

Fact Sheet

EMERGENCY WATERSHED PROTECTION PROJECT EAST PEARL STREET, TORRINGTON, 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 9.6 inches across the state. This rainfall resulted in major flooding of several sub-regional river basins in Litchfield, Hartford, and Tolland Counties on October 14-15, 2005.

PROJECT:

24 ft of gabion baskets fell into Troy Brook downstream of East Pearl Street endangering a City of Torrington septic main. An additional 160 feet of the gabion wall was failing and on the verge of collapse.

MEASURES TAKEN:

The first 24 ft of the failed gabion wall was removed and a concrete pad and a modular block wall was constructed to replace the gabions. To protect the 160 ft of the lower portion of the remaining gabion wall, concrete grout was used to fill the lower gabion baskets to create a stub wall.



Before Construction



After Construction

A plunge pool at the end of the concrete apron was developed; the streambank was reshaped; a new chain link fence was installed, and the area was seeded and mulched.

COSTS: NRCS AND SPONSORS

Natural Resources Conservation Service provided \$61,957.00. CT Department of Environmental Protection and the City of Torrington provided \$20,652.50.

SMALL BUSINESS CONTRACTOR:

Martello III, LLC, of Meriden, Connecticut, was awarded the construction contract.