



MISSION SUSTAINMENT QUARTERLY NEWSLETTER

News You Can Use from the DoD Range Sustainment Initiative
Fall 2008

The Department of Defense Sustainable Ranges Initiative (SRI) ensures the long-term viability and continuity of military training and testing areas while providing good stewardship for the land. Through a framework of continuing cooperative and coordinated efforts within government, and partnerships with groups beyond installation boundaries, DoD's Sustainable Ranges Initiative is helping to safeguard America and sustain our lands and resources for years to come.

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FEATURE ARTICLES

A Great Loss to the Sustainability Community

By Ms. Rebecca Ralston,
Support to DUSD(I&E)/ER&S

This past summer the military sustainability community was extremely saddened by the loss of two of its most prominent members, William "Bill" Egan and Walter "Marty" Martin. Bill and Marty were early proponents of military mission sustainability and leaders in the effort to control encroachment around military installations. Their legacy will endure throughout the Department of Defense and in the programs and the communities that they so faithfully served. We sincerely thank both men for their contributions, and our thoughts are with their families.

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William J. "Bill" Egan (b. 1935) passed away on August 12, 2008. Born in San Diego, Bill enlisted in the US Navy during the Korean conflict. After his discharge, he lived in Southern California, where he went to work for the Department of the Navy as a civilian. Bill's 30 years of work with the Navy was primarily spent at the Naval Air Station Point Mugu, California and in the Washington DC area. He served as a liaison officer for both the Naval Air Warfare Center and the Naval Air Systems Command Center in the Pentagon, and was a member of the

Test and Evaluation Joint Program Office under the Board of Directors for the Test and Evaluation (T&E) organization. He retired from the Navy in 1998 and came to the Institute for Defense Analyses as a member of the Cost Analysis and Research Division's T&E Group.

Bill was a recognized expert in the Environmental and Range Sustainment areas within the DoD community and directly supported the DoD's legislative proposals and internal actions for the preservation and protection of the nation's vital test and training ranges. He was instrumental in the development and implementation of various strategies for cooperation with state and non-governmental organizations to mitigate encroachment and permit continued use of critical test ranges and centers necessary for weapon systems development and training areas for our air, land, and sea forces across the nation.

He is survived by his wife, Janie Pittard Egan, two sons, four daughters and sons-in-law, grandchildren, nieces, nephews and a brother.

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Walter R. "Marty" Martin (b. 1941) passed away August 18, 2008. Born in Lancaster, Pennsylvania, Marty proudly served his country for a total of 45 years. For 23 years, Marty was active duty US Navy, before retiring in 1984 as a Senior Chief Air Traffic Controller. The remaining 22

years were served with Civil Service as the Aviation/Community Planner for NAS Whiting Field and outlying airfields.

Marty was a pioneer in efforts to protect military bases from encroachment. His work at NAS Whiting Field was one of the first examples of bringing partners together to address encroachment threats, and since that time, significant property has been purchased by partners such as DoD, the Nature Conservancy, Santa Rosa County, and the State of Florida to protect wildlife habitats and natural areas around the base. Marty was also very involved in land management related to Navy lands and airspace needed for training, and for ten years served on the Blackwater River State Forest Liaison Panel. While serving as the base's liaison to the local community Marty also held various leadership positions with the Santa Rosa Chamber of Commerce, Santa Rosa Clean Community System, Santa Rosa Aviation Advisory Board, and the Partnership for a healthy Community.

Marty retired from civil service in February 2008. He is survived by his wife, Martha B. Martin, one son and daughter-in-law, one daughter, two grandchildren, three sisters, four brothers, and numerous nieces and nephews.

In October 2008, the Santa Rosa County Board of Commissioners

dedicated a local road as "Marty Martin Way", citing that "over the last 25 years, no one has made greater contributions to NAS Whiting Field and the protection of its mission than Marty Martin. The relationship between NAS Whiting Field and Santa Rosa County is considered a model for other communities, a relationship that Marty is greatly responsible for nurturing."

DoD hosts the Land Trust Rally's first ever "Webinar"

By Mr. Steve Bonner,
DUSD(I&E)/ER&S Special Assistant
for Compatible Land Use

DoD and our land trust partners made history at the recent Land Trust Alliance Rally in Pittsburgh, PA. Our half-day training seminar, "Building and Strengthening Partnership Capability with Military Installations," was attended by over 30 people, but another 75 from across the nation joined via a "Webinar" online learning opportunity. This was the first time in Land Trust Alliance (LTA) history that distance learning technology was employed to leverage and extend the already outstanding training opportunities of the LTA Rally.

