

# DCAP

# Facts

## Delaware County Action Plan

# Stream Corridors

The West Branch of the Delaware Rivers covers 353.5 square miles and includes 662.4 miles of streams above the Cannonsville Reservoir. Stream corridors are an important barrier to nonpoint source contaminants entering watercourses. Working with local residents, municipalities, and the Watershed Agricultural Council, stream corridors have been assessed and mapped. Protection measures are being planned and implemented through the Stream Corridor Management Plan according to determined priorities and availability of funds.

The program is being implemented in partnership with the New York City Department of Environmental Protection (DEP) and US Army Corps of Engineers, and is funded by these two agencies for \$1,213,433. The program is a requirement of DEP's Filtration Avoidance Agreement with the US Environmental Protection Agency. In particular, the program will provide guidance to local agencies for future stream corridor management.

The program is using a natural stream channel design concept to assess and address stream bank and channel stabilization, water quality improvement, aquatic habitat enhancement, flood potential, and other pertinent objectives.

### Potential Benefits:

- Protection of agricultural land and public infrastructure;
- Increased stream reach stability;
- Improved aquatic habitat;
- Reduced turbidity, sedimentation, and associated nutrient loading;
- Filtration avoidance;
- Community/interagency participation to explore solutions to a complex issue;



- Expedited permitting for municipalities; and
- Additional cover for upland wildlife.

### Accomplishments to Date:

- Developed Geographical Information Systems (GIS) database;
- Developed database of historic aerial photographs;
- Collected extensive field data;
- Global Positioning System (GPS) mapped West Branch Stem:
  - 25 of 51 stream miles completed;
  - 5.8 bank miles of eroding bank identified (150,000 square feet);
- Partial funding obtained for two identified project reaches;
- Partial funding obtained for one additional project;
- Established a grass roots Project Advisory Committee; and
- Expanded public outreach.

### Local Administrative Contact:

Richard Weidenbach, Executive Director,  
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**DCAP** is a collaborative partnership with the NYS Water Resources Institute, the Catskill Watershed Corporation, the Watershed Agricultural Council, the NYC Department of Environmental Protection, state and federal watershed partners.

The Plan comprehensively addresses all significant nonpoint contaminant sources in the Cannonsville Basin to meet water quality objectives.

For more information on DCAP contact the Delaware County Department of Watershed Affairs.



### Cannonsville Reservoir Basin Delaware County, New York

