

## Application Story

PROJECT | AMATIQUE BAY, GUATEMALA  
 Product | Geotube® Marine Structures Technology  
 Application | Jetties

Location  
 Installation

Amatique Bay, Guatemala  
 1997

### The Challenge:

Shoreline protection was needed to prevent erosion and protect a new beach fronting Amatique Bay along the eastern coast of Guatemala.

### The Solution:

Geotube® marine containment technology was used to build a protective jetty. 820 linear feet of Geotube® containers (49' circumference) were installed. A 10-inch cutter head dredge filled the units [photo 2], and a "Y Valve" was used for pressure relief. The Geotube® units were pumped to a design height of 8.8 feet [photo 3].

### The Results:

Five years after the installation, the Geotube® units were fully integrated into the environment with palm trees and vegetation on the jetty structure [photo 4].



### Contact Information:

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