The event was a huge success, with positive reviews from participants, whether in the room at the David L. Lawrence Convention Center or joining in via the Web. The training

and presentations were all recorded, and are being posted to the LTA Learning Center website. CD's of the event are available by request to the REPI Program office (Steve Bonner: stephen.bonner@osd.mil).

More importantly, this same training will be made available at future conferences in a variety of venues, including at next summer's DoD Range Sustainment Conference in Phoenix, AZ. The purpose of the training is to help land trust and local government partners better understand overall REPI policy and how to work with the different Services to buffer installations from encroachment.

Stand by for more news on training opportunities.



2008 Report to Congress on Sustainable Ranges now available on DENIX:

<https://www.denix.osd.mil/portal/page/portal/denix/range/Home>



Operational Range Clearance: Sustainment and Stewardship

By U.S. Navy Fleet Forces Range Team

Since 2004, the Navy's Operational Range Clearance (ORC) program has cleared expended ordnance and target debris from thousands of

acres. It ensures munitions are cleared annually from tactical ranges and debris is properly scrapped or recycled.



A target at Naval Air Facility El Centro in El Centro, CA, before clearance. U.S. Navy photo by Larry Jones.



A Naval Air Facility El Centro target after clearance. U.S. Navy photo by Larry Jones.

Clearance is among the basic components of range planning efforts described in a 2004 comprehensive planning report by the Department of Defense. The removal of munitions and debris already was a piece of the Navy's Tactical Training Theater Assessment and Planning (TAP) program. TAP ensures comprehensive range management. Sustainability is the goal.

Clearance reduces the potential for future environmental liability, maintains range safety and keeps targets useful for those who use them to hone their skills. The Chief of Naval Operations in 2004 set policy for ORC that requires the Navy regularly remove munitions at and around target sites. The effort involves officials from training, readiness, environmental and budgetary communities within the service, as well as the range staff.

“There’s been a lot of headway made in this area in the last five years, in terms of a really standardized process to get it done,” said Kim McConnaughey, who oversees range operations for the Integrated Training Branch at U.S. Fleet Forces Command in Norfolk, Va.

“Before,” McConnaughey added, “it’s been: ‘We do it the best we can.’ Now the Navy says, ‘Look, we’re going to make a concerted effort.’ It’s a real improvement.”

The multimillion-dollar process works along side another Navy range-management tool, Range Sustainment Environmental Program Assessment (RSEPA), to maintain range capabilities. RSEPA evaluates conditions at the Navy’s land-based ranges, helping the sea service meet environmental regulations.

“Is there a potential risk to the environment or to human health related to what the Navy is doing? RSEPA looks to answer that

question,” said Joe Vlcek, ORC manager for Fleet Forces. “One of the proactive approaches to make sure we don’t have a future concern is ORC, in which we go in and try to pick up everything – expended munitions and range debris – on the range. If it’s not there, it can’t be an issue in the future.” That effort has paid dividends for the Navy.

“For one thing, we conduct clearance to ensure we provide the best training possible – to ensure the operators using the range are able to distinguish targets from non-targets,” said Jeff Yamamoto, who oversees the TAP program for Commander, U.S. Pacific Fleet. “The other part that is equally important is our commitment to ensure that the Navy is a good steward of the environment.”

Yamamoto recalled a target that had not been cleared for some time. “You literally could not see dirt around the target,” he said. “Debris was stacked high, metal on metal.”

That and many other targets have since been cleared. “Historically, we cleared our ranges of debris, but not at the rate we’re doing it now,” said Jim Casey, who oversees range plans and programs at Fleet Forces.

“ORC is just one of many efforts that the Navy and the Fleet are undertaking to ensure that environmental concerns are addressed in conjunction with operational requirements,” he said.

In addition to providing more visible targets, McConnaughey said clearance also makes a safer environment for workers who must maintain the targets. Clearance is a big task. It must be scheduled around operational commitments. There are logistics to consider. Guidelines for the disposal of unexploded ordnance and non-explosive debris must be met.

