



**US Army Corps  
of Engineers®**  
New York District

# HOOSIC RIVER RESTORATION, Adams, Massachusetts

**Project Modifications for Improvement of the  
Environment**

## FACT SHEET

**DESCRIPTION:** Three separate Corps flood damage reduction projects have been constructed along the Hoosic River to protect surrounding towns. A tributary to the Hudson, the Hoosic River is one of the few ecosystems in Massachusetts that still contains a viable self-sustaining population of wild trout. Flood damage reduction features, including a concrete flume and rip-rap levees, have contributed to conditions unsuitable for the perpetuation of wild trout populations. This study will seek to alleviate environmental degradation problems along the Hoosic River. Budgetary and policy constraints will limit alternatives to those which will not alter the existing flood damage reduction capacity of the channel, and will not alter the high velocity portions of the channel. Options to be considered may include the creation of additional stream cover, the modification of the natural bottom portions of the channel to create habitat, similar modifications in the trapezoidal riprap portions of the channel, and the modification of the drop structures for habitat improvement.

**AUTHORIZATION:** Section 1135(b) of WRDA, 1986, as amended.

**STATUS:** The feasibility phase was initiated in February 2002 and subsequently suspended due to funding shortfalls. The study was reinitiated in 2006 as Federal funds became available, and the scope of study was modified in coordination with the non-Federal sponsor, a consortium of interests represented by the Berkshire Regional Planning Commission. Detailed computer hydraulic and hydrologic modeling is currently underway at the Engineering Research and Development Center in Vicksburg, TN, to assure that any modifications will not impact the flood damage reduction capacity of the channel. In addition, stream temperature modeling is currently being conducted at the Corps New England District on the above referenced alternatives to determine if they are effective in reducing the diurnal and overall temperature within the flood control channel. It is anticipated that a draft feasibility report will be ready by December 2009.

### STUDY COST:

Estimated Study Costs:	\$1,100,000
	<hr/>
Total	\$1,100,000

**CONTACT:** Ms. Karen Ashton, P.E., Project Manager,  
 Mail to: [Karen.Ashton@usace.army.mil](mailto:Karen.Ashton@usace.army.mil), (917) 790-8607  
 U.S. Army Corps of Engineers, New York District  
 26 Federal Plaza  
 New York, NY 10278  
<http://www.nan.usace.army.mil>

District area: MA #1, Congressional Member: John W. Olver