Green Innovation Grant Program

Project Title: Stormwater Retrofit of the Village of Greenwood Lake's Parking Lots

Grant Recipient: Village of Greenwood Lake

Location: Orange County, NY

Green Infrastructure Practice: Permeable Pavement; Bioretention

EFC Grant Amount: $560,000

Total Project Amount: $622,223

GIGP ROUND **2**

Project Completed 09/2012

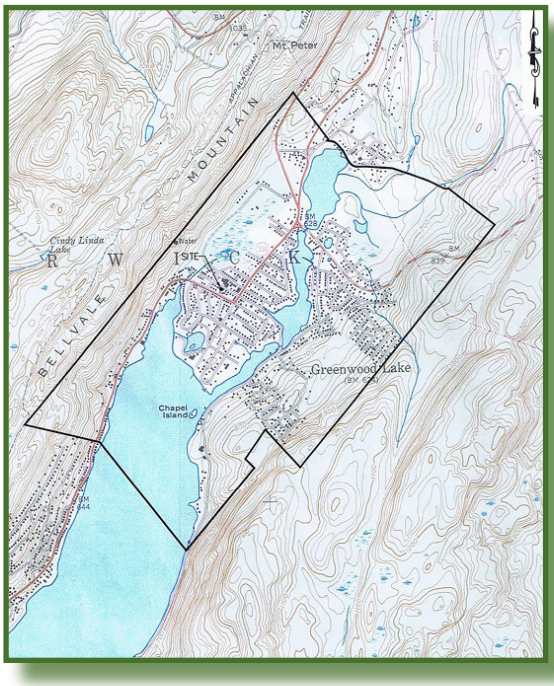
Project Description:

GIGP funding supported improvements to a public library parking lot located near the shores of Greenwood Lake, a seven mile long waterbody located on the border of New York and New Jersey. An existing parking lot will be retrofitted with porous pavement and walkways, and some pavement areas will be replaced with plantings. Waterstone Road, an adjacent street, will be reduced in width, and a pervious paved sidewalk will be added along its length, defining a safer walkway for pedestrians and the schoolchildren who walk along the road.

Rain gardens and stormwater bioretention areas will also be constructed on site, significantly reducing the overall impervious surface, as well as the rate and volume of run-off, and reducing pollutants entering Greenwood Lake, a "Priority Water Body" currently listed as "impaired" by the NYSDEC.

Permeable pavers were installed in a library parking lot.

A site plan illustrates green infrastructure elements.



A topographic map shows watershed boundaries for the site.

518 . 402 . 7461
GIGP@efc.ny.gov
http://www.efc.ny.gov/GIGP