



REPI

UNITED STATES DEPARTMENT OF DEFENSE
READINESS AND ENVIRONMENTAL
PROTECTION INTEGRATION PROGRAM

PROJECT PROFILES

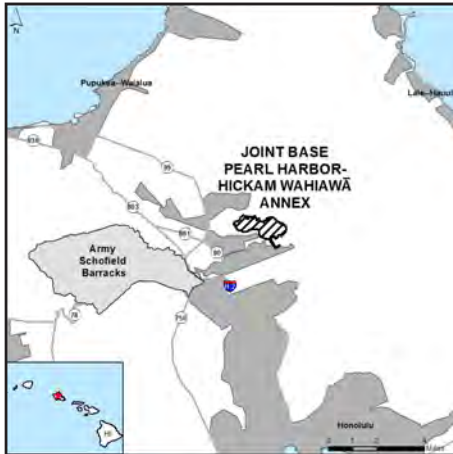
U.S. NAVY | U.S. AIR FORCE | HAWAII



JOINT BASE PEARL HARBOR-HICKAM WAHIAWĀ ANNEX

Joint Base Pearl Harbor-Hickam's Wahiawā Annex is a communication hub for the U.S. Navy and Department of Defense in the Pacific.

The installation provides satellite-based, telephone and data communication services from antennas on the island of O'ahu, which directly support the warfighter



and other government missions globally. Antennas for low-earth orbiting satellites require 360 degree, clear view angles from five degrees above the horizon, meaning any development and tall obstructions on adjacent parcels can create community disturbances, harm surrounding indigenous habitats, and negatively impact the Department of Defense Navy's mission.

The lands surrounding the Wahiawā Annex are former farmlands owned by Dole Food Company, which wanted to

divest itself of these parcels. Even partial obstructions on property to the south of the Annex compromise the quality and efficiency of transmitting and receiving the large volumes of voice and data communications required by the Wahiawā Annex mission. Through REPI, the Navy is working with the Trust for Public Land to protect these surrounding lands from development pressures.

After acquiring the property, the Trust for Public Land will limit building heights and convey the land to the State of Hawai'i for agricultural production. These efforts bolster state plans to jump-start farming and support needed agribusiness on O'ahu. This project provides the additional benefit of maintaining undeveloped lands underneath an overflight area for operations from the nearby Wheeler Army Airfield, multiplying its value to DOD and the entire region. Additionally, this project is improving water security by enhancing groundwater recharge into the Pearl Harbor aquifer, which supplies water to the installation and the surrounding communities. Erosion control measures will be implemented as well to reduce the volume of runoff into the aquifer, improving the water quality for several threatened and endangered species.

BENEFIT SUMMARY

COMMUNITY

- Preserves open space and agricultural land
- Recharges water supply for surrounding communities
- Supports ongoing regional planning efforts
- Bolsters the local economy

MILITARY

- Protects communication antennae against obstructions and electromagnetic interference
- Improves operational security and reduces trespassing on military lands
- Prevents flight operations from additional noise complaints



Nearby pineapple fields and other agricultural lands (top), surround and protect the Navy's state-of-the-art Mobile User Objective System satellite dishes and narrowband tactical satellite communications system for improved ground communications for U.S. forces on the move (above).

KEY PARTNERS

- City and County of Honolulu
- MA'O Organic Farms
- State of Hawai'i Agribusiness Development Corporation
- State of Hawai'i Department of Land and Natural Resources
- State of Hawai'i Division of Forestry and Wildlife
- The Trust for Public Land

FAST FACTS THROUGH 30 SEP 2022

- ACRES PRESERVED: 2,175
- TRANSACTIONS CONDUCTED: 6
- TOTAL FUNDS EXPENDED: \$22.0 million*
- PROJECT STATUS: In Progress

* An additional \$14.9 million in REPI funding has been obligated for JBPHH projects under the Sikes Act authority.

CONTACT

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