



US Army Corps
of Engineers

C-GLFER-White River Sea Lamprey Barrier and Trap, Newago County, MI

Invasive Species Focus Area

Project Location: The White River Sea Lamprey Barrier and Trap project is located in Newago County, Michigan. Potential barrier sites include the mouth area, U.S. 31 road crossing, and Fruitvale Road crossing. The property ownership varies by site (government, private).

Project Description: The purpose of the project is to integrate a permanent attractant water trap with the construction of a new barrier on the White River, which would enhance sea lamprey control through the removal of additional spawning-phase sea lampreys, and the enhancement of spawning-phase sea lamprey assessment. This project is authorized under Section 506 of WRDA 2000, as amended - Great Lakes Fishery and Ecosystem Restoration (GLFER).

Non-federal Partner: Great Lakes Fishery Commission (GLFC) and the Michigan Department of Natural Resources (MDNR)

Project Benefits: Depending on the site chosen, up to 618 stream miles will be protected from sea lamprey infestation. Lampricide use and program cost (larval assessment and treatment) will be reduced. Spawning-phase assessment will be enhanced. A larger proportion of the spawning-phase sea lamprey population will be captured and removed.

Project Status: The Preliminary Restoration Plan (PRP) was approved in FY13 and detailed feasibility studies were initiated in FY14. Limited data gathering, hydraulic modeling, site selection, alternative evaluation and conceptual design activities have occurred to date, based on initially identified concerns regarding flood plain inundation and fish passage. If these concerns can be alleviated, preparation of the integrated Detailed Project Report (DPR) and Environmental Assessment (EA) would resume, potentially resulting in completion of the Feasibility phase in FY18. Following preparation and execution of the Project Partnership Agreement (PPA), detailed design would commence in FY19 with award of a construction contract possible in FY20.



Estimated Project Costs	
Federal	3,285,000
Non-Federal	1,715,000
Total	5,000,000

Project Milestones	
Submit feasibility report to LRD:	Nov 2018
Advertise construction contract:	Apr 2020
Award construction contract:	Jun 2020

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