

ENVIRONMENTAL BULLETIN

A collection of social media posts from the previous month and announcements for upcoming events

May 2021

Marine Corps Base Hawaii Environmental Compliance & Protection Division (ECPD)



Naupaka plant. PC: Karen Bryan



Earth Day Every Day



Announcing Earth Month April 2021 “What You Can Do”

Posted: March 31, 2021

EARTH MONTH APRIL 2021

"What You Can Do"

BROUGHT TO YOU BY THE MCBH ENVIRONMENTAL DIVISION

Read and Share Earth Day 2021 social media posts
Fun Activities to do while social distancing
April Bike Competition
Nu`upia Ponds Scavenger Hunt
DIY Activities
Much, much more!

MCBH Environmental webpage
<https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Environment-Logistics/Environmental/>

National Earth Day | April 22, 2021
51st Anniversary



FOLLOW MCBH ON SOCIAL MEDIA AT:

Facebook:
[@MarineCorpsBaseHawaii](https://www.facebook.com/MarineCorpsBaseHawaii)
Instagram: [https://
www.instagram.com/
mcb_hawaii/](https://www.instagram.com/mcb_hawaii/)

ARTICLES ON SOCIAL MEDIA APRIL 1—30

ACTIVITIES TO DO WHILE SOCIAL DISTANCING

**Submit your photos in
the post comments!**

Celebrating Earth Day April 2021 “What You Can Do” Stewardship, Sustainability, Conservation, Compliance, Pollution Prevention

Posted: April 04, 2021



April 22nd marks the 51st Anniversary of National Earth Day! Along with our nation, Marine Corps Base Hawaii (MCBH) celebrates our vital role as stewards of the land, air, and waters entrusted to us. Sustaining a healthy environment for our Marines, sailors, families, civilians, and neighboring communities is a responsibility we take seriously.

Leading the charge is the MCBH Environmental Compliance and Protection Division (ECPD). The ECPD staff, a group of dedicated active duty Marines and civilian professionals advise and guide the installation to keep it a clean “green” place to live, work, and play. ECPD focuses on compliance with environmental laws, sustainable practices, preventing pollution, conserving and

protecting our natural and cultural resources, training, and outreach at MCBH. These efforts contribute to the combat readiness of our Marines and protect human health and the environment. Celebrate Earth Day this month as our theme focuses on “What You Can Do” to protect our people and planet.

“What You Can Do” – Be on the lookout for “What You Can Do” in every Earth Day 2021 social media post throughout the month of April. Participate in fun Earth Day events like the Nu`upia Ponds Scavenger Hunt and MCBH April Bike Competition! -- Brought to you by MCBH Environmental <https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Environment-Logistics/Environmental/>

Weed Warrior Service Project

Posted: April 07, 2021

WANTED! DEAD OR ALIVE

Pluchea
Kiawe
Mangrove
Christmas Berry
Silver Buttonwood

INVASIVE SPECIES

Come join Base Environmental in removing invasive species from habitats of native wildlife!

- Letter of Appreciation issued for all active duty!
- Learn about the native ecosystem & traditional Hawaiian culture
- Become an official Weed Warrior!

2021 Dates:
April 10th (weed cleanup)
April 15th (beach cleanup)
June 12th
August 14th
October 9th
December 11th

Contact Base Environmental for more information 257-7000, -7129, or -7131

Congressman Ed Case Visits MCBH

Posted: April 09, 2021




The purpose of the visit was to inform Case and staff on the installation's roles, missions, and capabilities, as well as highlight the ways in which it supports operational forces, their families, and the surrounding community.

(U.S. Marine Corps photo by Lance Cpl. Samantha Sanchez; Speaker: MCBH Environmental Compliance & Protection Director LtCol Timothy Pochop)

Nu`upia Ponds Scavenger Hunt

Posted: April 11, 2021





Nu`upia Ponds Scavenger Hunt



Check the box of each plant and animal that you see. Circle "N" for native OR "I" for introduced.

