



# Erosion and Sediment Control (ESC) Training Workshop, Puerto Rico

## Center for Watershed Protection

The Horsley Witten Group (HW) and the Center for Watershed Protection (CWP) conducted a two-day erosion and sediment control (ESC) training workshop with the Puerto Rico Department of Natural and Environmental Resources and the Environmental Quality Board (EQB), under funding from the National Oceanic and Atmospheric Administration (NOAA) Coral Reef Conservation Program.

More than 45 participants attended the training. The workshop included one day in the classroom discussing: why ESC at construction sites is important; federal and local ESC regulations and requirements, led by EPA and EQB staff; a review of various vegetative and structural ESC practices; and a small group exercise in reading an ESC plan.

The second day included a hands-on field trip to a nearby construction site where participants installed silt fence, inlet protection, check dams, erosion control blanket, and temporary seeding (with hydroseeder). Back in the classroom, the group brainstormed an alternative ESC plan for the field site, discussed maintenance requirements for ESC practices, and brainstormed challenges and solutions to improving implementation of ESC in Puerto Rico.

Materials for the field work were provided and donated by Alejandro Perez with GRP and JM Caribbean Distributors, as well as the site contractor.

Client Contact:  
Paul Sturm, CWP  
410-461-8323

HW Contact:  
Anne Kitchell, LEED AP

[www.horsleywitten.com](http://www.horsleywitten.com)

- Civil & Environmental Engineering
- Wetlands Management
- Coastal Management
- Hydrogeology & Water Supply
- Stormwater Management
- Wastewater Management
- Site Assessment & Remediation
- Land Use Planning
- Education & Outreach



### Sandwich, MA

90 Route 6A  
Sandwich, MA 02563  
tel: 508-833-6600

### Newburyport, MA

30 Green Street  
Newburyport, MA 01950  
tel: 978-499-0601

### Providence, RI

370 Ives Street  
Providence, RI 02906  
tel: 401-272-1717