

KULEANA

PROTECTING THE ENVIRONMENT • A RESPONSIBILITY SHARED BY ALL



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Getting to know our LIDs Stoneman Field's Bioretention and Permeable Pavers

What is an LID (Low Impact Development)?

A LID is a feature used in construction projects that allow the affected area to retain its natural hydrology. Prior to construction, a site analysis determines the amount of rainwater that is naturally held by the vegetation and terrain and allowed to soak into the ground. This process is otherwise known as infiltration. When a site undergoes development, the natural infiltration instead turns to runoff that leads to storm drains, streams, rivers, and eventually the ocean. The runoff carries sediment that contaminates our waterways and detrimentally impacts the quality of the water and the life living there. With the data from the hydrology study, LIDs are designed to help the site retain its natural process during and after construction. At Stoneman Field we have two distinct types of LIDs, Bioretention and Permeable

Pavers. Bioretention basins allow rainwater to pool in vegetated areas instead of running straight into storm drains, streams, and rivers. This allows the water time to infiltrate into the ground properly, as it would if the construction had not happened.



Stoneman Field bioretention at the corner of McCornack and Leilehua, next to the track.

The second type of LID featured at Stoneman Field is Permeable Pavers used for parking. These LIDs help to keep the soil in place in areas which are used for parking while still allowing for water to infiltrate. They come in a variety of styles but the ones at Stoneman Field allow grass to grow to help with the natural hydrology of the area.



What can you do to help Stoneman Field retain its natural hydrology?

Stay out of the marked bioretention basins and dispose of trash properly, this will help to prevent erosion and blockages to intakes. Additionally, park only in designated parking areas. This will protect vegetation and prevent soil from getting tracked out into the roads or carried into storm inlets/outlets during rain events.



Vegetation loss and soil erosion from unauthorized parking at Stoneman Field.

What's In a Name?

Since 2009, USAG-HI DPW Environmental Division has produced the quarterly newsletter you are now reading. The original intent — to provide up to date facts and guidance to support environmental compliance — has not changed. The new name, Kuleana (koo-leh-ah-nah) was chosen to represent the Army's commitment to Hawaii's environment.

The Hawaiian word, kuleana, loosely translates to responsibility. Kuleana also refers to the reciprocal relationship between a person and what they are responsible for. When it comes to the environment, we all have a responsibility to care for Hawaii's natural resources. In return, healthy soils, forests, and oceans provide us with clean air, drinking water, and food that will sustain us. Acknowledging kuleana helps to maintain a balance within our communities and our natural environment.



CELEBRATE EARTH DAY!

Sustain the Mission Secure the Future

During the month of April our attention is focused on Planet Earth. The first Earth Day celebration in the United States occurred on April 22, 1970, to help educate the public about environmental issues. This event engaged millions of Americans in educational programs, rallies, and marches in support of the environment and led to the creation of the nation's Environmental Protection Agency (EPA). This momentum also set the foundation for many laws and regulations we still abide by today, including the Occupational Safety and Health Act, the Clean Air Act, and the Clean Water Act. Every year since, on April 22, citizens

in over 100 countries come together to celebrate and protect Earth's ecosystems. This year the Army Earth Day theme is "Sustain the Mission Secure the Future," a reminder that we need to maintain the important balance between supporting troop readiness and protecting our environment. In honor of celebrating Earth Day this newsletter is filled with tips that you can use to make a more positive impact on the health of the planet. Every action you take as an individual and an organization has a ripple effect on the environment. Let's work together to ensure our impact is for the best.



Upcomming Earth Day Events

- ✧ [Earth Day at Waimea Valley](#) (20 April 2024)
- ✧ [Island Roots, Global Change](#) (13 April 2024)
- ✧ [Sustainable Coastlines Community Work Days](#) (21 & 23 April 2024)
- ✧ [10 Earth Day Activities](#) to Celebrate Our Planet

NO FEDERAL ENDORSEMENT IMPLIED.