Answers on <https://www.mcbhawaii.marines.mil/Offices-Staff/3-4-Installations-Environment-Logistics/Environmental/>
Provided to you by The MCBH Environmental Division

 <input type="checkbox"/> Hawaiian Duck (Koloa) N or I	 <input type="checkbox"/> Red Mangrove N or I	 <input type="checkbox"/> Hawaiian Stilt (Ae'o) N or I	 <input type="checkbox"/> Black Crowned Night Heron N or I
 <input type="checkbox"/> Kiawe N or I	 <input type="checkbox"/> Pacific Golden Plover N or I	 <input type="checkbox"/> Indian Mongoose N or I	 <input type="checkbox"/> Koa Haole N or I
 <input type="checkbox"/> Green Turtle N or I	 <input type="checkbox"/> Milo N or I	 <input type="checkbox"/> Silver Buttonwood N or I	 <input type="checkbox"/> What is this animal? N or I

MCBH Semi-Annual Base Cleanup

Posted: April 16, 2021



The semi-annual base cleanup occurs every April and October, with the goal of clearing manmade debris from the natural environment. (U.S. Marine Corps photo by Lance Cpl. Brandon Aultman)

Celebrating Earth Day April 2021 “What You Can Do”

Wildlife and Lighting

Posted: April 18, 2021



By: Keith Roberts

For millions of years, wildlife has relied on the predictable regularity of day and night. Humans have interrupted this cycle by lighting up the night with artificial lighting. Scientific evidence suggests that artificial lighting has negative and detrimental effects on wildlife. Birds and turtles are two of many types of wildlife that are impacted by lighting on Marine Corps Base Hawaii.

April 15th - October 31st is turtle nesting season. Sea turtles nest on sandy beaches and their young hatch at night. After emerging from a nest, hatchlings navigate to the sea by using the bright horizon over the ocean. When artificial light is present on shorelines, it has the potential to draw hatchlings inland, away from the open water. Because turtle

hatchlings navigate toward the brightest horizon after emerging from their nest, it is important to minimize all outdoor lighting during turtle nesting season.

September 15th - December 31st is seabird fallout season. This is the time of year when fledgling seabirds use natural lighting (moonlight) to navigate out to sea where they will spend most of their lives. Artificial lighting will disorient them and actually draw them inland, instead of out to sea. When this happens, the bird will often become disoriented, crash into structures and fall to the ground, where they become extremely vulnerable to predators, vehicles, and dehydration.

“What You Can Do” -- It is important to always turn off unnecessary outdoor lights and close window blinds/curtains that face the ocean at night during the critical seasons for our turtles and seabirds. Report injured marine wildlife or sightings to the MCBH Environmental Division at: (808) 257-7000/7129/7131. If Environmental Division cannot be reached, please contact Hawaii Marine Animal Response (888) 256-9840.

References:

- <https://www.darksky.org/light-pollution/wildlife/>
- <https://dlnr.hawaii.gov/wildlife/seabird-fallout-season/>

Mokapu Cultural Sites Bike Tour

Posted: April 30, 2021



MCB Kaneohe Bay, HI - Bicyclists prepare to take part in the Mokapu Cultural Sites Bike Tour, Marine Corps Base Hawaii, April 23, 2021. MCBH Cultural Resource Managers, June Cleghorn and Arleen Garcia-Herbst, led a tour while informing participants of the protected cultural sites and historic significance of the MCBH Mokapu Peninsula. (U.S. Marine Corps photo by Lance Cpl. Samantha Sanchez)

Celebrating Earth Day April 2021 “What You Can Do” Oil and Water Don’t Mix!

Posted: April 23, 2021

Spills can pollute our air, water and soil. On water, though each one may seem small in volume, oil spills from small vessels can quickly add up! A spill of just one gallon of oil can affect 1 million gallons of water. On land, fuel spills on a rainy day at the vehicle gas station drains polluted water to storm drains and directly into our oceans. How do oil spills happen? The most common causes are spillage during refueling of vehicles and boats, and bilge discharges from boats when oil and water accumulate in the bottommost compartment and then gets pumped out.

