

Marine Corps Base (MCB) Hawaii, Kaneohe Bay

- MCB Hawaii, Kaneohe Bay is located on the Mokapu Peninsula on the windward side of the Hawaiian Island of Oahu
- The area has been used by the military since 1918
- Today there are almost 10,000 active duty Navy and Marine Corps personnel attached to the base
- The base consists of 2,951 acres used mainly for aviation runways, hangars, operational and support facilities, and housing



The MCB Hawaii, Kaneohe Bay Environmental Restoration program investigates and cleans up hazardous substances that may pose a risk to human health or the environment

Installation Restoration Program: Addresses past releases of hazardous substances, pollutants, or contaminants on Navy/Marine Corps installations that pose risks to human health or the environment

Munitions Response Program: Addresses environmental health and safety hazards from munitions of explosive concern and munitions constituents on Navy and Marine Corps property due to past use of military munitions

Environmental Restoration Process

Step 1: Preliminary Assessment and Site Inspection

- Identify contaminated sites based mostly on the review of existing information
- Conduct only limited sampling if needed to assess if there is the potential for harmful effects to people, animals, or plants from the onsite contamination
- Filtering step to eliminate sites that are clearly safe and require **No Further Action** and identify those that pose immediate risks requiring accelerated cleanup or those that need further study



Step 2: Remedial Investigation and Feasibility Study

- Conduct sampling and other field work to better identify where the contamination is located and how much is present
- Identify and evaluate cleanup options including a **No Further Action** alternative

Step 3: Select and Document Cleanup Plans

- Develop a Proposed Plan identifying the preferred cleanup option, alternatives considered and the evaluation process
- Provide 30 days for public to review and comment on the Proposed Plan
- Formalize the decision in a **Record of Decision** Document or other **Decision Document**

Step 4: Design and Conduct the Cleanup

- Conduct construction work to cleanup contamination or build an on-site system to remove/reduce contamination
- Monitoring may be required to determine if the system is working correctly and determine when cleanup is complete

Step 5: Response Complete

- Have achieved cleanup goals for the site specified in the Record of Decision or Decision Document
- If contamination has been removed to a level that allows unlimited use of the site then the site has reached **Site Closeout**
- Sites which still contain hazardous substances at levels that do not allow unlimited use enter into **Long Term Management**

Long Term Management Examples

- Groundwater Monitoring
- Land Use Controls such as
 - Signs
 - fencing or
 - restricted uses
- Preparation of Five-Year Review Reports

