

ECO Quarterly

U.S. Army Garrison Hawaii DPW Environmental Compliance Newsletter

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Image credit: pixabay.com

2021 WATER QUALITY CONSUMER CONFIDENCE REPORT

Do you want to know what's in your drinking water?

U.S. Army Garrison Hawaii (USAG HI) is responsible under the Safe Drinking Water Act for providing an annual Consumer Confidence Report (CCR) to their drinking water consumers. The 2021 Annual Water Quality Reports contains calendar year 2020 CCR information including:

- Origin of drinking water
- Source of potential contaminants
- Water quality information and results
- Water conservation tips

The USAG HI Directorate of Public Works (DPW) operates four water systems - Aliamanu, Fort Shafter, Schofield, and Tripler. The Aliamanu report includes both the Aliamanu and Red Hill Housing areas. The Schofield report includes Schofield Barracks, Wheeler Army Airfield, and Helemano Military Reservation.

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



We encourage you to review the Annual Water Quality Report on the USAG HI Safe Drinking Water Act Program website for the installation where you live and/or work.

USAG HI strives to provide the Army's Soldiers, families, and employees with the some of the cleanest and safest drinking water available in Hawaii.

2021 Consumer Confidence Reports

Aliamanu Military Reservation: <https://home.army.mil/hawaii/index.php/water-quality-report-amr>

Fort Shafter: <https://home.army.mil/hawaii/index.php/water-quality-report-shafter>

Schofield Barracks: <https://home.army.mil/hawaii/index.php/water-quality-report-schofield>

Tripler Army Medical Center: <https://home.army.mil/hawaii/index.php/water-quality-report-tamc>

2021 Annual Water Quality Report (for water quality in 2020)



U.S. ARMY GARRISON—HAWAII

Schofield Barracks



Serving
Schofield Barracks
Wheeler Army Airfield
Helemano Military Reservation

The Safe Drinking Water Act requires all community water systems to provide an annual Consumer Confidence Report (CCR) to their customers. CCRs provide drinking water quality information, including information on the origin of the drinking water and any detected contaminants.

U.S. Army Garrison-Hawaii is providing this report as a service to the community in conjunction with this Safe Drinking Water Act requirement.

How does the CCR work? An essential part of the CCR is the water quality table on page 3 showing the level of each substance detected during 2020. There are three columns on the table which should be given special attention: the maximum

contaminant level (MCL), the level detected, and whether a violation occurred. The Environmental Protection Agency (EPA) set MCLs for a number of substances which may be found in drinking water. All of the substances listed in the table are below the MCLs set by the EPA. U.S. Army Garrison-Hawaii continues to provide some of the cleanest and safest drinking water available in Hawaii.

What is the source of the water? Drinking water is obtained from four deep wells located under the Schofield Barracks Water Treatment Plant. Water from the plant is distributed to three military installations: Schofield Barracks (including the East Range), Wheeler Army Airfield, and Helemano Military Reservation. Trichloroethylene (TCE) and minor amount of tetrachloroethylene (PCE) are removed from the ground water by an air stripping treatment. The water is chlorinated before treatment and chlorine and fluoride are added after treatment. Both additives are required under Army standards. Chlorine is used as a disinfectant and fluoride is used to promote strong teeth in children.

Drinking water at Helemano Military Reservation is a combination of water from the Schofield Barracks Water System and the Naval Computer Telecommunications Area Master Station (NCTAMS) Water System. The NCTAMS water is pumped up from an aquifer. The water is disinfected and fluoridated and then piped to Helemano's distribution system. A separate column for the NCTAMS Water System's water quality is depicted for Helemano residents.

The susceptibility of the Schofield Barracks Water System to contamination has been evaluated under the Hawaii Source Water Assessment Program. The results of the Assessment, dated March 2004, are available for review by contacting the Directorate of Public Works, Environmental Division, at (808) 656-3107.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations which limit the amount of specific contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health as tap water.

THE FOLLOWING PAGES WILL DESCRIBE THE CONTAMINANTS AND THE RESULTS OF THE DRINKING WATER SAMPLING THAT OCCURRED IN 2020.

Inside this Report:

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HOW TO DISPOSE OF GREEN WASTE AT WORK AND AT HOME



Those living and working on USAG HI installations experience many benefits living in Hawaii, from beautiful weather to lush landscapes. However, due the year-round tropical weather, we always have to maintain fallen leaves and palm fronds, as well as grass clippings in our yards.

Properly disposing of green waste is especially important to the health of our streams, rivers, and oceans. Even though these items come

from nature, leaves, grass clippings, and soil can have detrimental impacts on our waterways. These materials can contribute to higher turbidity and increase phosphorous levels in water, which both have negative impacts on water quality and wildlife.

It's crucial to properly dispose of your green waste to keep our waters healthy. Never put green waste down a storm drain or directly into a waterway.

Green Waste Disposal Options

USAG HI Facilities (motorpools, offices, barracks, etc.): Bring all green waste to the Army Recycle Center, located at 1087B McMahon Road, Schofield Barracks, Hawaii. Hours of operation: Monday- Friday 0730-1600.

IPC Housing Residents: IPC residents can place their green waste on the curb with regularly scheduled recycling pick up. IPC Housing requires that "green waste such as limbs, fronds and large leaves should be neatly bundled and tied together in a neat package not to exceed 4 feet in length by 2 feet in width."

Check out IPC Housing's website for more information:
<https://www.islandpalmcommunities.com/resident-resources/>

Off-post Residents: Residents living off-post should visit [Opala.org](https://www.opala.org) for information on how to properly dispose of green waste.



