



ECO QUARTERLY

Volume 10, Issue 4

Serving the ECOs operating on USAG-HI installations

4th QTR FY 10



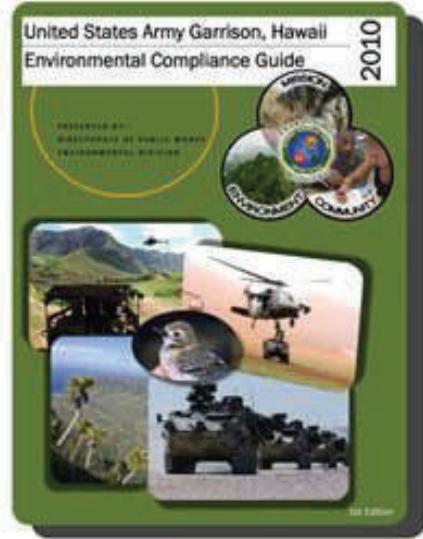
The USAG-HI “Green Book” is the “A to Z” Guide to Environmental Information

The first edition of the U.S. Army Garrison, Hawaii (USAG-HI) Environmental Compliance Guide is finally here! This publication is a simple “A to Z” informational “how-to” guide organized into single page-per-topic fact sheets. It provides answers to the most frequently asked environmental questions at a glance, and prescribes responsibilities and instructions for managing environmental issues in accordance with applicable Federal, State, Army, and installation regulations.

This document is not meant to be a Standard Operating Procedure or policy. It is one of the many tools available to help the USAG-HI commanders, directors and personnel manage their environmental programs to “sustain the environment for a secure future”.

The best and easiest way to refer to the “Green Book” is to view it online from the USAG-HI’s Sustainability website. Just go to <http://www.garrison.hawaii.army.mil/sites/sem/AtoZ.aspx> and click on the “Sustainability & Environmental Management” link on the menu on the left side of the web page. From there you’re just a few clicks away. Once you access the document, you can choose to either download the entire document or view the individual “Fact Sheets” by clicking

on the topic of your choice. Online access is always the best choice since new fact sheets are added regularly. If you can’t find what you are looking for, just click on “Contact Us” for a list of POCs for the different program areas or click on “Comments/Questions” to send an email directly to our office. So please go online and check out your new Sustainability resource today!



A screenshot of the USAG-HI Sustainability website. The main navigation bar includes links for Home, PhotoBook, News, Site Map, Organization Chart, and Feedback. On the left sidebar, there are links for About Us, Current Command, Directorate & Support Staff, Programs, Services, Events, Resources, Assessment, News, Post Information, Job Opportunities, and Policies. A red arrow points to the 'Sustainability & Environmental Management' link in the 'Sustainability' section of the main content area. Another red oval highlights this same link. The right sidebar contains links for Introduction, Sustainability, Natural Resources, Recycling, Earth Day 2010, Sustainability & Environmental Management, and Environmental Topics From A to Z. A red arrow points to the 'Environmental Topics From A to Z' link in the right sidebar.



View the “A to Z” Green Book at:
<http://www.garrison.hawaii.army.mil/sites/sem/AtoZ.aspx>



New State Rule Requires All Lead-Acid Batteries to be Managed as Universal Waste



Used batteries awaiting turn-in must be clearly marked "USED BATTERY" and with the date they were determined to be unserviceable.

The Hawaii Department of Health (HDOH) has recently clarified their rules for lead-acid batteries that require a change in the way we manage them on USAG-HI installations. In the past, used lead-acid batteries were managed under a federal EPA exemption to the hazardous waste regulations (40 CFR 266 Subpart G). The HDOH's hazardous waste rules found in the Hawaii Administrative Rules, however, differ slightly from the EPA standard and require generators to manage these batteries as a Universal Waste. While the physical handling of the batteries will not change, there are some administrative requirements that must be met. First, each lead-acid battery must be marked/labeled "USED BATTERY" and they must be marked with the date the battery was determined to be unserviceable. Second, the batteries must be documented on a collection log as they are accumulated. The log must also show the date they were first collected and the date they are turned-in/picked up for recycling.

