

Green Innovation Grant Program

Project Title: Waterstone Road Riparian Buffer

Grant Recipient: Village of Greenwood Lake

Location: Orange County

Green Infrastructure Practice: Restoration of Riparian Buffers, Floodplains and/or Wetlands

EFC Grant Amount: \$17,338

Total Project Amount: \$19,391

GIGP ROUND **1**



Construction Completed 06/2010

Project Description:

A GIGP grant funded the restoration of a “riparian buffer” or vegetated area adjacent to the banks of Greenwood Lake, to help protect the lake’s water from nonpoint source pollution. The project will help mitigate stormwater that runs off an adjacent road by planting 2,300 square feet of vegetated buffer.

Riparian buffers are naturally vegetated areas found along streambanks and lakes, which help to protect the waterbody from pollutants by

filtering stormwater runoff before it enters. When undisturbed or restored, riparian zones reduce sediment, nitrogen, phosphorous, pesticides and other pollutants by soaking the water and associated pollutants into the ground and soil where a portion can be broken down. Healthy riparian buffers increase wildlife habitat, stabilize channels and banks, and improve water quality, provide stream shade and temper-ature control and improve overall aesthetics of the shoreline.



A riparian restoration project was installed along Greenwood Lake, a waterbody in Orange County, NY, which has been targeted for phosphorous reduction efforts.