PREPARING FOR YOUR PCS MOVE

DONATIONS, RECYCLING AND TRASH




Many of our USAG HI military personnel and families are preparing for a Permanent Change of Station (PCS) in the near or far future. Moving can be a stressful time, with a lot of uncertainties. The Army Recycle Program wants to make the process a little easier by offering tips on how to make your move as environmentally friendly as possible.

The most important piece of advice is to plan ahead! Even if you are unsure of your exact move date, you can still start early by making a list of the items you're planning on

donating, recycling, or throwing away. With this list and the information below, you can cross off one major item on your check list. This will reduce the stress of packing on short notice, encourage reuse options for your personal property, and eliminate illegal dumping on base.



Image credit: pixabay.com

-  **Step 1:** Make a list of your items and separate them into 4 categories: Keep, Donate, Recycle, and Trash.
-  **Step 2:** Start **donating!** Keep track of the items that you can donate early or the ones you want to hold on to until right before you move. Give away your gently used items to friends, family, or local organizations. You can donate gently used items to the Schofield Barracks Thrift Store, Fort Shafter Thrift Store or local options off-base. Check in with each organization to learn more about which items they're accepting.
-  **Steps 3 and 4:** Be sure to **recycle** the items that you cannot donate and are not planning on taking with you. Any other items that cannot be donated or recycled should be properly disposed of in the **trash** (*review proper disposal protocols for hazardous and universal waste)
 - **On-post IPC Housing residents:** Recycling, trash and bulky items are picked up weekly or biweekly right from your curb. Check out the IPC website for more information: <https://www.islandpalmcommunities.com/resident-resources/>
 - **Barracks residents:** Contact the Army Recycle Program for your schedule and more information on disposal options at (808) 656-9911 or usarmy.hawaii.recycling@mail.mil
 - **Off-post residents:** Check out the City and County of Honolulu Opala website for more information on recycling and disposal options: <https://opala.org/>

SPILL PREVENTION AND RESPONSE

HELP PROTECT HAWAII'S COASTAL WATERS

With the number of tactical vehicles and equipment your Unit maintains, you're bound to experience a few leaks. In fact, 70% of spills recorded at USAG HI are due to leaking vehicles and equipment failure. Even relatively small oil spills can cause major environmental and economic harm as well as make for a real bad day at work.

Be serious about spill prevention, don't become another statistic in the DPW Environmental Division database! See below for tips on how to stop leaks before they hit the ground and help prevent those pollutants from being carried away into the ocean. Our honu (sea turtles) will thank you!

Image credit: NOAA



Sea turtle covered in oil from a major spill

- Train operators and maintenance personnel at all levels to recognize, act upon, and report small drips and leaks for repair before they become spills to the environment;
- Move leaking vehicles indoors and capture leaks to prevent a release;
- **Prioritize immediate spill containment and cleanup ... do not wait until Monday to clean up!** Spills not cleaned within 72 hours are reportable to external agencies such as the Hawaii Department of Health;
- Oil runoff is also reportable and pollutes surface waters which can lead to fines of up to \$25K per day (funded by your operating budget, not DPW Environmental);

Report **ALL** spills to the DPW Environmental Division SPCC Program: (808) 656-1111 (or (808) 656-3272 after hours)



AUTHORIZED USE LISTS (AUL)

WHY ARE THEY IMPORTANT?

Protecting the health of personnel and the environment is vital to the success of the USAG HI mission. Critical to accomplishing this goal is reducing the quantities of hazardous materials (HM) stored at the unit/activity level and tracking HM used and stored on our installations. Accurate tracking and reducing total HM procured will lower USAG HI's total waste generation, saving money in the process.

[Policy Memorandum USAG-HI-8, Authorized Use List \(AUL\)](#) requires all units, down to the company level, to identify a 30-day supply of HM necessary to meet daily mission requirements. The AUL is based upon the Unit Basic Load (UBL) and shall be approved by the Company Commander. Units are permitted to store only up to the amount of HM designated on their AUL for their facilities. The core

objective is to improve logistics and operational mission performance by controlling and reducing the acquisition, use, handling, and disposal of HM and the generation of hazardous waste (HW). This is consistent with Army supply chain integration and sustainability objectives.

Currently, many AULs are inflated and inaccurate, allowing units to order more than needed for a 30-day supply. This results in HM exceeding their expiration dates and, therefore, requiring disposal. If these expired HMs are not managed properly, it could lead to environmental violations and possibly fines. Furthermore, USAG-HI-8 requires units and activities to pay for disposal costs associated with the mismanagement of expired and excess HMs. Funds used for payment of such fines/disposal costs reduce available

funding for other critical base/mission requirements.

In order to comply with this important policy, commanders, ECOs and supply personnel must review and revise their AULs to ensure they accurately reflect a 30-day operational supply. Most importantly, check the AUL before ordering HM to ensure inventory stays within these quantities.

The DPW Environmental Division compliance inspectors will be checking AULs for accuracy on their quarterly inspections. Non-compliance will result in an "Unsatisfactory" inspection rating. It is imperative to review your AUL as soon as possible to prepare for inspection. If you have any questions about the AUL policy or need assistance with updating your AUL, contact your inspector for more information.

2020/21 ENVIRONMENTAL COMPLIANCE OFFICER TRAINING DATES

2021	
13 JUL	SLECT
15 JUL	ECO REFRESHER
3-5 AUG	ECO BASIC
14 SEPT	SLECT
16 SEPT	ECO REFRESHER
5-7 OCT	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>