Under ORC, Vlcek said, targets must annually be cleared of ordnance and debris that are four inches and larger within a 1,000-foot radius of the target. Every five years, the area within 3,000 feet of the target must be cleared. That means clearance areas may be hundreds of acres in size, depending on the target. Thousands of acres are cleared each year. Tens of thousands of acres are cleared every five years. When munitions and debris are cleared, explosive hazards, such as fuses, are removed and the debris is made not to resemble munitions before it leaves the range. For example, inert practice bombs might be processed through a rock crusher before disposal.

“We’re eliminating potential environmental concerns by proactively going out there and clearing the range of munitions and debris,” Vlcek said. “We want to be good environmental steward in our communities. We’re doing our part to ensure public safety, environmental compliance and range sustainability.”

Centennial Ranch in Fallon protected by Nevada Land Conservancy with Conservation Easement

Four Generations of Farming History Preserved for the Future

By Nevada Land Conservancy

Fallon, Nevada— A bit of ranching history has been preserved in Churchill, County with the permanent protection of the Cushman-Corkill Ranch in Fallon, Nevada. Family members sought a conservation easement to preserve the property as a working ranch and also to protect it from development, and the Nevada Land Conservancy, a local non-profit land trust, was able to secure funding to purchase and hold a conservation easement in perpetuity.

The 430-acre Corkill ranch, located in a prime agricultural area, was one of several properties identified by Naval Air Station Fallon as important to protect in order to secure a buffer zone around the base against future urban development and challenges to military activities. Naval Air Station Fallon is providing funds through their Encroachment Management Program, which is matched with funds from the Nevada Division of State Lands State Question One Program. The protection of the property will help to preserve the rural character of Churchill County for the future.



Corkill Ranch alfalfa fields

"We are very happy that NAS Fallon, in our continuing efforts to be good neighbors and find compatible uses for the land surrounding the base, is able to team up with groups such as the Nevada Land Conservancy and the State of Nevada to protect and preserve historical properties such as the Cushman-Corkill Ranch," commented Commanding Officer, Captain Michael Glaser, NAS Fallon. "By contributing funds to purchase a restrictive use easement on this property, the Navy is helping to protect the agricultural and historical values that have contributed so

much to Fallon's heritage and frontier spirit."

In addition to its value to the family, the United States Navy and Churchill County, the ranch provides important benefits to native wildlife. The abundant water on the property helps to provide for habitat, enhancing the additional wildlife habitat and wetlands on its southern border. Roughly 100-acres of wetland and riparian areas have been created by an agricultural drain field. Species noted on the property include mule deer, coyotes, rabbits, ring-necked pheasant, white-faced ibis, blue heron, quail, egrets, and various migratory birds. Becky Stock, Nevada Land Conservancy's Project Manager commented, "Preserving working ranches is a key element of the Conservancy's land protection goals. In the case of this property, we are fortunate to work with a family who cares so passionately for their land and the surrounding community."



Cushman-Corkill Ranch, July 2008

The Cushman-Corkill Ranch also has been designated a Nevada Centennial Ranch by the Nevada State Historic Preservation Office's Nevada Centennial Ranches and Farms Program. Purchased in 1861 by Josiah Cushman, it is the oldest continuously operating, family-owned ranch in the state of Nevada. Furthermore, Josiah Cushman was the first to begin irrigating the lands of Churchill County. Early western emigrants stopped at the Cushman ranch to rest and feed their cattle before crossing the Sierra. Since its beginning, cattle have been produced on the ranch, and hay was originally grown and freighted throughout the West. After irrigation came to the valley and the Newlands Project was established, corn, potatoes, Sudan grass and small grains were also produced. Four generations have lived and worked on this property and the family intends to keep it as a working ranch.

Josiah Cushman met his first wife, Mary, when her family stopped at his ranch before pressing on for California. Josiah Cushman had two children with Mary and seven children by his second wife, Elizabeth. The youngest of these children was Pete Cushman, who ran the ranch with his brothers and mother after Josiah's death in 1913. Pete and his wife Mabel remained on the property until it was purchased by the Corkill Brothers in 1969, nine years after their daughter Bunny married Bill Corkill. Bill and

Bunny's son, Bruce, now operates the ranch with his wife Mitzi. They have a son, Jade, and a daughter, Bailey, who also love life on the family ranch.

