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Office of the Director

July 3, 1975

MEMORANDUM

TO: George Yuen, Director of Health
ATTN: Ralph Yukumoto, Chief
Pollution Technical Review Branch
FROM: Doak C. Cox, Director
RE: Review of proposed amendments to Chapter 38,
Sewage Treatment and Disposal Systems of the
State Public Health Regulations

The above cited proposed regulations have been reviewed by Reginald Young, Water Resources Research Center, and Doak Cox and Jacquelin Miller of the Environmental Center.

The proposed regulations will greatly strengthen the regulation of Sewage Treatment and Disposal Systems in the State of Hawaii. The inclusion of the registration and documentation required for approval of treatment works along with detailed operation, and maintenance requirements is to be commended.

A few points of concern as to adequacy or enforcement capabilities have been raised in our review. We would appreciate your consideration of these concerns.

Pg. 10, Sec. 3, F.

"For the purpose of this subsection, the term "owner" includes the fee simple owner and any lessee of the real property holding the same under a lease for a total term of five (5) years or more."

For purposes of enforcement, does the wording of the above paragraph require mutual cooperation, shared cost, etc. of the fee simple owner and lessee in so simple an action as rendering a manhole cover safe?

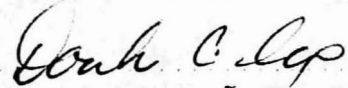
Pg. 25, Sec. 5, C, 5. Injection Wells.

We note in this section the provision for standby wells. Periodic redevelopment of the recharge capacity may be required for some injection wells. Some provision for this periodic redevelopment and maintenance should be included in the regulations.

Pg. 28, Sec. 6. Effluent requirements applicable to treatment works.

We support the comments submitted at the time of previous amendment to Chapter 38 in March 1973 by Dugan et al on effluent requirements. The suggested deletion of loading limitations can allow for excessive/detrimental impact of nutrients and degradable organics at high flows even though the concentration limitations are satisfied. We note further that the concentration limitations are not specifically tied to a weekly, daily, monthly or other basis leaving open to question the value of such standards and the practicality of applying or administering the standards. We hope, at a minimum, that the loading limitations added in 1973 will remain.

We appreciate the opportunity to review and comment on these proposed amendments to the sewage treatment and disposal system regulations.



Doak C. Cox

cc: J. Kumagai, DOH
R. Young, WRRRC