Installation rules require the batteries to be turned-in/picked up within 6 months from the date of collection. Finally, they need to be stored with secondary containment and overhead protection to ensure there are no leaks/spills into the environment. Failure to properly manage these lead-acid batteries will result in an "Unsatisfactory" rating on the unit's quarterly inspection and may lead to serious violations/fines of up to \$37,500 if discovered on a HDOH inspection. For questions or more information on the new lead-acid battery management requirements, contact the DPW Environmental Division Environmental Compliance Inspectors.

USED OIL: USAG-HI Changes Policy to Allow for Used Oil Consolidation



After many years of segregating used oil by type (e.g. Used Engine Oil, Used Gear Oil, Used Transmission Oil), the installation is ready to consolidate the collection of the different types of used oil. Why were they ever segregated to begin with? This was a frequently asked question by Environmental Compliance Officers who often saw the used oil collection contractor pump the different types of oil from their Recyclable Material Shop Storage Points (RMSSPs) into the same truck. The reason for the segregation in the past had to do with the levels of sulfur additives that were added to some of the gear oils to protect against corrosion. The sulfur would result in a false-positive on the screening test the recycler would conduct on the oil, making the oil appear to be contaminated when it really wasn't. By segregating the oils, we could limit these erroneous results and isolate the cause, allowing us to recycle the oil. In recent years, however, the number of false results have disappeared, probably due to a reduction in the sulfur additives and a change in the military specification of the oil. It is for this reason that we will now be able to consolidate all used oil (engine oil, gear oil, transmission fluid, hydraulic oil, and brake fluid) into the same containers that will have the

middle third of the drum painted red and clearly marked/labeled "USED OIL". This change only applies to used oils. USED ANTIFREEZE and USED JP-8/DIESEL must be stored separately. In addition, the "USED OIL" drums no longer require a Non-Regulated Waste label. These containers are regulated under the USED OIL regulations and must be managed accordingly. All other requirements (e.g. collection logs, drums kept closed, secondary containment) remain the same for these containers in your RMSSP. Failure to properly manage "USED OIL" will cause a failure on the quarterly inspection and serious fines if discovered on a HDOH inspection.

Report All Spills!



656-1111



External Environmental Performance Assessment System (EPAS) Audit Conducted 12-16 JUL 2010

This summer the U.S. Army Garrison, Hawaii underwent an external Environmental Performance Assessment System (EPAS) audit by a team of experts led by the Army Environmental Command. The objective of the EPAS audit was to identify areas that may not be meeting the Federal, State or Army environmental standards, provide training and feedback to garrison environmental staff, provide command emphasis to environmental programs and, to provide a qualified audit of the garrison's Sustainable Environmental Management (SEM) program. In addition to the SEM system, the scope of the audit included all environmental media areas: air emissions, natural/cultural resources, environmental impacts, solid/hazardous waste, storage tanks, waste munitions, waste water and water quality. The audit team randomly selected facilities to inspect where they conducted site visits and interviewed ECOs and facility personnel, as well as evaluated our documentation and records. This audit is a critical part of the SEM system which is the tool the USAG-HI uses to ensure we meet the requirements of ISO 14001, an internationally recognized standard for environmental management.

The EPAS team's findings will be incorporated into an Installation Corrective Action Plan that will help the installation meet our Sustainability goals. ☺

Environmental Policy : Key Points

- **The Right Way** – our obligation is to preserve and protect our Environment
 - do what is right; legally, ethically and morally
- **The Green Way** – each and everyone of us can contribute to a Sustainable US Army Hawaii
 - do the 'little things' – conserve, preserve, prevent
- **All The Way** – Sustainable US Army Hawaii is a 'mind-set'
 - it will take time, persistence and commitment from everyone
 - make Sustainability a consideration in all you do!

