

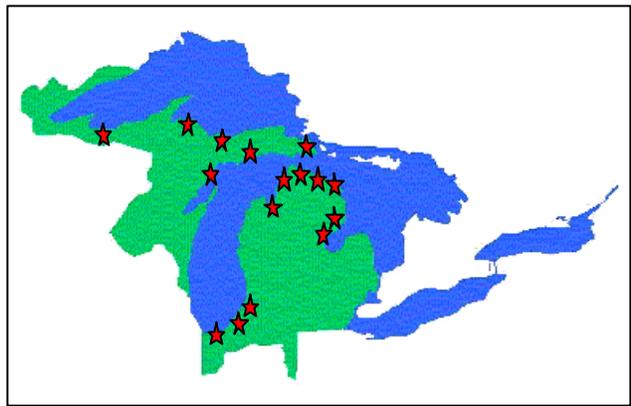
**PROJECT FACT SHEET
(24 Feb 2004)**

PROGRAM/PROJECT: Great Lakes Sea Lamprey Barrier/Trap Program

PROJECT DESCRIPTION AND SIGNIFICANCE: 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. Barriers and traps are two methods contributing to the control of this species. Barriers are constructed on streams to prevent sea lampreys from reaching spawning grounds. Current barrier designs include low head and variable crest dams. Barriers generally include a fish way and/or jumping pool to pass other fish, also an important concern in the Great Lakes. Traps are used to capture pre-spawn lampreys; male lampreys are sterilized and released to mate with females and produce infertile eggs.

CONGRESSIONAL INTEREST: Galien River and Paw Paw River - Congressman Fred Upton (R) MI-6, MI Senators Levin (D) and Stabenow. Kid's Creek, Carp Lake River, Black Mallard Creek, Schmidt Creek, Cheboygan River, Rapid River, St. Marys River, Rifle River, Au Gres River, Manistique River, Sucker River, Harlow Creek – Congressman Bart Stupak (D) MI-1, MI Senators Levin (D) and Stabenow (D). Bad River – Congressman David Obey (D) WI-7, WI Senators Feingold (D) and Kohl (D). Trail Creek Congressman Peter Visclosky (D) IN-1, IN Senators Bayh (D) and Lugar (R).

LOCATION MAP AND PICTURE:



NON-FEDERAL PROJECT SPONSOR: The Great Lakes Fishery Commission is the non-Federal sponsor (POC Marc Gaden 734-662-3209 ext 14). The Commission was created by international agreement in 1954 to facilitate coordinated fisheries management in the Great Lakes; sea lamprey control is one of the Commission's major duties.

PROJECT AUTHORITY: Section 1135(b) of the Water Resources Development Act of 1986, as amended

FUNDING:

	<u>Total</u>	<u>Federal</u>	<u>Non-Federal</u>
Funds Expended prior to FY04	\$1,961,000	\$1,961,000	\$ 0
Funds allocated in FY04	\$ 322,000	\$ 322,000	\$ 0
FY05 Budget	\$ 0	\$ 0	
Funds that could be used in FY05	\$1,500,000	\$1,000,000	\$500,000
Funds required annually (>FY05)	\$1,500,000	\$1,000,000	\$500,000

STAGE: The Detroit District currently has 16 lamprey barrier or trap projects in various stages of planning and design throughout the Great Lakes basin. FY04 funding levels are severely limiting/delaying project delivery. FY05 funds could be used to continue planning and design and to initiate construction on 2-5 projects.

STATUS: .The Commission's goal is to request approximately 3-5 new projects each year, with the long-term intention of constructing barriers on as many as 60 tributaries. We expect to complete Planning and Design Analysis or Feasibility/Plans and Specs and begin construction on 2-3 barriers annually, beginning in FY05.

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