US Army Corps of Engineers
Buffalo District

FACT SHEET

February 2015

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

- The dam is located in the village of Springville, Erie County in western New York on the Cattaraugus Creek. It is approximately 30 miles south of Buffalo and is 34 miles upstream of the Lake Erie confluence. Cattaraugus Creek is the natural boundary separating Erie and Cattaraugus Counties.

Project Description

- Restore ecological connectivity of the upper Cattaraugus Creek watershed to the downstream areas of creek and Lake Erie.
- The preferred plan lowers the dam spillway and replaces it with a sea lamprey (invasive species) barrier and fish ramp. At the top of the ramp will be a stoplog weir, a jump pool and a lamprey trap. The stoplogs will be removed during non-lamprey spawning season allowing unrestricted access.

Importance

- This project supports Lakewide Management Plan (LaMP) goals: Maintain/restore ecosystem to support self-reproducing diverse biological communities.
- The upper Cattaraugus Creek and its tributaries are all of higher quality than downstream of the dam with regards to water quality and spawning habitat.

Consequences

- Not restoring ecological connectivity will deny fish communities above and below the dam increased richness and abundance.

Project Phase	Est. Federal Cost of Phase	Federal Funding through FY14	FY15 Requirement	FY15 Budget	FY16 Requirement	FY16 Budget
Feasibility	$997K	$1,204K[1]	$150K[1]	$0	$0	$0
Design & Implementation[2]	$3,382K	$0	$100K	$0	$330K	$0
TOTAL	$4,379K[3]	$1,204K	$250K	$0	$330K	$0

[1]Most of these funds will be retroactively cost shared at the beginning of PED, after the PPA is completed.
[2]Includes PPA completion.
[3]Total project cost (Federal plus Non-Federal) is estimated to be $6,600K.

Current Status

- The Detailed Project Report and Environmental Assessment is completed and being reviewed for final certification.
- A draft Project Partnership Agreement has been sent to the non-Federal sponsors for review and concurrence.
- Erie County has committed $470K toward the Non-Federal cost share.

Project Sponsors

- New York State Department of Environmental Conservation through a letter of request in January 2014.
- Erie County through a letter of intent February 2014.

Congressional Interests

- Representative Tom Reed R-NY-23
- Representative Chris Collins R-NY-27
- Senator Charles Schumer D-NY
- Senator Kirsten Gillibrand D-NY

Issues

- Springville Dam does not meet current design safety standards. Any modification to the dam must include bringing the dam into compliance and involve Type 2 IEPR procedure.
- Limiting sea lamprey movements and reproduction should remain a critical consideration of this project.

Figure 1. Springville Dam - Looking upstream, before modification.

Figure 2. Springville Dam - Artist's rendering of completed fish passage ramp with sea lamprey barrier.

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