

ECO Quarterly

U.S. Army Garrison Hawaii DPW Environmental Compliance Newsletter

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FEATURED STORY



PARKING ON THE GRASS= MUD DOWN THE DRAIN!

*Did you know that muddy storm water impacts our
oceans and communities?*

Whenever we drive and park on grass, we are ripping up vegetation and tracking mud and sediment into the road. When it rains, that same mud and sediment is carried into storm drains, which empty into natural streams, and eventually flow into the ocean.

Our storm water drains through a municipal separate storm sewer system (MS4) which means that the water in our storm drains doesn't get treated in a waste wa-

ter treatment facility like the water from our tap. This is because only rain should go down the drain! Any substances that flow into our storm drains will either clog up the sewer system or eventually wind up in our oceans, untreated. This has a huge impact on our waterways and storm sewer system.

(continue onto page 2 to learn more...)



Impacts of Mud and Sediment on our Waters






-  **Fish & Coral Death** – Sediment absorbs heat from sunlight causing warmer water and lowers dissolved oxygen (DO) levels. Low DO causes suffocation and can kill aquatic life .
-  **Starvation** – Muddy water (turbid) blocks vital sunlight for aquatic plants. It also impedes fish vision, making it difficult to hunt.
-  **Algae Blooms** – Nutrients transported by sediment can activate blue-green algae that release toxins into the water.
-  **Flooding** – Sediment fills storm drains, clogging their conveyance and increasing potential for flooding.
-  **Recreation** – Sediment deposits in rivers can alter water flow and reduce water depth, making navigation and recreation more difficult.



Image credit: pixabay.com

Keeping your vehicles off grass will help our ocean communities thrive!

USAG HI NO OPEN-BURN POLICY KEEP OUR AIR CLEAN

Open burning is defined as the burning of any matter that the products of combustion resulting from the burning are emitted directly into the air without passing through an adequate stack or flare. Due to USAG HI policy and Hawaii State Law, burning any material in an open fire is unauthorized, including documents, trash, wood, etc.

Exceptions would include:

- Residential BBQ grilling which are limited up to 2 grills. When planning for other outdoor cooking arrangements, please coordinate with the Federal Fire Department at (808) 471-8004.
- Burning for recreational, decorative, or ceremonial purposes may be allowed with written approval from the Hawaii Department of health (DOH). Please coordinate with DPW Environmental (808) 656-3107 for assistance in obtaining written approval with the Hawaii DOH.

Alternative disposal methods would include:

- Using an approved NSA shredder for documents
- Using IPC Housing's recycling curbside pickup
- Delivering acceptable materials to the Army Recycling Center (808) 656-9911 or usarmy.hawaii.recycling@mail.mil



Notify DPW Environmental (808) 656-3107 if you see any open burns or unauthorized fires on the Garrison, since we are subject to monetary fines. **Please call 911 for any burning that is uncontrolled or spreading.** For more information, please see the Open Burning compliance guide in the Garrison's website: <https://home.army.mil/hawaii/index.php/garrison/dpw/environmental-a-z>



DON'T MAKE USAG HI A DUMP

RESPONSIBLY DISPOSE OF YOUR WASTE

Did you know that dumping is illegal on USAG HI Installations? Military personnel, civilians, tenants, contractors, and residents are expected to follow Federal, State, and Garrison protocols for disposing of refuse, recyclable materials, and hazardous waste. Leaving items near dumpsters or in undesignated spots is considered illegal.

It's important to remember that acceptable refuse items must be placed inside of the dumpster, and the lid must close. Any items placed outside of the dumpster will not be collected with your refuse service. Items blocking the front of the dumpster make it impossible for the dumpster to be serviced, so service will be halted until rectified.

Military property has specific channels for disposal. For information on bulky items and recyclables contact the Army Recycle Program: (808) 656-9911. For hazardous waste contact the TAP: (808) 656-0867. Items can also be turned in through unit Supply Support Activity (SSA) or through Defense Logistics Agency (DLA).

