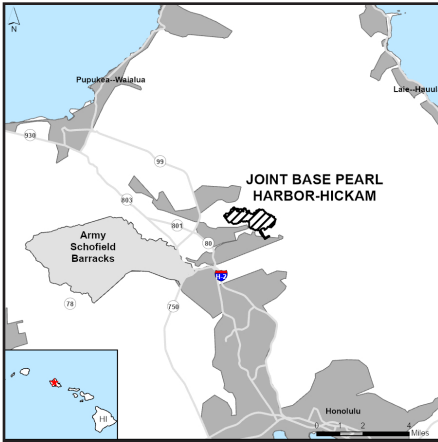




JOINT BASE PEARL HARBOR-HICKAM

Joint Base Pearl Harbor-Hickam's Wahiawa Annex is one of several annexes to the installation and 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 Oahu, 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 negatively impact the Department of Defense Navy's mission.



The lands surrounding the Wahiawa 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 Wahiawa Annex mission. Through REPI, the Navy is working with the Trust for Public Land to protect these surrounding lands from being incompatibly developed.

After acquiring the property, the Trust for Public Land will limit building heights, secure a security buffer for the Navy, and convey the land to the State of Hawaii for agricultural production. These efforts bolster state plans to jump-start farming and support needed agribusiness on Oahu. 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 for the Navy by enhancing groundwater recharge into the Pearl Harbor aquifer, which supplies water to the installation. 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
- 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
- Prevents incompatible land use and activities



Nearby pineapple fields and other agricultural lands (top), provide a buffer for 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 of Honolulu
- County of Honolulu
- MA'O Organic Farms
- State of Hawaii Agribusiness Development Corporation
- State of Hawaii Department of Land and Natural Resources: Division of Forestry and Wildlife
- The Trust for Public Land

FAST FACTS THROUGH 30 SEP 2021

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

CONTACT

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