



US Army Corps  
of Engineers

# C-GLFER-Union Street Dam Sea Lamprey Trap, Grand Traverse County, MI

## Invasive Species Focus Area

**Project Location:** The Union Street Dam Sea Lamprey Barrier and Trap project is located in Grand Traverse County, Michigan, on the Boardman River.

**Project Description:** The purpose of the project is to integrate a permanent attractant water trap in conjunction with potential repairs of the Union Street Dam, 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 Union Street Dam on the Boardman River has historically prevented sea lampreys from migrating upstream. Recently, upstream escapement has been noted and subsequent lampricide treatments have been conducted to control recruitment. Inspection of the barrier indicated deterioration of the stoplogs, which was allowing sea lamprey passage to the upper Boardman River. Repair of the stoplogs and investigation of the structure stability will ensure that sea lamprey remain blocked at this location. Portable assessment traps are currently used in the Boardman River to capture spawning-phase sea lampreys. These portable traps perform well, but historically permanent traps integrated with barriers and using attractant water have performed more effectively than portable traps. 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 and the Michigan Department of Natural Resources

**Project Benefits:** One hundred and thirty 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:** Per coordination with the US Fish and Wildlife Service (USFWS), preparation of the Preliminary Restoration Plan (PRP) is on hold pending the result of actions being undertaken by USFWS and local interests in regard to weir repairs at the Union Street Dam.



Estimated Project Costs	
Federal	325,000
Non-Federal	175,000
Total	500,000

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

Point of Contact
Carl Platz, 616-842-5510 ext 25521, Carl.A.Platz@usace.army.mil