US Army Corps of Engineers

Whittlesey Creek, Wisconsin

Great Lakes Tributary Model Program (Section 516e, WRDA 96)

Project Location: The Whittlesey Creek watershed includes 38 square miles of land in Bayfield County, Northern Wisconsin.

Project Description: The Whittlesey Creek discharges to Lake Superior through the Ashland Harbor and a federally maintained navigation channel, just northwest of Ashland, WI. Approximately two-thirds of the watershed is forested, and 29% is classified as pasture/grassland/hay (1992 National Land Cover Database). Smaller amounts of wetlands, water, and rangeland are also present.

Project Benefits: The Corps of Engineers will utilize a sediment budget for the Whittlesey Creek watershed created by the U.S. Geological Survey to determine the magnitudes of the various sources of mobilized sediment in the watershed. A Sediment Impact Analysis Methods (SIAM) model has been developed and will be applied to both the North Fork reach and the main branch of Whittlesey Creek. A baseline SIAM model has initially been created that identifies sediment transport capacity within the watershed as well as sediment supply in order to determine capacity or supply limitations. Various restoration and management scenarios will in turn be used to assess the feasibility of restoring Coaster Brook Trout to this stream.

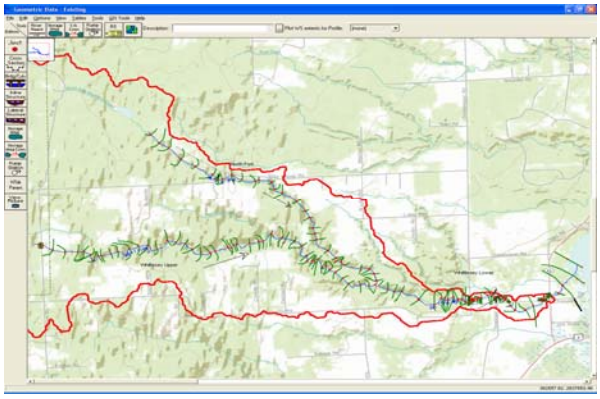
Status: A detailed scoping report was approved in January 2009. Development of the SIAM and HEC-RAS models is complete and the final recommendations are being finalized.

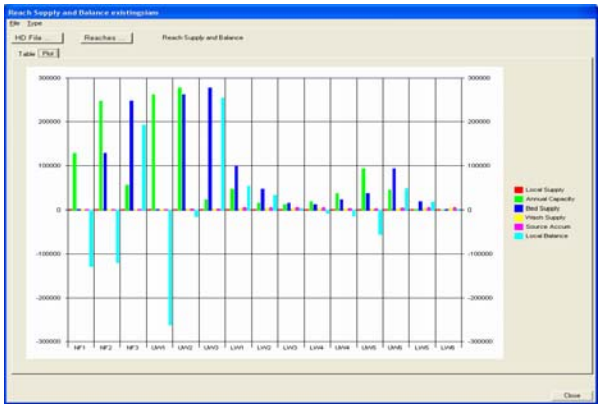
Schedule:

Milestone	Date
Complete scoping report	Jan 2009
Complete model development	Nov 2010
Training workshop	Nov 2010

Project Costs:

Estimated Project Costs	
Federal – E&W	$185,131
Federal – GLRI	$0
Total	$185,131





Project Partners: USGS, NRCS, USFWS, Bayfield County Land and Water Conservation Department, Inter-Fluve, Inc.

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