. The BWSR leveraged federal RIM-WRP dollars and used bonding dollars to fund the remaining easement acquisition costs and to implement conservation practices on these easements. These easements are located in Habitat Corridors Partnership (HCP) project areas, and two are within five miles of a Working Lands Initiative (WLI) area. By targeting lands in or near the WLI focus areas, we leveraged numerous federal, state and private partners' activities in areas where the state has already acquired significant public and private investments in habitat for wildlife, fish, and native plant communities.

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3E:RIM Reserve - MN Board of Water & Soil Resources

Restoration Activities

Project Name: 75-01-08-02
Project Area: 3-7-8 - Border Prairie Transition Zone
 Township: 126, Range: 44, Section: 27

Activity: Grassland Restoration
Landtype: Private - Land
Description: This entire easement is being restored to native vegetation. In addition, there is a wetland restoration component over approximately half of the easement area. Water quality is being protected, and wildlife habitat is enhanced.

| | | | Acres | Shoreline |
|---------------------|-------------|----------------|----------------|-------------------------|
| Non Prorated Totals | | | 149.30 | 0.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Prorated Shoreline Feet |
| Other Funds | Restoration | \$33,593.00 | 111.97 | 0.00 |
| State Funds | Restoration | \$11,198.00 | 37.33 | 0.00 |

Activity: Wetland Restoration
Landtype: Private - Land
Description: This is a multi-basin restoration. These basins will serve to protect water quality and enhance wildlife habitat.

| | | | Acres | Shoreline |
|--------------------------|-------------|--------------------|----------------|-------------------------|
| Non Prorated Totals | | | 40.30 | 0.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Prorated Shoreline Feet |
| Other Funds | Restoration | \$24,180.00 | 20.15 | 0.00 |
| State Funds | Restoration | \$24,180.00 | 20.15 | 0.00 |
| 75-01-08-02 Total | | \$93,151.00 | 189.60 | 0.00 |

Project Name: 75-10-08-02
Project Area: 3-7-8 - Border Prairie Transition Zone
 Township: 126, Range: 44, Section: 18

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

3E:RIM Reserve - MN Board of Water & Soil Resources

Activity: Grassland Restoration
Landtype: Private - Land
Description: This entire easement is being restored to native vegetation. In addition, there is a wetland restoration component over approximately half of the easement area. Water quality is being protected, and wildlife habitat is enhanced.

| | | | Acres | Shoreline |
|---------------------|-------------|----------------|----------------|-------------------------|
| Non Prorated Totals | | | 122.80 | 0.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Prorated Shoreline Feet |
| Other Funds | Restoration | \$27,630.00 | 92.10 | 0.00 |
| State Funds | Restoration | \$9,210.00 | 30.70 | 0.00 |

Activity: Wetland Restoration
Landtype: Private - Land
Description: Two basins are being restored on this easement. Both will serve to protect water quality and enhance wildlife habitat.

| | | | Acres | Shoreline |
|--------------------------|-------------|---------------------|----------------|-------------------------|
| Non Prorated Totals | | | 67.20 | 0.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Prorated Shoreline Feet |
| Other Funds | Restoration | \$40,320.00 | 33.60 | 0.00 |
| State Funds | Restoration | \$40,320.00 | 33.60 | 0.00 |
| 75-10-08-02 Total | | \$117,480.00 | 190.00 | 0.00 |

Restoration Project Totals (By Funding Type)

| Funding Type | Funding Amount | Prorated Acres | Shoreline Feet |
|---------------|---------------------|----------------|----------------|
| Other Funds: | \$125,723.00 | 257.82 | 0.00 |
| State Funds: | \$84,908.00 | 121.78 | 0.00 |
| Total: | \$210,631.00 | 379.60 | 0.00 |

Easement Activities

Project Name: 28-02-07-06
Project Area: 11 - Mississippi Bluff Lands
 Township: 104, Range: 4, Section: 35

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3E:RIM Reserve - MN Board of Water & Soil Resources

Description: This is a perpetual riparian buffer easement along the Root River in Houston County. This easement will help to improve water quality and enhance wildlife habitat in the area. A portion of this easement was funded using LCCMR dollars, with the remainder of funding coming from RIM bonding dollars.

| | | | Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
|--------------------------|----------------------------|---------------------|----------------|-----------------|----------------|---------------|----------------|-----------------|
| Non Prorated Totals: | | | 190.10 | 80.00 | 80.10 | 0.00 | 0.00 | 4,850.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
| ENTF | Easement Acquisition Costs | \$25,227.00 | 5.71 | 2.40 | 2.41 | 0.00 | 0.00 | 145.63 |
| State Funds | Easement Acquisition Costs | \$394,836.97 | 89.34 | 37.60 | 37.64 | 0.00 | 0.00 | 2,279.37 |
| 28-02-07-06 Total | | \$420,063.97 | 95.05 | 40.00 | 160.20 | 0.00 | 0.00 | 2,425.00 |

