



SPRINGVILLE DAM, SPRINGVILLE, NY

Section 506 of the Water Resources Development Act of 2000
Great Lakes Fisheries and Ecosystem Restoration (GLFER)
Construction General (CG)

Location

- Cattaraugus Creek is the natural boundary for Erie and Cattaraugus Counties and is approximately 30 miles south of the city of Buffalo. It flows through the Seneca Nation's Cattaraugus Territory on its way to Lake Erie

Project Description

- The Springville Dam is 40 ft high, 388 ft wide and it blocks fishery access to the upper 34 miles of Cattaraugus Creek. The feasibility study will evaluate an array of measures which will allow steelhead and other species access to the upstream reaches of Cattaraugus Creek and associated tributaries
- The feasibility phase is Federally funded.
- Design and Implementation is cost-shared 65% Federal and 35% non-Federal

Importance

- This project supports Lake wide Management Plan (LaMP) goals: Maintain/Restore ecosystem to support self-reproducing diverse biological communities. This feasibility study will evaluate alternative plans and recommend the plan which provides the greatest environmental impact
- Fish passage to the upper reaches of the Cattaraugus Creek and its associated tributaries will make this watershed the most important fishery in the Northeastern United States

Consequences

- Without a feasibility study, quantifying ecosystem and economic benefits associated with fish passage cannot be done. Fish passage would not be realized under GLFER

	Est. Total Cost of Phase	Federal Funding through FY12	FY13 Requirement	FY13 Budget	FY14 Requirement	FY14 Budget
Feasibility	\$1,284.5K	\$924.5K*	\$360K	\$150K	\$210K	\$0
Design & Implementation	\$3,715.5K	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,000K	\$924.5K*	\$360K	\$150K	\$210K	\$0

*\$504.5K funded through Great Lakes Restoration Initiative (GLRI) Program

Project Sponsor/Customer

- New York State Department of Environmental Conservation through a letter of request in January 2007, renewed in March 2011

Congressional Interests

- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Current Status

- Reports completed: Ice Study, Sediment Transport Model, Dam Inspection, Cultural Resources Phase 1 Investigation, and updated Project Management Plan. Three dam alteration alternatives and three fish passages have been identified. The Detailed Project Report draft will be completed in April 2013

Issues

- Springville Dam does not meet current design safety standards. Any modification to the dam must include bringing the dam into compliance
- Limiting sea lamprey (invasive species) movements and reproduction should remain a critical consideration of this project.
- There is currently \$210K funding shortfall to complete the feasibility study in FY13



Springville Dam (also known as Scoby Dam), Springville, NY



Powerhouse at Springville Dam, Springville, NY

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