



US Army Corps
of Engineers

C-GLFER-Days River Sea Lamprey Barrier and Trap, Delta County, MI

Invasive Species Focus Area

Project Location: The Days River Sea Lamprey Barrier and Trap project is located in Delta County, Michigan.

Project Description: The purpose of the project is to integrate a permanent attractant water trap with the construction of a new barrier on the Days 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. The barrier on the Days River has historically been inundated during spring flows. Additionally, ATV riders have displaced rip rap below the barrier possibly affecting the vertical drop between the barrier crest and tailrace elevation such that lamprey could navigate over the barrier. The Days River is treated annually to kill new recruits and prevent an offshore population from developing. The costs of this treatment are not high, but treatment upstream of the barrier can be problematic due to low flows in the upper distribution sites. Raising the crest on the barrier will prevent sea lamprey from migrating upstream of the barrier. 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: Fifty (50) 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 initiated in FY14. Concerns with economic justification of the project have resulted in this project being placed on hold until additional information is obtained. Depending upon the results of additional TFM treatment frequency and effectiveness upstream of the existing river infrastructure, it is possible this project could move forward in subsequent FY's in an effort to ensure long-term sea lamprey infestation in the Days River and adjacent off-shore locations is minimized.



Estimated Project Costs	
Federal	650,000
Non-Federal	350,000
Total	1,000,000

Project Milestones	
Submit feasibility report to LRD:	TBD
Advertise construction contract:	TBD
Award construction contract:	TBD

Point of Contact
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