

GLRI Grants 2011: WISCONSIN

1. **Applicant:** University of Wisconsin-Milwaukee
Project Title: Stormwater Management at University of Wisconsin-Milwaukee Power Plant
Funding: \$85,733

Project Description: The University of Wisconsin-Milwaukee will construct a cistern designed to capture the quantity of rainwater predicted to fall on the 13,000 square foot roof of the University of Wisconsin-Milwaukee Power Plant during a two year storm event. The cistern system will drain into a rain garden. This project is expected to reduce the scale and frequency of combined sewer overflows into the Milwaukee Estuary Area of Concern, which will reduce pollution of Milwaukee beaches.

2. **Applicant:** Wisconsin Department of Natural Resources
Project Title: Reducing Invasive Plant Species in Trade in Great Lakes Water Bodies
Funding: \$385,307

Project Description: The Wisconsin Department of Natural Resources will conduct a comprehensive examination of the live plant trade by nurseries, water garden, and aquarium retailers. The grant will support education and outreach to reduce invasive species introductions by the approximately 100 Wisconsin retailers estimated to be involved in this business. Field sampling in areas which are a high risk for invasive species introductions will help inform future management efforts.

3. **Applicant:** Wisconsin Department of Natural Resources
Project Title: Red Swamp Crayfish Prevention, Containment and Eradication
Funding: \$286,843

Project Description: The Wisconsin Department of Natural Resources will contain and eradicate Wisconsin's only known populations of invasive red swamp crayfish from ponds in Washington and Kenosha Counties to protect native crayfish, fish and amphibian populations, and to safeguard nearby Lake Michigan. The project will also monitor for the red swamp crayfish in nearby areas to ensure complete eradication of the species.

4. **Applicant:** University of Wisconsin-Oshkosh
Project Title: Implement Mitigation Strategies at Wisconsin Beaches
Funding: \$1,073,630

Project Description: The University of Wisconsin-Oshkosh will use beach sanitary survey data collected from impaired coastal beaches in Wisconsin to prioritize clean-up activities at 12-20 locations. Beaches will also be redesigned to reduce the impact of nonpoint source

contamination. This project is expected to improve water quality and protect public health at Great Lakes beaches.

5. **Applicant:** Northland College
Project Title: A Targeted Landowner Approach to Watershed Restoration
Funding: \$300,000

Project Description: Northland College will advance the Lake Superior Lakewide Management Plan by working to increase the number and diversity of stakeholders implementing priority projects in the Marengo River and Fish Creek watersheds in the Chequamegon Bay area. This work will involve coordinating the technical implementation capacity of regional County Land and Water Conservation Departments with the outreach capacity of the Bad River Watershed Association to increase landowner adoption of Best Management Practices in priority sub-basins. The partnership will also establish an outreach-implementation model that can be expanded throughout the region by the Chequamegon Bay Area Partnership. Projects will include wetland restoration, livestock fencing, access and crossing improvements, riparian buffer zones, culvert replacements, and stream bank stabilization.

6. **Applicant:** Northland College
Project Title: Lake Superior Binational Forum Lakewide Management Plan Implementation
Funding: \$173,000

Project Description: Northland College will support the Binational Lake Superior Forum's work to implement the following Lakewide Management Plan priorities: 1) develop an Aquatic Invasive Species education and outreach campaign for tourism and water recreation audiences; and 2) increase the number and diversity of stakeholders who are informed about and actively engaged in public dialogue about the impacts of mining in the Lake Superior watershed. The project will also support Forum implementation of the Lake Superior Zero Discharge Demonstration Program.

7. **Applicant:** Door County Soil & Water Conservation Department
Project Title: Implementation of Beach Management Practices to Improve Water Quality
Funding: \$702,300

Project Description: The Door County Soil & Water Conservation Department will design and install green infrastructure measures to reduce, capture, and treat stormwater runoff to improve water quality at public beaches. These measures include the reduction of impervious surfaces near beach areas, installation of rain gardens and bio-filters, and reduction of waterfowl landing and congregation at beaches.

- 8. Applicant:** Outagamie County Land Conservation Department
Project Title: Plum and Kankapot Creeks Riparian Protection
Funding: \$747,741

Project Description: The Outagamie County Land Conservation Department will use this grant to provide incentives for agricultural producers to install vegetated buffer strips on approximately 14 miles of intermittent and perennial streams in the Plum and Kankapot Creek watersheds, which are significant contributors of sediment and phosphorus to the Lower Fox River. The buffer strips will prevent an estimated 1,000 tons of sediment and 6,000 pounds of phosphorus from entering Green Bay in Lake Michigan each year. Fifteen-year operation and maintenance agreements will be used to ensure longevity of the buffers.