Project Name: 75-01-08-02
Project Area: 3-7-8 - Border Prairie Transition Zone
Township: 126, Range: 44, Section: 27
Description: This is a perpetual RIM-WRP partnership easement in the Prairie Forest Transition Zone HCP project area, and within five miles of the WLI target area. This easement was partially funded using LCCMR dollars. An LCCMR Notice of Funding Restriction is in the process of being recorded.

| | | | Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
|--------------------------|----------------------------|---------------------|----------------|-----------------|----------------|---------------|----------------|---------------|
| Non Prorated Totals: | | | 155.80 | 149.30 | 0.00 | 40.30 | 0.00 | 0.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
| ENTF | Easement Acquisition Costs | \$56,297.00 | 19.48 | 18.66 | 0.00 | 5.04 | 0.00 | 0.00 |
| Other Funds | Easement Acquisition Costs | \$241,263.15 | 83.47 | 79.98 | 0.00 | 21.59 | 0.00 | 0.00 |
| State Funds | Easement Acquisition Costs | \$152,789.10 | 52.86 | 50.65 | 0.00 | 13.67 | 0.00 | 0.00 |
| 75-01-08-02 Total | | \$450,349.25 | 155.80 | 149.30 | 0.00 | 40.30 | 0.00 | 0.00 |

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Habitat Conservation Partnership

3E:RIM Reserve - MN Board of Water & Soil Resources

Project Name: 75-10-08-02
Project Area: 3-7-8 - Border Prairie Transition Zone
 Township: 126, Range: 44, Section: 18
Description: This is a perpetual RIM-WRP partnership easement in the Prairie Forest Transition Zone HCP project area, and within five miles of the WLI target area.

| | | | Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
|--------------------------|----------------------------|---------------------|----------------|-----------------|----------------|---------------|----------------|---------------|
| Non Prorated Totals: | | | 122.80 | 0.00 | 0.00 | 67.20 | 55.60 | 0.00 |
| Funding Type | Funds Use | Funding Amount | Prorated Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
| ENTF | Easement Acquisition Costs | \$168,476.00 | 56.99 | 0.00 | 0.00 | 31.19 | 25.80 | 0.00 |
| Other Funds | Easement Acquisition Costs | \$194,549.00 | 65.81 | 0.00 | 0.00 | 36.01 | 29.80 | 0.00 |
| 75-10-08-02 Total | | \$363,025.00 | 122.80 | 0.00 | 0.00 | 67.20 | 55.60 | 0.00 |

Easement Totals (By Funding Type)

| Funding Type: | Funding Amount | Prorated Acres | Grassland Acres | Woodland Acres | Wetland Acres | Shoreline Feet | Riparian Feet |
|---------------|-----------------------|----------------|-----------------|----------------|---------------|----------------|-----------------|
| Other Funds | \$435,812.15 | 149.28 | 79.98 | 0.00 | 57.60 | 29.80 | 0.00 |
| State Funds | \$547,626.07 | 142.20 | 88.25 | 37.64 | 13.67 | 0.00 | 2,279.37 |
| Total | \$1,233,438.22 | 373.65 | 189.30 | 40.05 | 107.50 | 55.60 | 2,425.00 |

Work Program Expenditures (Not Attributable to Specific Projects)

| FundingType | Category | Amount | Description |
|---------------|----------|--------|-------------|
| | | | |
| Total: | | | |

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

| Funding Type | Amount |
|---------------------------------|---------------|
| ETF | \$0.00 |
| Other Funds | \$0.00 |
| Partner's State Leveraged Funds | \$0.00 |
| State Funds | \$0.00 |
| Other | \$0.00 |
| Total | \$0.00 |

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

3E:RIM Reserve - MN Board of Water & Soil Resources

Work Program Expenditures Breakdown

| Funding Type | Restoration Projects | Easement Projects | Not Attributable To Specific Projects | Total |
|---------------------|-----------------------------|--------------------------|--|-----------------------|
| ETF | \$ 0.00 | \$250,000.00 | \$0.00 | \$250,000.00 |
| Other Funds | \$125,723.00 | \$435,812.15 | \$0.00 | \$561,535.15 |
| State Funds | \$84,908.00 | \$547,626.07 | \$0.00 | \$632,534.07 |
| Total | \$210,631.00 | \$1,233,438.22 | \$0.00 | \$1,444,069.22 |

