

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** GLRI-00E00876-sub5

**Name:** Wildwood Island Restoration

**Type:** Great Lakes Restoration Initiative

**Subtype:** Habitat

**Status:** ACTIVE

**Start Date:** 07/26/2011

**End Date:** 12/31/2099

**Purpose:** The purpose of the project is to improve stabilize the banks to reduce loss of riparian habitat and sedimentation, control invasive species, and to improve fish and wildlife habitat within the riparian floodplain. The project includes using bioengineered bank stabilization techniques to stabilize approximately 1,500 linear feet of eroding banks. Approximately 15 acres of invasive species (phragmites, buckthorn, and purple loosestrife) will be managed removed using herbicide treatment. Undesireable tree species (box elder, willow, and cottonwood) will be cut and stumps treated with herbicide to control regrowth. Treated areas will be replanted by seeding native wetland to mesic plant species and planting areas with native fruiting tree and shrubs. An approximate 3 acre backwater complex will be enhanced for waterfowl and northern pike spawning habitat. Currently this area lacks emergent vegetation. Native emergent plants will be planted on the periphery of this area to provide food and cover for fish and wildlife and suitable aquatic vegetation to increase northern pike spawning success.

Additional three years of monitoring and management is proposed to promote establishment of the desired plant communities. Management is expected to include 1-year replacement of planted materials and spot herbicide treatment of the target invasive species.

- Objective:**
- Stabilize approximately 1,500 linear feet sloughing banks on and adjacent to the island to protect existing riparian habitats.
  - Remove target invasive species (phragmites, purple loosestrife, and buckthorn) from approximately 15 acres to improve wildlife habitat.
  - Establish approximately 3 acres of emergent vegetation to enhance northern pike spawning habitat.
  - Improve habitat for resident and migratory birds including waterfowl, terns, black-crowned night heron, green heron, songbirds and raptors.

**Comments:** \$785,000 USGS Hydrology assessment will support design

- Outcome:**
- Managing invasive species and restoring 15 acres of wildlife habitat on Wildwood Island and surrounding riparian areas.
  - Establishing three acres of emergent vegetation suitable for fish spawning habitat.
  - Stabilizing 1500 feet of riparian and island shoreline.

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
HRON, STACY L	COORDINATOR	ACTIVE	09/26/2011		Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
12/31/2011	LAUREL LAST	Progress: 0-25% Cor	This work is being completed in partnership with the City of Sheboygan and Sheboygan County under a sub-award aid agreement. The agreement with these partners has been completed for the design phase of the project. A contractor has been hired to complete project design (along with 2 other projects) and the design is in progress. The QAPP is in progress as well. The USGS has been retained to collect and analyze hydrology and hydraulic data to support these restoration projects (see separate report). Approx. 20% complete Problems encountered: None.

### Project Status Detail

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<b>Question</b>	<b>Answer</b>
1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):	Q1 and Q2 (July 1st through December 31st, 2011)
2. Amount expended this reporting period:	\$500 to Dare Ecosystem Management LLC.
3. Subcontracts or subgrants awarded this reporting period:	City of Sheboygan and Sheboygan County--\$485,000 for design phase for all 3 habitat restoration projects.  USGS--\$68,500 DNR (\$17,000 USGS match) for collection and analysis of hydrology and hydraulic data to support these restoration projects (see separate report). QAPP in progress.
4. QAPP (Project Plan) status:	Services by Dare Ecosystem Management LLC.
5. Local services and/or products purchased this reporting period:	
6. Number of jobs created this reporting period:	None.
7. Work accomplished this reporting period:	This work is being completed in partnership with the City of Sheboygan and Sheboygan County under a sub-award aid agreement. The agreement with these partners has been completed for the design phase of the project. A contractor has been hired to complete project design (along with 2 other projects) and the design is in progress. The QAPP is in progress as well. The USGS has been retained to collect and analyze hydrology and hydraulic data to support these restoration projects (see separate report). Approx. 20% complete Problems encountered: None.
8. Work goals for coming reporting period:	The contractor will complete preliminary project design, begin final project design, and obtain full QAPP approval.

### Actions

Action	Detailed Description	Start	End Date	Status
Habitat Restoration - Instream	The purpose of the project is to improve stabilize the banks to reduce loss of riparian habitat and sedimentation, control invasive species, and to improve fish and wildlife habitat within the riparian floodplain.	*****	12/31/2099	IN_PROGRESS

### Monitoring Stations

Station ID	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
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### Lab Account Codes

Account Code	Description	Start Date	End Date
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### Forms

Form Code	Form Name
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### Methods

Method Code	Description
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### Fieldwork Events

## Wisconsin Department of Natural Resources SWIMS Project Summary

Start Date	Status	Field ID	Station ID	Station Name
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### Documents

Title	Description	Author	Published	Comments
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### Budget

Combined Budgets:

Combined SLOH:

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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