



GREEN INFRASTRUCTURE in New Jersey



SRF PROJECTS

PROJECT NAME AND DESCRIPTION:

NEPTUNE BASIN, STAFFORD TOWNSHIP, OCEAN COUNTY

The existing detention basin serves 5,400 homes on 355 acres in the New Jersey Pinelands and discharges to an unnamed tributary of Mill Creek and ultimately Barnegat Bay. The basin is sized to handle very small storms.

GREEN INFRASTRUCTURE IN ACTION:

The project includes the proposed retrofit of the existing basin with a trash rack and enhancing the existing vegetation. The trash rack prevents debris, including bottles and other matter, from entering the stream. A total of 92 shade trees, 181 ornamental trees, 90 evergreens, 652 shrubs and a “no-mow” meadow mixture of grasses and flowering plants were planted on the basin bottom. The plants selected are native to the Pinelands; these new plants enhance the removal of nutrients and other pollutants that come from the upstream development.

FUNDING:

The New Jersey Environmental Infrastructure Financing Program awarded \$123,761 to construct this project. More information on this program is available online at www.nj.gov/dep/dwq/mface_njeifp.htm.

