

APPENDIX J:
Memorandum:
Waimano Training
School & Hospital
Water Reservoir



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES
DIVISION OF PUBLIC WORKS

LETTER NO. D-1554.1

P. O. BOX 119, HONOLULU, HAWAII 96810

DEC 13 1991

MEMORANDUM

To: Ms. Valerie Ako, Chief
Dept. of Health, Admin. Services Office

FROM: Teuane Tominaga, State Public Works Engineer

SUBJECT: Waimano Training School & Hospital
Water Reservoir

In response to your November 6, 1991 request we have made an inspection of the 100,000 gallon and 600,000 gallon water reservoirs and have made the following assessment in regards to the existing conditions and the improvement recommendations required for these reservoirs:

1. Some areas around the metal fasteners and along the metal seams are rusting and corroding. The estimate is that approximately 15-20% repair work will be required for each water reservoir.
2. The interior and exterior paint conditions of both water reservoirs are fair and does warrant repainting with epoxy type paint particularly since repair work is recommended. Painting of both surfaces was performed in 1985.
3. A survey for lead, mercury, chromium and cadmium contents in the existing paint is recommended. If the survey shows that the existing paint contains these elements, extensive removal of the paint will be required particularly since the reservoir water is used for consumption.

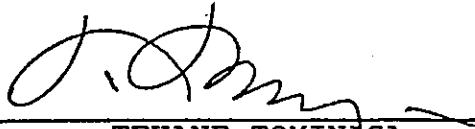
Based on our recommendations, the following cost estimates were developed:

Design	\$ 33,000
Construction	196,000
Contingency	10,000
Inspection	16,000
	<u>\$255,000</u>

Ms. Valerie Ako
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It should be noted that an escalation was considered in this cost estimate based on the construction occurring one year from today. An additional escalation will be required if implementation of this project occurs later.

Should your staff have any questions, please have them call Mike Shigetani at 586-0434.



TEUANE TOMINAGA

cc: DOH - Henry Yasuda
DAGS - Planning Br.