

NAVAL WEAPONS STATION SEAL BEACH

Sustainability - Industrial Installation Award Nomination 2013

Naval Weapons Station Seal Beach, California and its Detachments - located in Fallbrook and Norco, California - provide weapons storage, loading of ready-for-use ordnance, maintenance, weapons systems assessment, and support to ships of the United States Pacific Fleet, U.S. Coast Guard vessels and Marine Corps units stationed afloat and ashore. The three southern Californian installations are consolidated under the command of Seal Beach and are host to Navy Munitions Command CONUS West, Naval Surface Warfare Command – Corona Division, and various USMC and Navy Reserve units. Natural resources stewardship for approximately 14,000 acres, including numerous endangered and sensitive habitats, has heightened leadership's focus on sustainability. A culture of continuous improvement and ownership engages all personnel to help reduce the environmental footprint of our mission operations and facilities management while simultaneously enhancing long-term readiness.

Naval Weapons Station Seal Beach employs its Environmental Management System (EMS) as the primary framework to achieve Executive Order goals and overall sustainability. Led by senior leadership, goal setting and achievement is fully integrated with installation strategic and facilities sustainment planning, and complimented with a drive for continued improvement.

Highlighted accomplishments include :

- Hazardous Waste (HW).** An opportunity assessment was performed in conjunction with the SMART Shop initiative to achieve the 10% reduction goal. In FY13 HW generated was reduced from 78,422 lbs. to 53,406 lbs. across all three installations, achieving a 32% reduction.
- Water Conservation.** Innovative approaches to water conservation at Det. Norco saved both water and money with no visual impact to allow historical status of the former Lake Norconian Resort to be preserved.
 - 22.5 million gallons of potable water per year (19% water usage reduction)
 - \$62,600 saved
- Low Impact Development (LID).** 100% LID implementation, using in-house LID analysis and design where feasible to reduce contract cost. LID projects achieved:
 - Sustained storm water quality and quantity based on visual observations and sampling.
 - LID landscape decreased use of irrigation while improved base appearance.
- Energy Conservation.** Achieved major reduction in energy intensity over the past two years. Highlight: Navy Munition Command CONUS West HQ Building, 2nd largest CNIC energy consumer, through NO COST cultural shift (achieved through training and outreach) reduced the annual gas bill from \$35,000 down to \$10,000, and decreased the total energy consumption of the facility by 58%.
- Sustainable Solid Waste.** The Sustainable Solid Waste (SSW) Program has consistently exceeded DoD waste diversion goals since FY10. During the past 2 years, over 1,300 tons of waste (excluding construction and demolition waste) have been diverted to achieve diversion rates of 61% in FY12 and 56% in FY13. In FY13, construction and demolition waste was diverted 97% from landfills.
- Stakeholder and Community Involvement.** Continued public outreach and participation, both internal and external to the station. Examples include: America Recycles Day, Area Plan Spill Response with Coast Guard and other State and Federal Agencies, Det. Fallbrook's Integrated Natural Resource Management Plan Climate Change Adaption project with regional stakeholders, and a sea water intrusion partnership with Orange County Water District.