



**US Army Corps
of Engineers®**
Philadelphia District

PROJECT FACT SHEET

Christina River Watershed Pennsylvania & Delaware

January 2009

CONGRESSIONAL DISTRICTS: Reps. Castle (DE-AL), Sestak (PA-7), Pitts (PA-16)

APPROPRIATION / PHASE:
General Investigations / Feasibility

BUSINESS PROGRAM:
Watershed Planning

AUTHORITY: Senate Committee on Environmental and Public Works Resolution, dated October 29, 1997.

LOCATION: The Christina River watershed is located in New Castle County in Delaware; Delaware, Chester and Lancaster Counties in Pennsylvania; and Cecil County in Maryland. The watershed drains an approximate area of 565 square miles.

DESCRIPTION: The Christina River Watershed has been heavily urbanized since the mid-19th century and many wetland areas were filled in for industrial purposes. A Reconnaissance Study was completed in August 2002. The study identified impaired areas of the watershed and recommended potential solutions for each, including but not limited to ecosystem restoration, fish & wildlife habitat restoration, and flood damage reduction. Based on this study, opportunities within the Christina River Watershed include reducing flood damage, improving aquatic habitat, providing public access to streams and dedicated greenway corridors, and improving water quality. Various solutions to address these problems for specific locations within the watershed will be considered in depth during the feasibility phase, such as riparian buffer enhancement, stream bank stabilization, natural stream channel restoration, construction of fish passages, wetland creation & restoration, and structural flood damage reduction measures.

STATUS: The Reconnaissance Report was completed in FY02. FY03-FY05 funding was used to develop a plan of study, and Feasibility Cost Sharing Agreement (FCSA) for a smaller study within the Christina Watershed involving Red Clay Creek in Delaware. The FCSA was executed in February 2005. FY07 funds were used for Feasibility Study activities, including economic modeling, hydrologic/hydraulic modeling, and preparations for the stream assessment. FY08 funds were used to continue the Feasibility Study activities including stream assessment and hydraulic modeling. FY09 funds are intended to continue feasibility study efforts including problem identification, screening of alternatives, and developing the recommended plan of improvement.

Christina River Watershed, Pennsylvania & Delaware *(continued)*

FINANCIAL DATA (\$000)	Fed	Non-Fed	Total
Feasibility	1,217	1,217	2,435

BUDGET DATA (\$000)	Comments
FY 04	34
FY 06	150
FY 07	250
FY 08	246
FY 09	TBD

SPONSOR: The non-Federal sponsor for the feasibility phase is the Delaware Department of Natural Resources and Environmental Control (DNREC).

COMMENTS: An existing conditions environmental investigation was completed and summarized as part of the Reconnaissance Study. More in depth studies are being conducted as part of the Feasibility Study.

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