November 3, 1994

Dr. Bruce S. Anderson, Interim Director
Office of Environmental Quality Control
220 S. King Street, 4th Floor
Honolulu, Hawaii 96813

Dear Dr. Anderson:

Subject: Waianae Wastewater Treatment Plant Control
Building Awning
TMK 8-6-01:44, Waianae, Oahu, Hawaii

This letter is a Notice of Negative Declaration for the subject work pursuant to Chapter 343, HRS. The construction of the proposed awning will involve the use of City funds. This notice of determination was based on an environmental assessment prepared for the former Division of Wastewater Management and after consulting with other agencies and individuals. Four (4) copies of the Notice of Negative Declaration/Environmental Assessment are attached. The pertinent data for this notice are as follows:

1. Proposing Agency - Department of Wastewater Management, City and County of Honolulu.

2. Proposed Action - Construction will be contained within the WWTP area. Construction activities will be guided by existing laws and the contract documents, and enforced through field inspections. The Contractor will be required to comply with the provisions of Chapter 11-43, "Community Noise Control of Oahu", of the State Department of Health Administrative Rules. A Community Noise Permit shall be obtained by the Contractor from the Department of Health for activities which generate noise in excess of 55 dBA in residential neighborhoods. Construction equipment and on-site vehicles or devices requiring an exhaust of gas or air must have a muffler. The conditions of the permit must be complied with as specified in the regulations and the conditions attached to the permit. Construction activities which create "excessive noise" will not be allowed at the site before 7:00 A.M. and after 6:00 P.M. of the same day. Construction activities which emit noise in excess of 95 dBA, at or beyond the property line of construction will be restricted to the hours between 9:00 A.M. and 5:30 P.M. The Director of Health may specify conditions in the noise permit and may modify or social well-being of the public. The Contractor will also be required to observe all other Federal, State and City rules and regulations concerning noise, air and water pollution during the construction period.
The prevailing winds are expected to disperse emission concentrations; however, the Contractor will be responsible for the maintenance of all equipment to minimize emissions.

3. Determination - We have determined that the proposed work will not have a significant impact on the environment, and an Environmental Impact Statement will not be prepared. Other agencies and individuals were consulted.

4. Reasons Supporting Determination - Reasons and conclusion supporting the determination are based on the following criteria. The proposed work:
   - Will not involve commitment of significant natural or cultural resources.
   - Will not conflict with the State's environmental policies and goals expressed in Chapter 344 HRS.
   - Will not affect coastal viewplains.
   - Will not affect the economic or social welfare of the community. There is no conflict with existing Land Use, Development Plans, and Special Management Area requirements.
   - Will not affect any known archaeological, historical or cultural sites.
   - Will not degrade environmental quality.
   - Will not pose danger to any rare, threatened or endangered species of native flora or fauna, or its habitat.
   - Will not significantly affect environmentally sensitive areas such as a flood plain, tsunami zone, erosion-prone area, geological hazardous land, estuary, fresh water, or coastal water.

5. Contact Person - Guy Inouye
   Division of Engineering & Construction
   Department of Wastewater Management
   Honolulu Municipal Building, 14th Flr.
   Honolulu, Hawaii 96813
   Telephone No. 527-6904

Attachment (4 copies)

cc: Planning Department
FINAL
ENVIRONMENTAL ASSESSMENT
FOR
WAIANAE WASTEWATER TREATMENT PLANT
CONTROL BUILDING AWNING
WAIANAE WASTEWATER TREATMENT PLANT
WAIANAE, OAHU, HAWAII

TAX MAP KEYS: 8-6-01:44

This document was prepared pursuant to Chapter 343, H.R.S.

