



# University of Hawaii at Manoa

Environmental Center  
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Office of the Director

March 24, 1981

RP:0029

Colonel Alfred J. Thiede  
Corps of Engineers, Honolulu  
Department of the Army  
Building 230  
Fort Shafter, Hawaii 96858

Dear Colonel Thiede:

PODCO-O 1602-S  
Rancho Hydro, Low-Head High Volume Hydroelectric System  
Anahola, Kauai

The Environmental Center has reviewed the above permit application with the assistance of Jacquelin Miller and Alexis Cheong Linder.

We are primarily concerned with the diversion of waters during periods of low flow. During what seasons and over what period of time were stream flow parameters measured? If flow measurements were taken during periods of high flow volume and the amount of diversion based on these figures, it might represent an over estimation as to the amount of flow which could safely be diverted without drying up the stream entirely at the point of diversion.

Since Anahola Stream does contain endemic species which migrate to the ocean and return upstream during their life cycle, we believe it is extremely important that the stream have an adequate continuous flow. The applicant should be required to assure that this project will not divert significant amounts of water during periods of low flow volumes.

Yours truly,

Diane C. Drigot, Ph.D.  
Acting Director

LK

cc: Jacquelin Miller  
Alexis Cheong Linder