



# University of Hawaii at Manoa

Environmental Center  
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May 27, 1987  
RP:0073

District Engineer (PODCO-O 1987-SD)  
U.S. Army Corps of Engineers  
Building 230  
Ft. Shafter, Hawaii 96858

Dear Sir:

Corps of Engineers Permit Application  
Kalauao Stream and Adjacent Wetlands  
Aiea, Oahu

The proposed construction of a sedimentation/wildlife habitat pond adjacent to Pearl Harbor and the construction of a rock wall for erosion protection along the Kalauao Stream bank have been reviewed with the assistance of Pamela Bahnsen of the Environmental Center.

We understand that the Corps and the proposer of this project have been working closely together to rectify the problems generated by the unauthorized filling of a wetland adjacent to Pearl Harbor. However, the following issues do not seem to have been adequately addressed:

1. According to the map provided in the Public Notice (sheet 2 of 4), the proposed sedimentation pond will connect with the Kalauao Springs Stream, not the Kalauao Stream. It is our understanding that flows on Kalauao Stream are "flashy," and that the sediment load can be high. The former wetland area, with its thick vegetation, provided a trap for much of this sediment. The proposed new replacement sediment pond will not be connected to Kalauao Stream and, in fact, will be isolated from the Kalauao Stream by an extension of the existing rock wall between the former wetland area (now parking lot) and the Kalauao Stream. Since Kalauao Springs Stream flows are minor and carry little sedimentation, the rationale for placing the pond on Kalauao Springs Stream for sedimentation control seems questionable. Reconsideration of the design and location of the sediment trap/pond is necessary if excessive sediment runoff to Pearl Harbor is to be avoided.

District Engineer

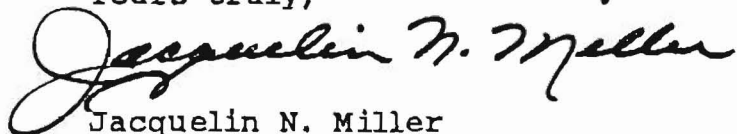
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2. Shoreline areas are noted for being likely sites for archaeological remains. We suggest that an archaeologist be present when ground clearing and excavation are undertaken.

We appreciate the opportunity to review this document and hope you will find our comments constructive.

Yours truly,



Jacquelin N. Miller  
Associate Coordinator

Stephen Lau  
cc: Pamela Bahnsen  
OEQC  
bcc: Clarence Tom  
Ed Murabayashi