

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: GLRI_37734982

Name: Development of Optics to Quantify Organisms in Ballast Water

Type: Great Lakes Restoration Initiative

Subtype: Invasive Species

Status: ACTIVE

Start Date: 10/1/2010

End Date: 12/31/2099

Purpose: Propose a 3-year project to research and develop instrumentation that monitors ballast water and measures whether or not it adheres to the international regulations.

Objective: Specifically, we will develop technology which results in fair estimates of the number of particles suspended in a cubic meter/milliliter of water and the amount of viable ones among them. We will investigate technologies which will separate the viable organisms >50 µm from the water. Ground-proofing will be in cooperation with The Port of Milwaukee and the outreach program with Discovery World in Milwaukee.

Comments: \$378,959

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Strickler, Rudi J	COORDINATOR	ACTIVE	10/12/2010		Great Lakes Water Institute, UW - Milwaukee	

Project Statuses

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

Project Status Detail

Actions

Action	Detailed Description	Start Date	End Date	Status
Watercraft Inspections Clean Boats, Clean Waters	Propose a 3-year project to research and develop instrumentation that monitors ballast water and measures whether or not it adheres to the international regulations.	10/1/2010	12/31/2099	PROPOSED

Monitoring Stations

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

Assessment Units

WBIC	Segment	Local Name	Official Name
15010	1	Milwaukee Harbor	Milwaukee Harbor Outer

Wisconsin Department of Natural Resources SWIMS Project Summary

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
Development of Optics to Quantify Organisms in Ballast Water		Strickler, J Rudi	2/1/2011	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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

7/25/2024

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