



# 2022 Secretary of Defense Environmental Awards



## MARINE CORPS BASE HAWAII

*Natural Resources Conservation, Small Installation Award*



Threatened Hawaiian green sea turtle basking on Pyramid Rock Beach, Marine Corps Base (MCB) Hawaii. MCB Hawaii conducted six outreach events in 2021 during sea turtle nesting season. Ninety-two participants, including MCB Hawaii leaders, local officials, and elementary-school students and their families, explored sea turtle conservation.



3rd Marine Regiment Combat Assault Company participating in annual "Mud Ops" training inside Nu'upia Ponds Wildlife Management Area. The training involves maneuvering assault vehicles within wetlands in ways that support endangered species' habitat, making natural resources management and military training identical.



## NAVAL AIR STATION PENSACOLA NATURAL RESOURCES TEAM, FLORIDA

*Natural Resources Conservation, Individual/Team Award*



Following Hurricane Sally in September 2020, the Naval Air Station Pensacola Natural Resources Team assessed damage and worked tirelessly to clean up the installation and restore natural resources. The team supported an emergency timber salvage to recover hurricane-damaged timber and improve forest health.



The team consists of Natural Resources Manager Mr. Michael Hardy (left) and Area Forester Ms. Anna Lizana (right). The team is committed to providing innovative and cost-effective approaches to wildlife conservation, habitat restoration and enhancement, and sustainable forest management to support the military mission.



## SHAW AIR FORCE BASE, SOUTH CAROLINA

*Environmental Quality, Non-Industrial Installation Award*



Two newly installed above-ground storage tanks (ASTs) replaced three aging underground storage tanks (USTs) in the Aerospace Ground Equipment yard. The two environmentally safer AST systems replaced UST capacity of 48,000 gallons with only 11,000 gallons of above-ground storage.



Shaw Air Force Base Plant Operator Mr. Tony Quercero and South Carolina Dept. of Health and Environmental Control Inspector Ms. Shemeka Galloway review aerator basins at the base's wastewater treatment plant, which serves close to 20,000 personnel and has operated without interruption or permit violation for over 12 years.



## AIR FORCE RADIOACTIVE RECYCLING AND DISPOSAL TEAM, WRIGHT-PATTERSON AIR FORCE BASE, OHIO

*Environmental Quality, Individual/Team Award*



Mr. Seth Walton disassembles a Navy Shipboard Chemical Agent Detector Alarm. AFRRAD provided the Navy with a radioactive material (RAM) recycling outlet for chemical agent detection alarms, which cut waste volumes by over 99 percent and enabled recycling of radioactive sources.



The AFRRAD Team (left to right: Mr. Brian Mitchell, Mr. Seth Walton, Mr. Christopher Anthony, Mr. Zachary Olds) is solely responsible for low-level radioactive waste and low-level mixed waste disposal for the Department of the Air Force and provides RAM recycling for DoD.



## NAVAL WEAPONS STATION SEAL BEACH AND DETACHMENT FALLBROOK AND NORCO, CALIFORNIA

*Sustainability, Industrial Installation Award*



Naval Weapons Station Seal Beach Hazardous Waste Team (left to right): Mr. Richard Wilson, Mr. Justin Wilhelm, and Mr. Steve Crandall. In Fiscal Year (FY) 2020-21, the team diverted over 2,720 tons of construction and demolition waste, saving the Navy \$183,500 in disposal cost.



Charging stations for Private Owned Vehicles at the installation's Navy Exchange. From May 2020 to September 2021, the Exchange electrified 5,504 kilowatt hours for charging electric vehicles, which saved 3,287 kilograms of greenhouse gases, the equivalent of 690 gallons of gas.



## MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

*Environmental Restoration, Installation Award*



Field team member Mr. Matt McClanahan records sampling locations and surface water quality parameters digitally. MCB Camp Lejeune uses digital data capture devices in the field to reduce paper waste and increase data transfer efficiency.



In FY 2020-21, MCB Camp Lejeune evaluated alternative treatment technologies across sites to address contaminated groundwater and expedite site closure. This subgrade biogeochemical reactor treated about 93,000 gallons of groundwater at Installation Restoration Program Site 93.



## GLENBROOK ROAD REMEDIAL ACTION TEAM, U.S. ARMY CORPS OF ENGINEERS NORTH ATLANTIC DIVISION, MARYLAND

*Environmental Restoration, Individual/Team Award*



A tent covering the Glenbrook Road Remedial Action site enabled safe, efficient work. The team remediated, removed, or recovered 556 munition items, 2,139 pounds of laboratory debris, 53 intact and sealed glass containers of chemical agent, and 7,500 tons of contaminated soil.



Ordnance and Explosive Safety Specialist Mr. James Ennis prepares a 75 mm munitions debris item for cutting on a remotely operated bandsaw. Cutting a munition item helps render it safe by allowing observers to confirm that the item is empty and no longer intact.



## TEXAS ARMY NATIONAL GUARD

*Cultural Resources Management, Large Installation Award*



The cultural resources management program rehabilitated Building 1 at Camp Mabry, a World War II-era structure now serving as offices and a historic-district centerpiece. The rebuilt Building 1 meets historic standards with full State Historic Preservation Office concurrence.



Former Cultural Resources Manager Ms. Kristen Mt. Joy meets with Mescalero Apache Representatives Mr. Arden Comanche, Cultural Advisor, and Mr. Jacob Dukai, Cultural Specialist, during a hybrid consultation meeting at Camp Maxey, August 2021.



## C-130 PROGRAM OFFICE AND SUPPORT TEAM, ROBINS AIR FORCE BASE, GEORGIA

*Environmental Excellence in Weapon Systems Acquisition, Individual/Team Award*



The C-130 Program Office and Support Team. Left photo (L to R): Mr. Thompson, Mr. Detring, Mr. Stovall, Ms. Kuemmerle, and Ms. Gubbs. Right photo (L to R): Mr. Forgue, Mr. Ward, Mr. Ballard, Mr. Rhoad, Mr. Surratt, Mr. Wilson, Mr. Gallo, Mr. Lavender, Mr. Thompson, Mr. Lopez, Mr. Gravot, and Mr. Plaxico. Bottom photo (L to R): Ms. Finke, Mr. Russell, Ms. McNamara, Mr. Allen, Ms. Johnson, Mr. Clendenin, and Ms. Spilker.



Interior of a production C-130J with new non-hex chrome finish. Eliminating hex-chrome from C-130J interior finishes can cut over 2,100 pounds of hex-chrome per year; reduce hazardous material issues with life-cycle/maintenance of aircraft painting; and limit employee carcinogen exposure.