PROPOSING AGENCY: Department of Wastewater Management
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

RESPONSIBLE OFFICIAL: [Signature]
FELIX B. LINTIALE
Acting Director
11/10/94

Prepared for:
Division of Engineering & Construction
Department of Wastewater Management
City and County of Honolulu

Prepared by:
Okahara and Associates, Inc.
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I. NOTICE OF DETERMINATION: Negative Declaration

FOR: Waianae Wastewater Treatment Plant Control Building Awning

BY: Division of Engineering & Construction
    Department of Wastewater Management
    City and County of Honolulu

The proposed action will have no significant effect on the environment and therefore does not require the preparation of an Environmental Impact Statement. This Notice of Determination and Environmental Assessment is being filed as a Negative Declaration.
II. DESCRIPTION OF THE PROPOSED ACTION AND STATEMENT OF OBJECTIVES.

The proposed project consist of the construction of an awning to the existing control building at the Waianae Wastewater Treatment Plant (WWTP), as indicated in Figure 1 and Figure 2. The proposed project consists of the addition of a metal awning (approximately 12 feet by 33 feet in size) and support structure to cover the exterior stairwell of the WWTP control building (Figure 3). The awning facility and support structure will be boxed and plastered to match the existing building facade (Figures 4A thru 4E).

The objective of the proposed project is to provide improved weather protection for the WWTP control building exterior stairwell by the addition of a stairwell awning.

III. AGENCIES BEING CONSULTED IN THE ASSESSMENT PROCESS

The following agencies and organizations have been requested to review and comment on this draft environmental assessment.

A. STATE AGENCIES
- Department of Health
- Department of Land and Natural Resources
- Department of Business and Economic Development
- Office of Environmental Quality Control
B. CITY AND COUNTY OF HONOLULU

Board of Water Supply
Department of General Planning
Department of Land Utilization
Department of Parks and Recreation
Waianae Coast Neighborhood Board No.24

IV. DISCUSSION OF THE ASSESSMENT PROCESS

This environmental impact assessment is prepared in accordance with Section 11-200-9 of the Environmental Impact Statement Rules, Title 11, Chapter 200, Department of Health, State of Hawaii, pursuant to Chapter 343, Hawaii Revised Statutes (HRS). An assessment at the earliest practicable time is necessary in order to determine and evaluate any significant environmental impacts due to the proposed action. The potential impacts were identified and evaluated to determine the need for an environmental impact statement. Other agencies having jurisdiction or expertise were consulted during this assessment process.

V. DESCRIPTION OF THE AFFECTED ENVIRONMENT

A. PROJECT SITE

The proposed installation will be within the Waianae WWTP which is located across Farrington Highway from Lualualei Beach Park and at the base of a remnant
mountain ridge named Pu‘u Maili‘ili‘i (Figure 1). All of the plant acreage is useable and most of the unoccupied area is landscaped (grass and Kānani trees) to serve as a buffer zone around the plant periphery.

B. ADJACENT AREAS

The nearest urban area that could be affected by construction of the proposed project include: residential areas of Maili located along Pa‘akea Road approximately 2,000 feet southeast of the WWTP; and residential and commercial (retail) areas adjacent to the north of the WWTP fronting Mākilua Beach Park. Lualualei Beach Park, a heavily utilized public recreational area occupies the coastal lands across Farrington Highway from the WWTP (Figure 1). Since the proposed project involves construction of an awning over the existing control building stairwell, the project will not affect adjacent land utilization, other structures, or pedestrian or vehicular movements within the WWTP site.

C. CLIMATE

The Waianae district can generally be characterized as semi-arid. Mean annual rainfall along the coast averages 20 inches per year. Much of the annual rainfall can be accounted for by a few severe storms, such as the "Kona" storms that approach Oahu from the south and west, usually between the months of December
and March. Northeasterly trade winds prevail during most of the year.

Mean monthly temperatures vary seasonally from between 72 degree and 80 degree F along low-lying areas of the Waianae Coast.

D. DRAINAGE

On-site drainage is entirely by surface flows along constructed swales and the plant service roadway. Drainage is not considered a problem at the project site.

