



EXECUTIVE SUMMARY

Marine Corps Base Hawaii (MCBH) maintains properties at Kaneohe, Waimanalo, Camp Smith, and Waikane Valley, all on the island of Oahu. As part of MCBH's Integrated Resources Management Plan, the Environmental Compliance and Protection Department (ECPD) of MCBH has tasked the U.S. Army Corps of Engineers (COE) Honolulu District to delineate wetlands on these MCBH installations. The delineations were performed in accordance with the COE 1987 Wetland Delineation Manual and were certified for regulatory purposes by the COE Honolulu District for five years. This report contains the documentation which went into the delineation process.

Wetlands are dynamic in nature and their characteristics and size vary with changes in land use, hydrology patterns and other natural and human actions. This report and its contents are a snapshot of the wetlands that will surely change over time. It is intended that the research, mapping, and database that has been accomplished for this effort be put in a format that can be used for future updates or for individual wetlands. Geographic Information Systems (GIS) and Global Positioning System (GPS) techniques were used to provide a layer of information of present wetland conditions and form a basis for collecting comparative data in the future.

The digital mapping was accomplished using ArcView software and the data is included in a CD that is part of this report. Other resources such as historical maps, previous wetland mapping efforts, and related permit actions have been captured in digital format and included in the CD. Reference documents were scanned in Adobe Acrobat PDF format and are text searchable using the index on the CD. A set of foldout maps showing the wetland delineations are also a part of this report.

The regulatory statutes and guidance of the COE changes through the years. As an example, certain types of wetlands have alternated between being regulated and not regulated. Even the wetland delineation manual has been through several changes. For these reasons, the Regulatory Branch of the COE should be contacted at 438-9258 to verify whether proposed projects will affect waters of the U.S., including wetlands, and whether Department of the Army permits are required.

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