Our Goals

- **Responsible, Efficient, & Effective Use of Resources**
- **Sustaining the Environment for a Secure Future**

U.S. ARMY HAWAII ENVIRONMENTAL POLICY

30 Jun 2010
While always balancing the unique considerations of Mission, Community and the Environment, U.S. Army Hawaii will continuously strive to improve its environmental performance and seek to:

- Lessen our Environmental Footprint and Prevent Pollution;
- Minimize our Impact on the Hawaiian Land;
- Conserve, Preserve and Protect our Natural and Cultural Resources;
- Comply with All Applicable Environmental Laws and Regulations.



Our Guiding Principles

We will instill a sustainable ethic in everything we do, acknowledging the Army's global responsibility for environmental stewardship.

We will act locally to perpetuate a harmonious balance with Hawaii's unique economic, natural and cultural resources by educating our workforce to perform their everyday duties in a Pono manner.

We will preserve and protect today's resources for tomorrow.

We will nurture the trust of the Hawaiian Community, working in concert for the benefit of all in Hawaii.

We will do this in concert with our solemn obligation to the American People to prepare combat ready forces capable of deterring conflict, defending our homeland, and winning our Nation's wars.

Our Commitment

- Conserve Energy and Water
- Reduce Waste, Reuse Materials and Increase Recycling
- Lower Fuel Consumption and Air Pollution
- Protect Hawaii's Ground and Surface Waters
- Purchase Green Products When Available and Economically Reasonable

COI Douglas S. Mulbury
Commander, USA - Hawaii



MG Michael J. Terry
Senior Commander, US Army Hawaii

Be Pono Everyday. Do What is Right for the Life of the Land.



Environmental Training Calendar

Course	Class Number	Start Date	Grad Date
ECO	001-11	05 Oct 10	07 Oct 10
ECO	002-11	16 Nov 10	18 Nov 10
ECO	003-11* (Big Island)	14 Dec 10	16 Dec 10
ECO	004-11	18 Jan 11	20 Jan 11
ECO	005-11	15 Feb 11	17 Feb 11
ECO	006-11	08 Mar 11	10 Mar 11
ECO	007-11	05 Apr 11	07 Apr 11
ECO	008-11	03 May 11	05 May 11
ECO	009-11	07 Jun 11	09 Jun 11
ECO	010-11	19 Jul 11	21 Jul 11
ECO	011-11	23 Aug 11	25 Aug 11
ECO	012-11	13 Sep 11	15 Sep 11
ECO REF	001-11	21 Oct 10	21 Oct 10
ECO REF	002-11	10 Nov 10	10 Nov 10
ECO REF	003-11* (Big Island)	01 Dec 10	01 Dec 10
ECO REF	004-11* (Big Island)	02 Dec 10	02 Dec 10
ECO REF	005-11* (KMC)	03 Dec 10	03 Dec 10
ECO REF	006-11	20 Jan 11	20 Jan 11
ECO REF	007-11	24 Feb 11	24 Feb 11
ECO REF	008-11	17 Mar 11	17 Mar 11
ECO REF	009-11	14 Apr 11	14 Apr 11
ECO REF	010-11	24 May 11	24 May 11
ECO REF	011-11	16 Jun 11	16 Jun 11
ECO REF	012-11	21 Jul 11	21 Jul 11
ECO REF	013-11	18 Aug 11	18 Aug 11
ECO REF	014-11	22 Sep 11	22 Sep 11
SLECT	001-11	19 Oct 10	19 Oct 10
SLECT	002-11 * (Big Island)	03 Dec 10	03 Dec 10
SLECT	003-11	18 Jan 11	18 Jan 11
SLECT	004-11	12 Apr 11	12 Apr 11
SLECT	005-11	19 Jul 11	19 Jul 11