Nevada Land Conservancy is Nevada's first independent, non-profit land trust working with landowners and communities to protect and preserve the special places and open spaces of Nevada for future generation. NVLC is celebrating its tenth anniversary this year, and has protected more than two acres a day in the past decade. For information on Nevada Land Conservancy's projects, please call 775-851-5180 or visit www.nvlc.org.

FROM THE WIRES... MISSION SUSTAINMENT IN THE NATIONAL PRESS

LAND DEVELOPMENT BONDS IN THE NEWS: Runway bond issue questions and answers

Peter Johnson
Great Falls Tribune
October 19, 2008

CASCADE COUNTY/
MALMSTROM AIR FORCE BASE,
MONTANA –
Cascade County residents will have the opportunity to vote on a \$3.2 million bond issuance to support the potential for future flying missions at Malmstrom Air Force Base.

Passage of the bond would support the County's purchase of development rights in an area designated as an "accident potential zone," or APZ at the end of Malmstrom's runway, which would limit use of the land to farming purposes, but not housing or commercial development that could interfere with future flying missions.

The projected cost of the bond is based on the cost of "lost opportunity" to the current landowner, who owns the 233 acres located southwest of the Malmstrom runway. In 2006, the landowner and a development company submitted a letter of intent to build on the land, but have not yet submitted a formal proposal. The bond issuance would prevent development yet still allow the landowner to be compensated without losing full use of the area in question.

To read more about the proposed bond, and how it will affect taxpayers, please visit <http://www.greatfallstribune.com/apps/pbcs.dll/article?AID=/20081019/NEWS01/810190305>

MILITARY TRAINING IN THE NEWS: Southwest Defense Alliance joins Amici Curiae (Friends of the Court) in Secretary of the Navy v. Natural Resources Defense Council, Inc.

Southwest Defense Alliance
October 14, 2008

SAN FRANCISCO, CA – The Southwest Defense Alliance (SWDA) joined with the Navy League of the United States and many others in filing an Amici Brief with the United States Supreme Court in support of the Secretary of the Navy, in an appeal of the decision of the Ninth Circuit Court of Appeals that vastly limited the U.S. Navy's ability to effectively train ships crews in Anti-Submarine Warfare through use of Mid-Frequency Active Sonar. The Circuit Court decision affects training operations in California coastal waters and off Hawaii, and was made despite any evidence Navy operations adversely affected marine life in the coastal or ocean areas. The President exercised national security authority allowing the Navy to continue training, while the Secretary of the Navy appealed to the U.S. Supreme Court. The SWDA mission includes protection and use of both land and sea ranges in the interest of national defense and thus SWDA joined as an Amici. The U.S. Supreme Court has held hearings on the matter but as of October 14 has not rendered a decision.

ENCROACHMENT TESTIMONY IN THE NEWS:

Memo to military gateway
communities, state officials:

'You snooze, you lose!'

Bill Sontag

Southwest Texas LIVE!

September 11, 2008

SAN ANTONIO, TEXAS—

Military and legislative leaders provided testimony to urge passing legislation that would give city and county officials more authority to enforce zoning rights against military base encroachment.

Representatives from the Air Force and Army described real encroachment issues and their potential solutions, coupled with the importance of local regulation on land surrounding military installations to illustrate the need to protect future growth and citizen safety.

Land developers also attended and testified before the committee on the importance of protecting personal property rights, when legislative authority is given to zoning boards.

To read testimony quotes from congressional representatives, and read the specifics of encroachment issues that affect Texas bases, please visit

<http://swtexaslive.com/node/7510>

LAND OWNERSHIP LEGISLATION IN THE NEWS: Southwest Defense Alliance Instrumental in Obtaining Veto of Land Ownership Legislation in California

Southwest Defense Alliance

August 1, 2008

SAN FRANCISCO, CA—

The Southwest Defense Alliance (SWDA) petitioned the Governor of California to veto California State Assembly Bill 1832 (AB 1832) as being adverse to both federal and civic coastal bases and communities in California. AB 1832 was an attempt to overturn current law that allows cities and counties, acting as local trustees of state-owned land, to grant lands to federal entities for the completion of publicly beneficial projects, consistent with the principles of the California Public Trust Doctrine, including the creation of partnerships with the federal government and others through leasing, selling or other transfer means. Had AB 1832 become law, federal and local ownership of these lands transferred in prior years would have been lost, while control of use of these lands containing federal and civic installations would have been handed over to the State Land Use Commission. Numerous military bases and over 80 communities would have been adversely affected. Governor Schwarzenegger vetoed the legislation, citing the fact the Bill

removes local government authorization to grant these lands to the United States and diminishes local input for projects on these lands.