Sustainable Strategies: Navigating Single-Stream Recycling Do's and Don'ts

Embracing sustainable practices is not only essential for environmental stewardship but also for fostering a culture of kuleana (responsibility) within our community. With single-stream recycling across all the USAG-HI installations, recycling is easy. However, knowing what to include and what to exclude is crucial to ensuring the success of our recycling efforts. Let's delve into the do's and don'ts of single-stream recycling to maximize its effectiveness.

Do's:

In our single-stream recycling program, a wide array of items can be conveniently mingled into one recycling bin.

Accepted items include:

- ☺ Corrugated cardboard (flattened)
- ☺ Mixed paper (including cereal boxes, colored paper, manila folders, and glossy paper)
- ☺ White office paper
- ☺ Shredded paper (bagged)
- ☺ Newspaper
- ☺ Hard plastics #1-5
- ☺ HI-5 beverage containers (glass, plastic, and aluminum)
(The ARC is not a Redemption Center)
- ☺ Non-HI-5 glass
- ☺ Tin cans

Don'ts:

While single-stream recycling streamlines the process, it's essential to be mindful of items that cannot be included.

Unaccepted items include:

- ☹ Trash
- ☹ Food waste
- ☹ Single-use plastics (Chip bags, Grocery bags, etc.)
- ☹ Styrofoam and packing peanuts
- ☹ Shrink wrap
- ☹ Magazines or bound materials
- ☹ Hazardous waste
- ☹ Batteries
- ☹ Fluorescent bulbs
- ☹ Vehicle tires
- ☹ Furniture and mattresses
- ☹ Appliances
- ☹ Fire extinguishers

As members of the USAG-HI community, each of us plays a vital role in ensuring the success of single-stream recycling. By adhering to the do's and don'ts, we can collectively contribute to a cleaner and more sustainable environment. Let's continue to prioritize responsible waste management practices and work together towards a greener future for generations to come.



DPW Environmental Staff Highlights

I am Courtlyn Lloyd, and I'm thrilled to have recently joined the CSU-CEMML team as an Environmental Specialist focusing on the Aboveground and Underground Storage Tank Program (AST/UST).

My journey in environmental management began with a Bachelor of Science in Water Resources, Policy, and Management from Virginia Tech in 2022, along with a minor in Green Engineering. Launching my career as an Environmental Specialist at Gerda

u, I found my niche in ensuring environmental compliance. Conducting routine inspections and keeping meticulous records, I ensured adherence to federal, state, and local regulations such as the Clean Water Act (CWA), Clean Air Act (CAA), Resource Conservation and Recovery Act (RCRA) and others.

My dedication to environmental stewardship extended beyond regulatory requirements. I took the lead in promoting corporate social responsibility by fostering partnerships with organizations like Habitat for Humanity. Spearheading pollution prevention initiatives, I sought to minimize our environmental footprint and enhance community well-being. Notably, I developed and delivered innovative training programs, fostering increased employee engagement and the promotion of Environmental Social Governance (ESG) principles.

During my time at Gerda, I actively took part in their Leadership Program (G-Future), where I honed my skills in project management and finance. I collaborated with a team to execute the first-annual Volunteer Games for Gerda Special Steel North America (GSN), resulting in a 42% increase in volunteerism to meet B-Corp Certification requirements.

I arrived on the island last August to be with my husband, who is stationed here with the Army. Since then, I have fully embraced the

vibrant lifestyle of Oahu. The landscape here is like no other, and I have thoroughly enjoyed exploring it through snorkeling and hiking adventures. Staying active and living a healthy lifestyle are passions of mine, and I am currently training for the Hapalua Half Marathon in April. Additionally, I find fulfillment in being active

within my church community, where I engage in various activities and volunteer events. In quieter moments, you will often find me engrossed in my hobbies. Whether I am capturing the island's beauty through painting or losing myself in the pages of an enjoyable book, these activities provide me with a sense of tranquility and joy amidst the island's bustling energy.

I am genuinely excited about the opportunities ahead and eager to collaborate with the CSU-CEMML team in our shared mission of environmental preservation.