Live on post? Personal items, such as refuse, recycling, and bulk items are handled by IPC Housing. Bulk trash is picked up on your curb the same day as your regular trash day. Contact your IPC community center for more info.

For off post residents visit opala.org for information on City refuse and recycling services.



The following items **CANNOT** be placed inside or around dumpsters:

- Recyclables:
 - Cardboard
 - Plastic
 - Paper
 - Cans
- Hazardous Waste
- Green Waste
- Bulky Items:
 - Wood
 - Furniture
 - Mattresses
 - Oil, POV Oil
 - Vehicle Parts
 - Electronic Waste

If you see illegal dumping, report it.

Call the Military Police (808) 655-5555 to report illegal dumping.

ASBESTOS AND LEAD PAINT

WHEN A HAZARD BECOMES HAZARDOUS



Lead



Asbestos

We all likely know that asbestos and lead paint can cause serious health effects. But did you know that they are only hazardous when disturbed or damaged? This is because the hazard lies in inhalable and ingestible particulate matter, entering via the mouth or nose. For asbestos, it is tiny fibers, for lead; dust and paint chips. Undisturbed asbestos and lead paint in good condition poses little to no health risk.

Many of the buildings on USAG HI are older and could potentially contain asbestos or lead-based paint. It is crucial to work with the Directorate of

Public Works (DPW) and Facility Managers before beginning any type of renovation or demolition work (for on post residents, contact IPC Housing). This is to reduce the potential exposure to asbestos and lead.

Personnel requesting renovation work will need to submit a Facilities Engineering Work Request (FEWR), which will prompt a review of existing survey records and alert you to any additional requirements. Renovation of buildings with asbestos and lead can be done safely but it requires special training and special work practices to ensure there is no exposure.

If You See Something, Report It

If you see damaged suspect material, call the
DPW Toxic Substance Control Act Program: (808) 656-3106

Image credit: pixabay.com



ENVIRONMENTAL COMPLIANCE OFFICER TRAINING

SIGN UP TODAY!

The Environmental Compliance Training is a critical part of the Environmental Compliance Program. The training provides Environmental Compliance Officers (ECOs) with a multitude of information on various environmental related topics such as the proper management of hazardous material/waste, spill prevention and response procedures, natural resources, and waste reduction/recycling. More importantly, the training provides ECOs vital information on how to properly conduct Monthly and Weekly Environmental Compliance Inspections that provides a detailed regulatory compliance status of their corresponding organization and ensure that they comply with EPA, Hawaii Department of Health, and Installation requirements.



There are 3 types of Environmental Compliance Trainings provided by the DPW Environmental Compliance Division: **ECO Initial/Basic Training Course** (3-Day), **ECO Annual Refresher Course** (1-Day) and the **Senior Leader Environmental Compliance Training (SLECT)** (3-Hours).

All courses are currently being held through Microsoft Teams CVR due to COVID-19 limitations, see below for upcoming dates. Contact your unit/activity training representative or contact the Installation Schools Office (808) 655-1560 to get scheduled into an upcoming Environmental Compliance Training Course.

2021 ENVIRONMENTAL COMPLIANCE OFFICER TRAINING DATES

2021

2-4 FEB	ECO BASIC
09 MAR	SLECT
11 MAR	ECO REFRESHER
13-15 APR	ECO BASIC
11 MAY	SLECT
13 MAY	ECO REFRESHER

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

Hazardous Waste

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

Clean Air and Safe Drinking Water

Phone Number: (808) 656-3107

Spill Prevention and Response

Spill Line: (808) 656-1111

Clean Water

Phone Number: (808) 656-7001

TSCA— Lead and Asbestos

Phone Number: (808) 656-3106

Environmental Compliance Officer Training

Phone Number: (808) 655-1560

USAG-HI DPW Environmental Division Website

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