“What You Can Do” -- In order to prevent spills and keep our waters clean, regular vehicle maintenance is recommended:

- Tighten bolts on your engine to prevent oil leaks.
- Replace cracked or worn hydraulic lines and fitting before they fail.
- Use an oil tray or drip pan. You don’t need anything expensive... a cookie sheet or paint tray will do the trick!

“What You Can Do” -- When refueling at the pump, be sure to:

- Avoid overflows while refueling by knowing the capacity of your tank and leaving some room for fuel expansion.
- If operating a boat, be sure to shut off your bilge pump while refueling – don’t forget to turn it back on when done!

(Graphics Credit: Whitney Anderson, MCBH Environmental Div)

5 WAYS TO PREVENT AN OIL SPILL:

1. Tighten bolts on your engine!
2. Replace cracked or worn hydraulic lines and fittings before they fail!
3. Use an oil tray or drip pan when performing maintenance!
4. Avoid overflows while refueling by knowing the capacity of your tank and leaving room for fuel expansion!
5. When refueling, be sure to shut off your bilge pump!



Celebrating Earth Day April 2021 “What You Can Do”

Did you know... Ready to Respond

Posted: April 24, 2021



U.S. Navy Corpsman Spurgeon Crosby observes Waterfront Operations and fellow Sailors tow a floating barrier during the equipment deployment training phase of exercise Hanini Response at Marine Corps Base Hawaii (MCBH) on Apr. 24th, 2018. Personnel from various federal, state, and local agencies participated in the National Preparedness for Response Exercise Program, deemed “Hanini Response,” from Apr. 24th – 26th. The purpose of the exercise was to train for a potential hazardous materials spill in accordance with the Hawaii Area Contingency Plan and the MCBH Immediate Response Guide.

Marine Corps Base Hawaii, Kaneohe Bay stands by, ready to respond to any spill that would threaten human health and the environment in our community.

Through implementation of Response Team Training and spill equipment deployment drills, we ready our on-water response team to effectively protect the highly sensitive areas surrounding MCBH to include the marine environment and sensitive coral reefs.

Every three years, MCBH is required to demonstrate the ability to quickly respond to a “Worst Case Discharge” scenario where 1.26 million gallons of Jet fuel is released into Kaneohe Bay; the cleanup of smaller spills is practiced each year otherwise.

The designated MCBH Facility Response Team, MCBH Waterfront Operations personnel are trained to provide on-water response to any release that enters Kaneohe Bay.

