



US Army Corps
of Engineers

CAP-1135-Manistique Sea Lamprey Barrier, Manistique, MI

Invasive Species Focus Area

Project Location: The City of Manistique, Schoolcraft County, MI. The Manistique River watershed encompasses approximately 1480 square miles. The proposed barrier location is just north of the U.S. 2 Highway Bridge over the Manistique River in the vicinity of the Manistique Papers, Inc. dam. The project is within the Manistique Area of Concern.

Project Description: The sea lamprey is a non-indigenous species that gained access to the Great Lakes in the early 1900's. They were a major cause of the collapse of lake trout, whitefish and chub populations during the 1940's and 1950's. The existence of the Great Lakes fishery would be at stake without the control of this exotic species. This project is authorized under Section 1135, Water Resources Development Act of 1986, as amended – Project Modifications for Improvement of the Environment.

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

Project Benefits: Preliminary planning documents indicate that without control efforts, the Manistique River would produce about 42,000 sea lamprey per year to add to the Lake Michigan-Huron population. It is expected that a properly designed barrier would be nearly 100% effective at removing the remaining sea lamprey recruits from upstream areas. A barrier on the Manistique would be a significant tool in the battle to control sea lamprey populations. The barrier will protect 275 river miles from sea lamprey access and spawning.

Project Status: Currently Energy and Water funding is being used to complete the feasibility study. Scheduled funds would be used to obtain Detailed Project Report approval. A Project Partnership Agreement could then be executed and preparation of plans and specifications could be initiated. Currently the Michigan Department of Natural Resources and the Michigan Department of Environmental Quality are negotiating over a Joint Permit Application and we are awaiting MDEQ input. A 2nd permit Correction Request was issued by the MDEQ on December 22, 2015. Corrections are currently being addressed by both the Corps and the MDNR. USDA and MDNR are coordinating a real estate transaction for some of the required project property. FY16 activities include completing the permit application and receiving report approval.



Estimated Project Costs	
Federal	2,700,000
Non-Federal	1,300,000
Total	4,000,000

Project Milestones	
Feasibility Report Approval	
Advertise construction contract	
Award construction contract	

Point of Contact
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