Staff Highlights continued

Aloha! I am Lindsay Gursha. I started working for CSU's Clean Water Program in early February. I grew up in Boston, Massachusetts. My passion for the environment sparked when I worked at an organic farm on the island of Hawai'i in 2019. Harvesting Kona Coffee and macadamia nuts taught me a lot about agroforestry and the life cycle of the soil. My favorite part about farming was the community, along with conversing with other farmers at the market. Prior to organic farming, I graduated from the University of Colorado Boulder with a major in Speech, Language and Hearing Sciences. I worked in audiology for seven years where I fit hearing aids, cleaned out ears and evaluated patients hearing. After working in healthcare, I decided to follow my passion for the environment! I am looking forward to growing my knowledge in environmental compliance and stormwater.



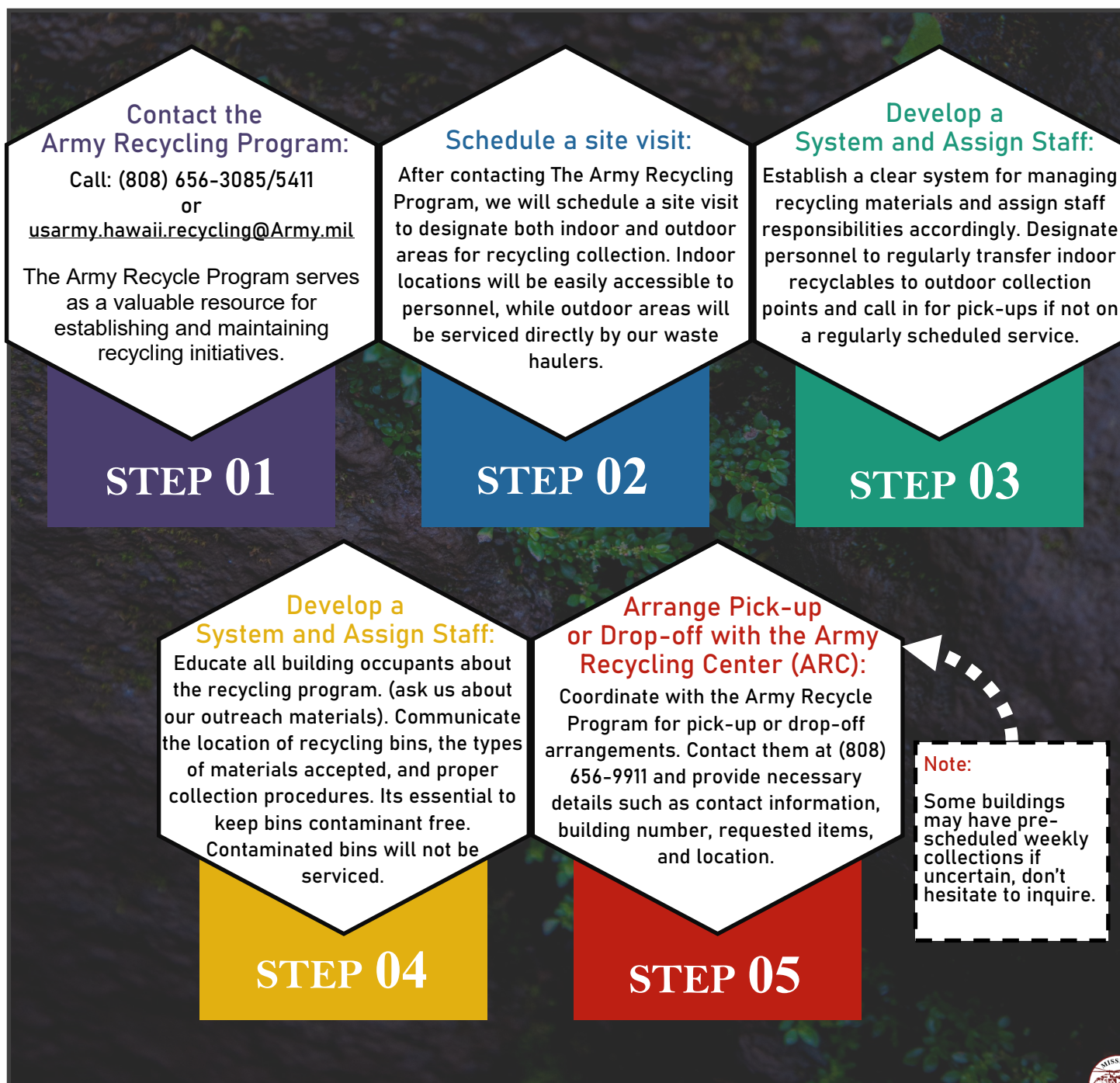
In my free time I like to surf at Pua'ena, ride my moped, work in my garden and hike with my dog! My dog Reggie is 11 years old, and he loves to swim! Hawaii is home to me, and I am looking forward to working with all of you!

