

ECO Quarterly

U.S. Army Garrison Hawaii DPW Environmental Compliance Newsletter

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CELEBRATE! NOVEMBER 15 IS AMERICA RECYCLES DAY!

America Recycles Day started almost 25 years ago, in 1997, as a way to encourage Americans to recycle more and purchase items with recycled materials.

The U.S. Army Garrison Hawaii's Army Recycle Program is using this time to reflect on all of the amazing work our military and civilian personnel have been doing and to look ahead on how we can achieve our recycling goals. The U.S. Army's goal is to divert 40% of our waste from landfill and reduce our overall waste totals by 2% annually.

How can we make this happen? The Army Recycle Program provides various resources to make recycling and reuse easier on installations across Hawaii. In order to achieve our goals, we need the continued support and participation of all personnel. Remember, not only is recycling mandatory (USAG-HI-Policy 11), but is it also the right thing to do to save money, our environment, and to support our mission.

See page 2 to learn more about our resources and what you can do!



RECYCLING ACTIONS AND RESOURCES

- ❑ **Set up recycling bins or call in for a pick up.** Call or email the Army Recycle Program for more information on how to get bins or for a pick up. (808) 656-9911/ usarmy.hawaii.recycling@mail.mil
- ❑ **Update signage on your bins.** Visit our website to access single-stream recycling signage, our recycling guide, and other available resources. <https://home.army.mil/hawaii/index.php/garrison/dpw/swrp>
- ❑ **Commit to reuse**
 - ***DPW Free Issue** (industrial materials). Email usarmy.hawaii.recycling@mail.mil for more info.
 - ***Excess Office Furniture Marketplace** (list and claim gently used furniture): Visit on the [Garrison SharePoint](#)
 - **Thrift Stores:** Visit the Schofield Barracks or Fort Shafter thrift stores to donate or purchase used items.
- ❑ **Sort it out!** Make sure you know the proper disposal protocols for the items that you have. Visit our Sustainability and Environmental Topics A-Z Guide for more information: <https://home.army.mil/hawaii/index.php/garrison/dpw/environmental-a-z> or contact the Army Recycle Program.

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How are we doing?

- **28%** of non-hazardous waste was diverted from landfill and waste-to-energy facilities in FY20.
- **84%** of construction and demolition waste was diverted from landfill in FY20.
- Through pollution prevention initiatives, almost 15,000 pounds of furniture and industrial materials have been reused on base in the past year.

UPCOMING MISSION?

USE A DESIGNATED WATER FILL POINT

Are you unsure of where you should be filling up buffaloes or large equipment with water? The designated location point to fill water buffaloes and/or other equipment for training or other mission requirements is located on Schofield Barracks South Range off of South Range Road. Click to [view map location](#) (CAC authentication required).

DO NOT connect hoses or equipment to fire hydrants, backflow preventers, or utility sink faucets to fill water buffaloes, water trucks, or other equipment. Unauthorized connections to the drinking water system may present a possible risk of chemical or microbiological contamination into our drinking water system.

To ensure a safe and secure drinking water system, all connections, including temporary water connections, must be approved by the DPW Plumbing Shop. To request a water connection, please submit a DMO request via email using the Non-Emergency Demand Maintenance Order Email Form to usarmy.wheeler.id-pacific.list.dpw-demand-maintenance-orders@mail.mil.

If you encounter any cross connections that may have the potential to introduce contaminants into our drinking water system please contact us! **The DPW Safe Drinking Water Program can be reached at (808) 656-3107.**



Water Fill Point—Schofield Barracks South Range



Incorrect connection of hose to fire hydrant



Incorrect connection of hose to backflow preventer



WHAT IS TSCA?

LEAD, ASBESTOS, PCBs, OH MY!

The Toxic Substance Control Act (TSCA) was established to regulate specific chemicals and substances that are deemed harmful to people and the environment. These substances include, lead, asbestos, polychlorinated biphenyls (PCBs), formaldehyde, and more.

The Environmental Protection Agency (EPA) is the regulating authority, which established guidelines regarding reporting, record-keeping, testing requirements and restrictions pertaining to these substances. TSCA enables oversight in the production, importation, use and disposal of toxic substances.

Although the EPA is the regulating authority, compliance is accomplished via a partnership with federal, state, and tribal regulatory partners. This means that it is the Army's duty to ensure that civilians, military personnel, contractors and residents are safe in the various spaces that they work and recreate in. Here in Hawaii, the Directorate of Public Works (DPW) is the federal

compliance partner, monitoring USAG-HI and ensuring its operations adhere to the required rules and regulations covered under TSCA, mostly pertaining to lead and asbestos tracking.

If you are planning on doing repairs or renovations at your facility, you should submit a **DA Form, 4283 Facility Engineering Work Request (FEWR)**, to DPW. This is to ensure that all potential hazards can be identified and addressed before they become a problem.



Image credit: army.mil

Military personnel in toxic substance suits.

