



Marine Corps Receive Awards for Energy and Resource Conservation

3 Installations, Civilian Marine Honored for Environmental Stewardship in National Competitions

ARLINGTON, Va. –The U.S. Marine Corps is pleased to announce that three of its installations and a civilian Marine were recognized recently for achievements in energy and resource conservation. Marine Corps Base (MCB) Quantico, Va., Marine Corps Air Station (MCAS) Miramar, Calif., Marine Corps Recruit Depot (MCRD) San Diego, Calif., and Mr. Jeff Allen of Camp Pendleton, Calif. were all honored for their accomplishments.

Major General Juan G. Ayala, USMC, Commander of the Marine Corps Installations Command (MCICOM), which exercises command and control of the installations stated: "The winners should be congratulated for their extraordinary efforts to save energy and conserve water. They are a great example of how Marine Corps' bases are responsible stewards of both the environment and U.S. tax dollars, while still fulfilling their mission to support the warfighter."

The Secretary of the Navy (SECNAV) recognized MCAS Miramar and MCB Quantico with its Energy and Water Management Award. MCAS Miramar was able to reduce its energy consumption to 50 percent of its load by generating renewable energy onsite through a landfill and power purchase agreement. MCAS Miramar, which has a goal of energy independence by FY 2017, was also honored by the Department of Energy (DOE) for its efforts. MCB Quantico reduced its facility operations energy intensity by 31 percent (from 2003) and water intensity by 48 percent (from 2007). It also invested more than \$12M in energy efficient lighting and cooling systems, advanced meters and low flow water fixtures

The Marine Corps Recruit Depot (MCRD) in San Diego, Calif. received the Presidential Green Government Award and a Department of Energy (DOE) Award. Their efforts during FY 2012 reduced energy usage by 35.8 billion BTUs and water consumption by 41.3 million gallons from the previous year. These savings had the additional benefit of reducing MCRD's utility costs by \$872,000. To achieve this, the base took steps such as constructing three new Leadership in Energy and Environmental Design (LEED) Platinum-certified buildings. The buildings' features include induction lighting with advanced controls, and gray water (recovery systems and a 990 kilowatt photovoltaic system to offset the connected electrical load by 75 percent). The Depot also built a 1.7 Mega Watt (MW) solar farm, and worked with the Navy Facilities Engineer Command to filter black water for use in subsurface irrigation, saving 365,000 gallons of water a year.

Civilian Marine Jeff Allen of Camp Pendleton was honored with the Federal Energy and Water Management Award. During his 13-year tenure managing the base's energy program, Camp Pendleton has reduced its energy intensity by 20.2 percent and lowered its water intensity by 48.8 percent.

According to the Federal Energy and Water Management Award website, "Allen coordinated on many fronts to establish a successful resource energy manager program, deploy an automated meter infrastructure, expand the base energy management control system, implement a retro-commissioning effort covering an average of two million square feet per year, and conduct audits of the base's 16 million square feet of space leading to \$80 million in projects with estimated savings of \$10 million per year."

MCICOM's goal is for Marine Corps installations to have alternative energy account for 50 percent of all energy consumption by 2020, reduce energy intensity at all installations by 30 percent (from 2003) by 2015, and reduce water consumption by two percent a year through 2020.

For more information about the awards and the winners' achievements, please contact the Public Affairs Officer, Marine Corps Installations Command, Rex Runyon (rex.runyon@usmc.mil).

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