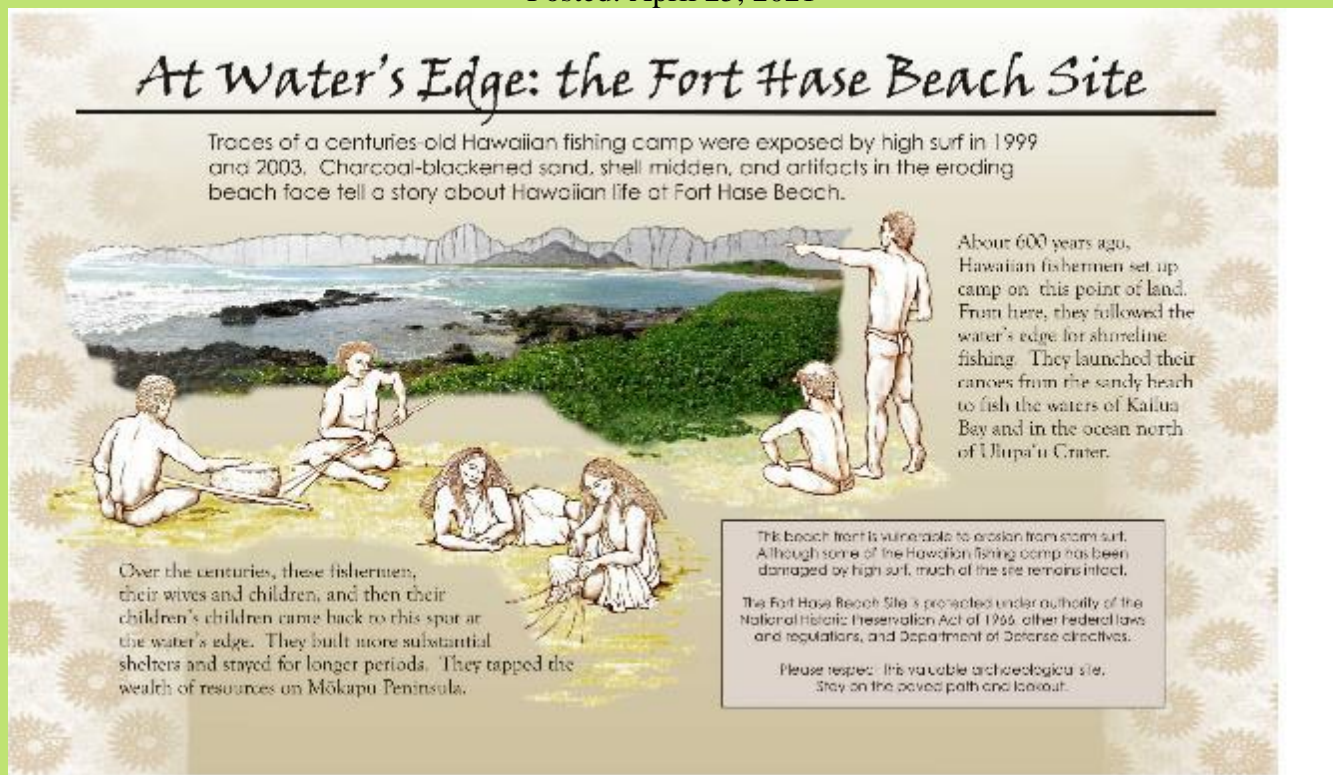
Additionally, MCBH Emergency Operations Center staff are trained to manage the response efforts in coordination with the USCG, State DoH, the Local Emergency Planning Committee, Navy SUPSALV, and the local spill response community.

“What You Can Do” – Prevent oil spills and protect our oceans from pollution.

-- Brought to you by MCBH Environmental <https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Environment-Logistics/Environmental/>

**Celebrating Earth Day April 2021 “What You Can Do”
DID YOU KNOW... Fort Hase/Ulupa‘u Beach...an Ancient Past**

Posted: April 25, 2021



...Hawaiians lived and camped at the Fort Hase Beach cove 600 years ago in the same location where a beach pavilion used to sit during the 1970s-2000s! The MCBH Cultural Resources Management (CRM) Program has recorded that the Fort Hase Beach cove, located in the traditional Hawaiian land division of Ulupa‘u, was likely enjoyed by early inhabitants of Mokapu peninsula as much as it is by the MCBH population that frequents this same beach cove today.

...Archaeologists have excavated this ancient Ulupa‘u beach cove camp site and recovered artifacts, ancient food debris, and charcoal from ancient earth ovens or *imu* that tell the story of what the first Hawaiian inhabitants were doing at Mokapu peninsula 600 years ago. Artifacts found included bone and shell fishhooks, stone tools, bone picks (likely used as eating utensils), and drilled shell pendants; ancient food debris included fish bones, sea urchin spines, limpet or *opihi* shells, and sea snail shells or *kupe‘e* the animals of which were consumed and the *kupe‘e* shells drilled and used for bracelets or anklets.

