



# Protecting Coral Reefs through Improved Stormwater Management

## National Oceanic and Atmospheric Administration (NOAA) Pacific Services Center and Coral Program

In coordination with the NOAA Coral Reef Conservation Program and the Center for Watershed Protection, Horsley Witten Group, Inc. continues to provide technical training and engineering services throughout the Caribbean and Pacific regions to assist island residents and territorial/state agencies in reducing the impacts of stormwater runoff on sensitive coral reefs.

Recent engineering services include:

- Minimizing sediment-laden discharges to Coral Bay, USVI from Calabash Boom Rd., an unpaved, steep, and highly erodible roadway identified as a chronic source of sediment in the 2007 Coral Bay Watershed Management Plan.
- Development of four new island-specific stormwater practice specifications to supplement the Guam/CNMI Stormwater Design Manual.
- Field assessments and development of a watershed planning framework for the Piti/Asan Watershed in Guam.

Recent technical trainings include:

- Field identification of LID retrofit opportunities in the Maunalua Bay watershed for watershed groups and agency staff on Oahu, Hawaii;
- Field identification of pollution prevention opportunities in downtown Garapan, CNMI;
- Better site design and LID training for developers, military engineers, and agency staff on Guam; and
- Erosion control training in Puerto Rico.



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