



Natural Resources Conservation Service



Town of Somers

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### Fact Sheet

## EMERGENCY WATERSHED PROTECTION PROJECT GULF ROAD, SOMERS, CONNECTICUT

### DISASTER:

During the week of October 7-15, 2005, the State of Connecticut was struck by two very heavy rainfall events. Combined, the rainfall from these two events totaled 9-16 inches across the state. This rainfall resulted in major flooding of several sub-regional river basins in Hartford and Tolland Counties on October 14-15, 2005.

### PROJECT:

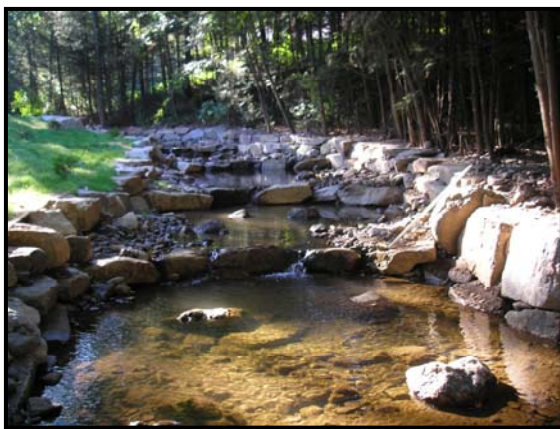
The Gulf Stream was down-cut below the road culverts and widened to double the pre-storm width endangering the road and two houses and washing away part of a septic system.



Before Construction

### MEASURES TAKEN:

Fourteen step pools were installed over a 375 ft. length of the Gulf Stream which partially uplifted the channel elevation reconnecting flows in excess of the 2-year frequency to portions of the floodplain. Areas of the eroded floodplain were re-graded and a rock dike was installed to deflect extreme high flows away from the house area. Numerous trees and shrubs were planted. The stream channel, banks and floodplain were protected against erosion and also provided fish habitat and fish passage. The total contract cost for this project was \$149,865.70.



After Construction

### COSTS: NRCS AND SPONSORS

Natural Resources Conservation Service provided \$112,399.28. CT Department of Environmental Protection and the Town of Somers provided \$37,466.42.

### SMALL BUSINESS CONTRACTOR:

True Blue Environmental Services of Wallingford, Connecticut, was awarded the contract.