E. LAND USE

Although the Waianae WWTP site and most adjacent parcels to the north and south are zoned urban/residential, (Figures 5 & 6) the existing land uses include industrial (quarry) to the east, a public baseyard (county) to the south, and commercial (retail) activities to the north. Pu'u Maili'ili'i (elevation 723 feet) abuts the southeast corner of the Waianae WWTP sites and this Pu'u is included within the "Protected" subzone of the State Conservation District (Figure 6).

The entire Waianae WWTP lies within the Special Management Area (SMA) of the City and County of Honolulu. Hence the proposed project will require a
SMA (shoreline) permit. The SMA boundary is shown on Figure 7.

The Control Building Site for the proposed stairwell awning addition is not within the Coastal Flood Fringe Zone (Figure 2).

F. ARCHEOLOGICAL AND HISTORICAL SITES
The Waianae WWTP was initially graded during plant construction in 1968, and buffers areas were landscaped. No known archaeological or historic sites have been previously documented from the WWTP site. Since the proposed project involves only modification to an existing building, there will be no ground clearing or disturbance.

G. WILDLIFE
The predominant wildlife identified at the site (and surrounding suburban Waianae) include mongoose, Hawaiian rats, mice, brown rats, black rats, and occasional domestic cats and dogs. Birds identified included Barred Dove, Spotted Dove, Japanese White-Eye, Brazilian Cardinal, American Cardinal, Golden Plover, and Rice Bird.

The project site is a grassed area and is not considered conducive to native wildlife habitation.
H. FLORA

The wastewater treatment plant was completely landscaped during the site preparation phase of initial construction. Planted Kamani trees (Calophyllum) now occur around the plant periphery, and interior areas are grassed.

I. UTILITIES

Water, telecommunication and electric services are available at the plant site.

VI. GENERAL DESCRIPTION OF THE ACTION’S TECHNICAL, SOCIAL, ECONOMIC AND ENVIRONMENTAL CHARACTERISTICS

A. TECHNICAL CHARACTERISTICS

The proposed project consists of installation of a stairwell awning (cover area 12 by 33 ft.) at the WWTP control building (Figure 3 and 4A thru 4E). The awning and support structure will be boxed and plastered to match the existing building facade.

B. SOCIAL CHARACTERISTICS

Construction of this facility will not displace any families nor affect any business establishments. The picturesque Pu'u Mailli'ili'i (elevation 723 ft.) has been identified as a significant visual feature of the Waianae view shed (Section B-Pokai Bay) according to the Oahu Coastal View Study (Chu & Jones, C & C, DLU 1987). The proposed awning will not block or alter existing coastal or mauka viewplanes because the awning
will not project above the existing control building height profile (Figures 3 and 4A thru 4E). The proposed project is designed to improve the plant working environment with respect to personnel safety, welfare and morale.

C. ECONOMIC CHARACTERISTICS
The proposed project is estimated to cost $4,500 which will be funded entirely by the City and County of Honolulu. Implementation of this project will not increase sewer user charges nor require direct assessments to residents being serviced by the improvements.

D. ENVIRONMENTAL CHARACTERISTICS
The proposed project is ancillary to the WWTP and will not be a part of the processing plant treating domestic sewage. The location of the proposed action is within the WWTP area. The proposed project is not located within a wetland, and will not harm or disturb wildlife habitats because none are located within the project site.

VII. IDENTIFICATION AND SUMMARY OF MAJOR IMPACTS AND PROPOSED MITIGATION MEASURES
A. PRIMARY SHORT-TERM IMPACTS
Primary short-term impacts will result from construction activities. Use of the construction equipment will create noise, dust and exhaust
emissions. Construction activities will have minimal effect on the normal vehicular and pedestrian traffic. Other utilities such as water, gas, electric and telephone installations will not be affected by the construction activities.

B. PRIMARY LONG-TERM IMPACTS

The primary long-term impacts will be in the form of improved working environment (stairwell awning). This facility should not have any significant adverse environmental impact at the WWTP or adjacent areas.

