

# Green Innovation Grant Program

**Project Title:** Water & Wastewater System Green Improvements

**Grant Recipient:** Village of Medina

**Location:** Orleans County, NY

**Green Infrastructure Practice:** Rainwater Harvesting, Green Roof, Energy Efficiency

**EFC Grant Amount:** \$1,260,486

(ARRA)

**Total Project Amount:** \$1,400,540

GIGP ROUND **1**



*Project Completed 11/2012*

## Project Description:

In 2009, the Village of Medina in northwestern New York received a GIGP grant to retrofit its municipal wastewater treatment plant with new green infrastructure.

A former stopover point on the Erie Canal, the Village has improved water quality and stormwater management at the plant by incorporating a variety of green practices into the complex, which

include a rainwater harvesting system, green roof, solar units, energy-efficient lighting, effluent-powered heat pumps and biogas-powered heating and power units. Energy efficient lighting now reduces energy use by up to 60% and solar units provide almost 20% of the facility's current electric needs, moving the compost facility closer to its goal of becoming a net-zero energy facility.



*Solar panels and a green roof were among the new green infrastructure installed at a wastewater treatment facility in Medina, NY, a former Erie Canal stop between Rochester and Buffalo, NY.*

