

JORDAN COVE WATERSHED PROJECT

ID	CT0002
Zone	Residential
Type	Multiple BMPs
Installer	Lombardi Inside/Out L.L.C.
Engineering firm	D.W. Gerwick Engineering
Install date	2000-2003
Address	Giovanni Dr.
Town	Waterford
Zip Code	06385
County	New London



Project Narrative:

The Jordan Cove Watershed Project, which began in 1995, is a ten year study designed to investigate the water quantity and quality benefits of the use of LID techniques in an urban/suburban subdivision. Multiple best management practices (BMPs) were used on this project, including a cluster design with shared driveways, grass swales, a permeable paver road, permeable driveway treatments, a bioretention cul-de-sac, rain gardens on individual lots, rain barrels, and a special grass mixture. In addition, other techniques such as direct homeowner education and deed covenants were employed. The goal was to preserve the predevelopment hydrology, and recent results indicate that this is exactly what has happened. Consequently, mass export of most pollutants measured has also decreased.



The project was funded by the DEP through a US EPA §319 National Monitoring Program Project grant. Dr. John Clausen (john.clausen@uconn.edu) in the department of Natural Resources Management and Engineering at the University of Connecticut served as the person directly responsible for the quality and timely completion of the project. In addition, numerous individuals and organizations have

been involved with the Jordan Cove Project. The organizations include Aqua Solutions, L.L.C., Connecticut DEP, University of Connecticut Cooperative Extension System/NEMO, John W. Deering, Inc., D.W. Gerwick Engineering, Lombardi Inside/Out L.L.C., the Town of Waterford, NRCS, and the U.S. EPA. More detailed project information can be found at the following web site:

<http://www.canr.uconn.edu/jordancove/index.htm>