To read Governor Schwarzenegger's veto of AB 1832, please visit http://info.sen.ca.gov/pub/07-08/bill/asm/ab_1801-1850/ab_1832_vt_20080801.html

REGIONAL PARTNERSHIP UPDATES

Southeast Regional Partnership for Planning and Sustainability



The seventh meeting of the Southeast Regional Partnership for Planning and Sustainability (SERPPAS) Principal's will be held November 12th and 13th in Raleigh, North Carolina. Since the last Principal's meeting, the SERPPAS Charter was signed by all partners and the Gopher Tortoise Candidate Conservation Agreement was finalized. At the upcoming meeting, the Natural Resources Conservation Service (NRCS) will be introduced as a new Principal in the partnership and a poster session will be held to

highlight SERPPAS supported projects and successes.

Check out the SERPPAS website: <http://www.serppas.org> for copies of the signed Charter and Gopher Tortoise Candidate Conservation Agreement along with information on the partnership's key members and projects.

Western Regional Partnership



The Department of Defense's second regional pilot effort, the Western Regional Partnership (WRP), continues to make considerable progress. WRP was established to create a regional senior policy level partnership among the Department of Defense, other Federal agencies, and State and Tribal executive leadership in the states of Arizona, California, Nevada, New Mexico and Utah.

In the formative stages of the WRP, efforts were coordinated with the Western Governors' Association (WGA), which represents 19 Western states and three U.S.-flag Pacific islands. The Governors recently adopted Policy Resolution 08-11, titled "Achieving Sustainable Military Installations and Ranges."

(See:

<http://www.westgov.org/wga/policy/08/DoD8-11.pdf>) This resolution affirms the Governors' support of the military mission in the west and their desire to work with the WRP on the development of regional policies and projects.

WRP Committee meetings are continuing their collaborative efforts on regional issues. Committee information will be posted to the newly revised WRP website; for more information please see www.wrpinfo.org. Preparations are underway for the second WRP Principals' meeting.

PARTNER HIGHLIGHT

National Conference of State Legislatures Meeting Summary



NCSL

Approximately 50 state legislators gathered in San Antonio, September 9-10, to discuss proactive State legislative strategies to meet future challenges for military installations. Dr. Kleinman (DUSD, Readiness) and Mr. Beehler (ADUSD/ESOH) attended and spoke.

The agenda included a public hearing with testimony from a variety of military and civilian leaders on encroachment threats faced by installations. MG Czers, Commander, Fort Sam Houston,

sponsored a tour of medic training at Camp Bullis for the legislators.

MEETINGS RESOURCES

Outreach Partner Meetings

October 27-30

Urban Land Institute (ULI) Fall Meeting
Miami, FL
<http://www.uli.org/>

October 28-31

Association of Metropolitan Planning Organizations Annual Conference
Seattle, WA
<http://www.ampo.org/>

November 16-19

Wildlife Habitat Council Annual Symposium
Baltimore, MD
<http://www.wildlifehc.org/>

November 17-20

American Water Resources Association Conference
New Orleans, LA
<http://www.awra.org/>

November 19-21

American Wind Energy Association (AWEA) Fall Symposium 2008
Palm Desert, CA
<http://www.awea.org/>

December 2-4

SERDP & ESTCP Partners in Environmental Technology Technical Symposium

Washington, DC
<http://www.serdp.org/>

December 9-13
National Conference of State
Legislators (NCSL) Fall Forum
Atlanta, GA
<http://www.ncsl.org/>

December 10-12
DoD Regional Environmental
Coordinator Conference
Norfolk, VA

January 22-24
Smart Growth 2009
Albuquerque, NM
<http://www.newpartners.org/>

February 1-4
National Association of
Conservation Districts (NACD) 2009
Annual Meeting
New Orleans, LA
<http://www.nacdnet.org/>

February 22-24
2009 National Conference of Regions
(NARC)
Washington, DC
<http://narc.org/>

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