**E komo mai Courtlyn
and Lindsay!**

Zero Waste Heroes:

The Quick Guide for Kickstarting your Recycling Setup

As civilians, environmental compliance officers, or senior leaders one of our primary goals is to implement effective pollution prevention measures by recycling (Policy Memorandum USAG-HI-11). Setting up a recycling program within our facilities is a crucial step towards achieving this objective. Recycling not only reduces waste and conserves resources but also demonstrates our commitment to environmental stewardship. If your facility needs a recycling set-up, here's a short guide to ensure a successful startup of recycling at your location:



Environmental Compliance Inspection Checklist: New Look, Same Great Checklist!

The Environmental Compliance Inspection Checklist (ECIC) has a new look for 2024. The checklist has been condensed and streamlined from six pages down to only two, so it fits on one, double-sided sheet of paper. It also has been formatted so that each monthly inspection can be completed on the same checklist so one copy is good for the entire year! In order to achieve this paper saving, user friendly format, many of the items on the ECIC had to be combined which meant removing some of the details from the previous version. As an alternative, the Environmental Division has created an accompanying guide to the checklist that explains each item on the ECIC in detail and includes references to applicable policies and regulations. Are you an "old school" ECO who loves the old checklist and needs some time to adjust? No problem. You can continue to use the old checklist for the rest of the year until you get used to the new one. The checklist and the guide are both available on the [USARHAW Environmental Compliance Officer SharePoint](#) (CAC needed for access).



Dumping: Illegal Act, Unlawful Impact!

Stop Illegal Dumping!

***FAILURE TO COMPLY IS A
PUNISHABLE OFFENSE UNDER
UCMJ ARTICLE 92***

FOR INFORMATION ON PROPER
WASTE DISPOSAL CONTACT THE
ARMY RECYCLE PROGRAM:
usarmy.hawaii.recycling@Army.mil




For Island Palms Communities:
[Click here for Bulky Item Pick-up Schedule](#)








Upcoming Events and Volunteer Opportunities

Events and Activities

-  [Honolulu Botanical Gardens](#)
-  [Outdoor Recreation Center :
Adventure Physical Training Program](#)
-  [Camp Palehua \(Activities and
guided hikes\)](#)

Volunteer Opportunities

-  [808 Beach Cleanup](#)
-  [Kalaeokauna'oa \(Kahuku
Point\) Restoration Work Days](#)
-  [Army Natural Resources](#)



Environmental Compliance Officer Class Schedule

The ECO course covers a wide range of environmental management requirements. One primary and one alternate ECO is required at all levels of command. The 3-day course is required to attain ECO certification. **WALK-INS ARE NOT ALLOWED** For the ECO refresher and senior leader courses click [here!](#)

Class Number	Class Dates	<u>Location:</u> SB 2624 DPW Training Classroom
004-24	02-04 Apr 24	<u>Class Times:</u> 0900-1600
005-24	04-06 Jun 24	
006-24	06-08 Aug 24	



Contact Us!

Army Recycling Program

Phone Number: (808) 656-3085/5411
Pick-up Request line: (808) 656-9911

Clean Air and Safe Drinking Water

Phone Number: (808) 656-3107

Clean Water

Phone Number: (808) 927-6657

ECO Training

Phone Number: (808) 655-1560

Hazardous Waste

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

Spill Prevention and Response

Spill Line: (808) 656-1111

TSCA- Lead and Asbestos

Phone Number: (808) 656-3106

