



# REPI

UNITED STATES DEPARTMENT OF DEFENSE  
READINESS AND ENVIRONMENTAL  
PROTECTION INTEGRATION PROGRAM

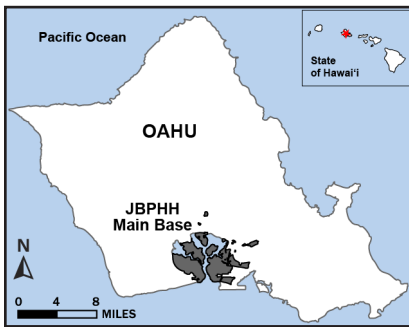
## PROJECT PROFILES

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



### JOINT BASE PEARL HARBOR-HICKAM

**Joint Base Pearl Harbor-Hickam (JBPHH) is a strategic hub for both Air Force and Navy operations in the Pacific region and supports various tenant commands and activities.**



As part of JBPHH's REPI Program, Wahiawā Annex is a facility that 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 and 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

## CONTACT

COMMUNITY PLANS AND LIAISON OFFICE:  
(808) 449-3138

## FAST FACTS FROM FY 2017 THROUGH FY 2024 | Project Status: In Progress

| Authority                     | Transactions | Acres Protected, Managed, or Improved | Total Funds Expended  |
|-------------------------------|--------------|---------------------------------------|-----------------------|
| 10 U.S.C. § 2684a             | 8            | 2,409                                 | \$27.0 million        |
| Other (e.g., Sikes Act, IGSA) | —            | —                                     | \$24.4 million        |
| <b>TOTAL</b>                  | <b>8</b>     | <b>2,409</b>                          | <b>\$51.4 million</b> |

Subtotals may not sum to combined totals due to rounding

For more information about the REPI Program and supportive DOD efforts, please visit [www.repi.mil](http://www.repi.mil).