

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: GLRI_00E00499-0

Name: Environmental Capping of Renard Island

Type: Great Lakes Restoration Initiative

Subtype: Toxics and Areas of Concern

Status: ACTIVE

Start Date: 10/1/2010

End Date: 12/31/2099

Purpose: The RAP Workgroup recommended closing Renard Island, in the lower Bay of Green Bay to minimize exposure to 2.7M cubic yards of Polychlorinated biphenyls (PCB) and other contaminants contained in sediments placed in the island from the dredging of the Green Bay Harbor.

Objective: Approximately 2,700,000 cubic yards of contaminated sediments have been placed on the island during its operating period. The contaminants of concern are polychlorinated biphenyls (PCBs), mercury and others. These sediments contain PCBs at concentrations generally less than 10 parts-per-million (ppm). Due to a lack of federal funding, the island, although fill to capacity since 1997, has remained unclosed by the USACE, allowing PCB- containing sediment to be in direct contact with the humans, birds and animals. With GLRI funding, Brown County is proposing to complete the environmental capping of Renard Island on its own, without USACE involvement. With GLRI grant funds, Brown County will complete the project more cost-effectively and within the WDNR deadline.

Comments: \$2,000,000

Outcome: Environmentally capping Renard Island will essentially eliminate or significantly reduce exposure to toxic substances, such as PCBs and mercury, currently contained in the island. The health and integrity of wildlife populations and habitat will be protected by the cap from the underlying toxic substances. The continuing availability of dust- containing toxic substances is eliminated by environmentally capping. The uptake of toxic substances by plants and animals will also be eliminated by environmentally capping.

Environmentally capping Renard Island will contribute towards restoring lower Green Bay AOC and removing the beneficial reuse impairment. The island and wetlands will provide nesting and brood rearing habitat for waterfowl, shorebirds, and water birds.

This project is engineeringly feasible, technically sound, safe, and will provide historic ecological benefits along with navigational benefits. This project has been extensively studied and engineered to ensure project goals and objectives are met. Project performance will be measured by Brown County and public opinion.

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Haen, Dean	COORDINATOR	ACTIVE	10/12/2010		Brown County	

Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

Project Status Detail

Actions

Wisconsin Department of Natural Resources
SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Sediment Remediation	The RAP Workgroup recommended closing Renard Island, in the lower Bay of Green Bay to minimize exposure to 2.7M cubic yards of Polychlorinated biphenyls (PCB) and other contaminants contained in sediments placed in the island from the dredging of the Green Bay Harbor.	10/1/2010	12/31/2099	PROPOSED

Monitoring Stations

Station ID	Name	Comments
------------	------	----------

Assessment Units

WBIC	Segment	Local Name	Official Name
------	---------	------------	---------------

Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

Forms

Form Code	Form Name
-----------	-----------

Methods

Method Code	Method Description
-------------	--------------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

Documents

Title	Description	Author	Published	Comments
2011 GLRI Grant-Renard Island Project.doc				
Environmental Capping of Renard Island, GLRI cover, Haen		Haen, Dean	2/2/2011	
Environmental Capping of Renard Island, GLRI proposal, Haen		Haen, Dean	2/2/2011	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------

5/20/2024

**Wisconsin Department of Natural Resources
SWIMS Project Summary**