

PROJECT CASE STUDY

US Coast Guard - Puerto Rico Water Conservation Retrofit



ENVOCORE SOLUTIONS

Installations included faucet moderators, hi efficiency showerheads, and low flow toilets (including dual flush tank toilets) at a housing complex, air station, and the main command installation on the island. With this, our first Coast Guard project, RTS Water can say it has worked for all branches of US Military Service.

THE RESULTS

Water conservation was generated by reducing water usage.

Below are the fixtures that were upgraded:

- 1) Toilets
- 2) Moderators, adapters and valves
- 3) Shower heads

PROJECT BACKGROUND

Like other federal agencies, the US Coast Guard in Puerto Rico must reduce energy use in their facilities by 30% from their 2005 baseline by 2015. RTS Water Solutions, a division of Envocore, implemented its first construction project off of the continental United States. The US Coast Guards project had a need for water conservation plumbing fixture retrofits.

ABOUT THE US COAST GUARD IN PUERTO RICO

The US Coast Guard in Puerto Rico is responsible for all Coast Guard missions in the Eastern Caribbean area. This includes enforcement of laws and regulations of the United States relative to national defense, narcotics operations, fisheries management, transportation, marine safety, maritime security, protection of natural resources, waterways management, and to carry out general Coast Guard duties in readiness by the organization, indoctrination, training and discipline of all members assigned.