...The first Hawaiian inhabitants who camped on Mokapu peninsula often buried their deceased family members near to their campsites, likely because they wanted to keep their loved ones close but also because they didn't have mechanical modes of transportation to transport their deceased away from their camp sites. A few human burials have been found eroding out of the Ulupa‘u beach cove archaeological site, and MCBH works with Hawaiian descendants, also known as *kanaka maoli*, of Mokapu's early inhabitants to ensure any human skeletal remains are cared for in ways that the Hawaiian descendants know their ancestors would have wanted.

...Modern Hawaiian descendants of Mokapu's early inhabitants have strong cultural and ancestral attachments to Mokapu peninsula's archaeological sites that are homes to their ancestors. Archaeological sites are protected under federal laws and financial penalties can be levied against any persons who knowingly damage or impacts these sites.

...MCBH will be improving the Fort Hase Beach parking area and installing erosion control measures, interpretive signs, and a footpath that will provide guided access to the beach and coastal fishing area while also educating users about the Ulupa‘u beach cove archaeological site.

“What You Can Do” -- We ask that Fort Hase Beach users respect sites like the Ulupa‘u beach cove archaeological site and avoid walking over them and report any signs of impacts or damage to this site or others.

-- Brought to you by MCBH Environmental <https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Environment-Logistics/Environmental/>

Photo Credit: MCBH Cultural Resources Program; Interpretive sign to be installed on the footpath.

**Celebrating Earth Day April 2021 “What You Can Do”
MSgt Tokiwa -- 1st and 3rd Weekly Winner MCBH Bike Competition**

Posted: April 30, 2021



Master Sergeant William D. Tokiwa is a two time winner! He won both the 1st and 3rd week of our Weekly “Winners” for the MCBH Earth Month April Bike Competition. Week 1, he rode and won with 63.9 miles and Week 3 with 182.8 miles! MSgt Tokiwa is stationed here at MCBH Kaneohe Bay and is 3rd Marine Regiment’s S-6 Electronics Maintenance Chief. Well done!

“What You Can Do” -- Let’s bike more and drive less. It’s good for the environment and good for our health. April 22nd is National Earth Day and we’re celebrating it the whole month of April. See MCBH Environmental webpage for Bike Competition contact and details

Photo Credit: He Xu-Sadri, Base Environmental; Pictured: MSgt W. D. Tokiwa accepting congratulations on his day off.

**Celebrating Earth Day April 2021 “What You Can Do”
Team VR-51 -- 2nd Weekly Winner MCBH Bike Competition**

Posted: April 30, 2021

Team “VR-51” is the 2nd Weekly Winner in our MCBH Earth Month April Bike Competition! This winning team of 8 cyclists rode and won Week 2 of our competition with 179.52 miles! Winners are AWF1 Ador Maranan, AWF2 Jose Robert Sevilla, AWF2 Robin Santillan, AWF2 Jonathan Moran, NC1 Damian Walawender, LCDR Patrick Griffin, LCDR Scott Sulich, and CDR Heath Leggett. All are stationed here in VR-51 at MCBH Kaneohe Bay Hangar 104. Well done!

“What You Can Do” -- Let’s bike more and drive less. It’s good for the environment and good for our health. April 22nd is National Earth Day and we’re celebrating it the whole month of April. See MCBH Environmental webpage for Bike Competition contact and details.



Photo Credit: He Xu-Sadri, Base Environmental; Pictured: AWF2 (NAC) J. S. Moran accepting congratulations on behalf of VR-51 Team.

Announcements & Upcoming ECPD Events

May 2021: Final Winners to be announced for April 2021 MCBH Earth Month Bike Competition

May 2021: MCBH Local Environmental Compliance Courses: May 12-13 and May 19-20, 2021

May 2021: MCBH Environmental Division has a new webpage address:

<https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Logistics/Facilities/Environmental/>

June 2021: MCBH Local Environmental Compliance Course: June 16-17, 2021

July 2021: MCBH Local Environmental Compliance Course: July 14-15, 2021

For more ECPD information visit: <https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Logistics/Facilities/Environmental/>