SPILL RESPONSE 101: CHOOSING THE CORRECT ABSORBENT PAD

There are three main types of absorbent pads used for spills.

(1) Oil Only: Hydrocarbon/oil only absorbent pads are color-coded white and repel water. These types of absorbent pads have been specifically designed to soak up and clean petroleum oil and lubricant (POL) spills. Since they repel water, they are the perfect pads to use for collecting oil floating on water in drip pans, secondary containment systems, or watercourses.



(2) Universal: Universal/general purpose pads are color-coded gray or green depending on the manufacturer. These types of absorbent pads are designed to soak up and clean most liquid spills except for aggressive corrosive fluids. Since they soak up all liquids, they are not effective to collect oil floating on water, but they are ideal to clean up POL spills on dry surfaces such as maintenance shop floors and any other dry hard surfaces.



(3) Hazmat/Chemical: Hazmat/chemical pads are color-coded pink or yellow depending on the manufacturer. These types of absorbent pads are specially treated to safely soak up high concentrations of corrosive chemicals such as acids, bases, like sulfuric acid, sodium hydroxide, and other hazardous chemical spills. They are good to keep around battery charging stations and battery storage rooms.



Image credit: Newpig.com

Report **ALL** spills to the DPW Environmental Division SPCC Program: (808) 656-1111 (or 656-3279 after hours)



CONSERVE OUR WATER

SIMPLE TIPS TO SAVE EVERYDAY

In Hawaii, our primary water supply comes from underground aquifers fed by rainfall filtered down through ground and rock. Even though we may be completely surrounded by water, our clean water supply is a limited resource. It's crucial that we conserve water to ensure we have enough for years to come.

Water lawns just 1-2 times a week

Lawns don't need to be watered every day, even during the summer. Watering once every 3 days can actually promote deeper root growth, making your lawn more water-efficient.

Take shorter showers

Every minute in the shower uses 3 to 6 gallons of water! So shaving just a few minutes off your shower time can make a big difference. Consider turning the water off while you lather, shave or shampoo.

Don't water your plants or lawn between 9 AM and 5 PM

Water evaporates quickly during the hottest times of day. So water in the early morning, evening or at night. It'll give your yard time to soak it in before the sun dries it out.

Don't let the faucet run while not in use

Turn off the tap while brushing teeth or shaving. In the kitchen, use a dishpan for soapy water and then rinse dishes with clean water quickly.

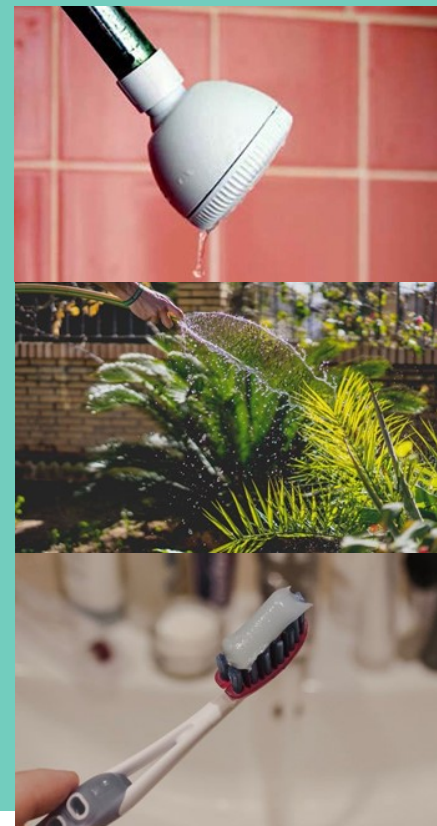


Image credit: Board of Water Supply

2020/21 ENVIRONMENTAL COMPLIANCE OFFICER TRAINING DATES

2021	
16 NOV	SLECT
18 NOV	ECO REFRESHER
7-9 DEC	ECO BASIC
2022	
11 JAN	SLECT
13 JAN	ECO REFRESHER
8-10 FEB	ECO BASIC

The ECO trainings are for USAG-HI personnel and are tailored to focus on USAG-HI environmental requirements.

ECO Basic is a 3-day course required of new ECOs

ECO Refresher is a 1-day course required annually of veteran ECOs

SLECT is the Senior Leader Environmental Compliance Training

For more information and to register call: (808) 655-1560

CONTACT US!

Army Recycle Program

Army Recycle Line: (808) 656-9911

Clean Air and Safe Drinking Water

Phone Number: (808) 656-3107

Clean Water

Phone Number: (808) 656-7001

Environmental Compliance Officer Training

Phone Number: (808) 655-1560

Hazardous Waste

Transfer and Accumulation Point (TAP): (808) 656-0867

Spill Prevention and Response

Spill Line: (808) 656-1111

TSCA— Lead and Asbestos

Phone Number: (808) 656-3106

USAG-HI DPW Environmental Division Website

<https://home.army.mil/hawaii/index.php/garrison/dpw/environmental-division>