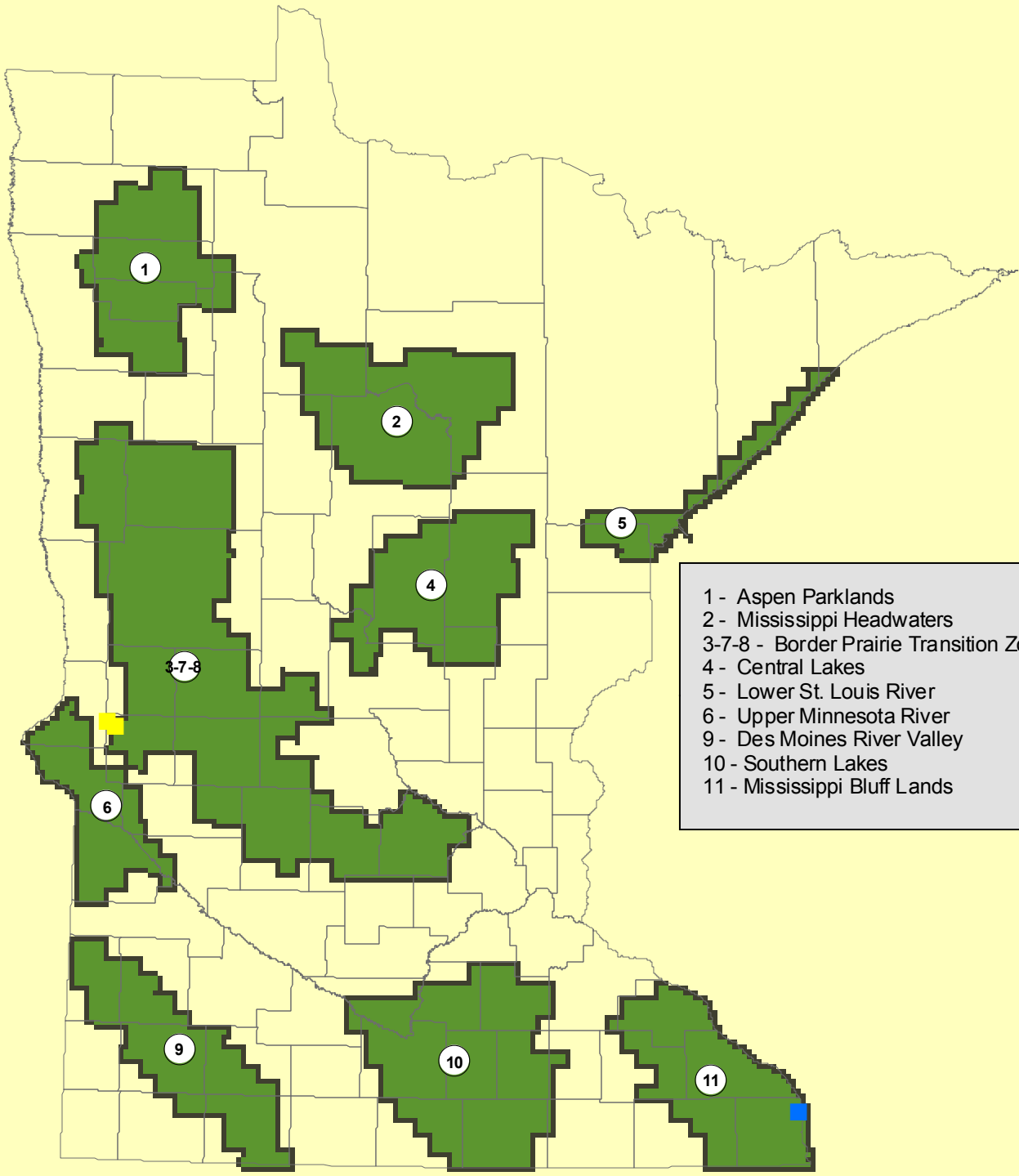
Funding Type Definitions

| | |
|---|--|
| ETF: | 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) |




| | | | | | | | | | | | |
|--|--------------------------------|---------------------|----------------|--------------------------------|---------------------|----------------|--------------------------------|---------------------|----------------|---------------------|----------------------|
| Attachment A: Budget Detail for 2008 Projects | | | | | | | | | | | |
| Project Title: Minnesota Habitat Conservation Partnership - BWSR | | | | | | | | | | | |
| Project Manager Name: Kevin Lines | | | | | | | | | | | |
| Trust Fund Appropriation: \$250,000 | | | | | | | | | | | |
| 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 | <u>Result 1 Budget:</u> | Amount Spent | Balance | <u>Result 2 Budget:</u> | Amount Spent | Balance | <u>Result 3 Budget:</u> | Amount Spent | Balance | TOTAL BUDGET | TOTAL BALANCE |
| Land rights acquisition (<i>less than fee</i>) | 250,000 | 250,000 | 0 | | | 0 | | | 0 | 250,000 | 0 |
| COLUMN TOTAL | \$250,000 | \$250,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$250,000 | \$0 |

Habitat Conservation Partnership RIM Reserve

3E



- 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