



Narrative Proposal

a. Summary Information Page

a(i). Funding Opportunity Number, Focus Area, and Category:

Invasive Species Control
EPA-R5-GL2015-ISC

a(ii). Project Title:

Les Cheneaux Islands Eurasian Watermilfoil Control

a(iii). Applicant Information:

Applicant: Michigan Tech Research Institute, Michigan Technological University
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a(iv). Type of Organization:

College and University - Public University

a(v). Proposed Funding Request:

\$470,407

a(vi). Project Duration:

January 1, 2016 to December 31, 2017

a(vii). Brief Project Description:

This project will implement a medium-scale (up to 10 acres/year) biopesticide treatment using the indigenous fungus Mt and other techniques for control of invasive Eurasian watermilfoil in the Les Cheneaux Islands of Lake Huron. Treatment outcomes as well as longer-term effects of previous releases of the fungus and a milfoil weevil will be evaluated using field surveys and multi-scale remote sensing and mapping across an 800-acre area, and shared through outreach. The project will help promote public recreational opportunities in an area where they have high economic value and improve ecosystem function by restoring and retaining native aquatic vegetation species.

a(viii). Project Location:

Les Cheneaux Islands, Lake Huron MI
HUC: 04070002 - Carp-Pine; Lat./Lon: 45.985520,-84.354321