C. MITIGATION MEASURES PROPOSED TO MINIMIZE IMPACTS

Construction will be contained within the WWTP area. Construction activities will be guided by existing laws and the contract documents, and enforced through field inspections. The Contractor will be required to comply with the provisions of Chapter 11-43, "Community Noise Control of Oahu", of the State Department of Health Administrative Rules. A Community Noise Permit shall be obtained by the Contractor from the Department of Health for activities which generate noise in excess of 55 dbA in residential neighborhoods. Construction equipment and on-site vehicles or devices requiring an exhaust of gas or air must have a muffler. The conditions of the permit must be complied with as specified in the regulations and the conditions attached to the permit. Construction activities which
create "excessive noise" will not be allowed at the site before 7:00 A.M. and after 6:00 P.M. of the same day. Construction activities which emit noise in excess of 95 dba, at or beyond the property line of construction will be restricted to the hours between 9:00 A.M. and 5:30 P.M. Activities which generate noise levels in excess of 95 dba shall be prohibited on Saturdays. Activities which generate noise in excess of the allowable noise levels are not allowed on Sundays and specific holidays listed in Title 11, Chapter 43, Section 6(e) (1) (A) (B) & (C). Traffic noise from heavy vehicles travelling to and from the project site in the residential area will also comply with the provisions of Title 11, Administration Rules Chapter 42, "Vehicle Noise Control for Oahu". The Director of Health may specify conditions in the noise permit and may modify or revoke a permit at any time in order to protect the physical, mental, or social well-being of the public. During construction operations, the Contractor will be required to comply with Paragraph 11-60-5, Fugitive Dust, Chapter 60, Air Pollution control, Title 11, Administrative Rules, State of Hawaii, pertaining to dust control. The Contractor will also be required to observe all other Federal, State and City rules and regulations concerning noise, air and water pollution during the
construction period.

The prevailing winds are expected to disperse emission concentrations; however, the Contractor will be responsible for the maintenance of all equipment to minimize emissions.

VIII. ALTERNATIVES CONSIDERED
The alternatives are "no action" and the proposed action.
A "no action" alternative will result in no adequate weather protection for the WWTP control building exterior access stairway.

IX. PRELIMINARY DETERMINATION
An evaluation of the above alternatives has resulted in the recommendation that the proposed action is the most desirable of the alternatives. Also, this draft assessment presently shows that the project will have no significant impacts on the environment and an Environmental Impact Statement is not required. Therefore, in accordance with the provisions of Chapter 343, Hawaii Revised Statutes, a Negative Declaration is determined to be in order. These recommendations are only preliminary and may be altered pending review and comments.
X. FINDINGS AND REASONS SUPPORTING THE DETERMINATION

The following findings and reasons support the preliminary determination that there will be no significant effect on the environment as a result of this project:

A. The proposed stairwell awning will be attached to an existing building and will be constructed within the WWTP area. For these reasons, the project:

1. Will not involve commitment of significant natural or cultural resources.

2. Will not conflict with the State's environmental policies and goals expressed in Chapter 344 HRS.

3. Will not affect coastal viewplanes.

4. Will not affect the economic or social welfare of the community. There is no conflict with existing Land Use, Development Plans, and Special Management Area requirements.

5. Will not affect any known archaeological, historical or cultural sites.

6. Will not degrade environmental quality.

7. Will not pose danger to any rare, threatened or endangered species of native flora or fauna, or its habitat.

8. Will not significantly affect environmentally sensitive areas such as a flood plain, tsunami zone, erosion-prone area, geological hazardous land, estuary, fresh water, or coastal waters.
B. Impacts associated with construction activities will be minimized in accordance with applicable rules and regulations of the City and County of Honolulu and the State of Hawaii.

C. The project will have the beneficial long-term impact of working conditions, safety, personnel welfare and morale.
APPENDIX I
FIGURE 3. CONTROL BUILDING AT WAIANAEE WTP WHERE PROPOSED AIRING WILL BE INSTALLED OVER THE EXTERIOR STAIRWELL.
NORTH ELEVATION

NEW AWNING FASCIA TO MATCH BLDG.

SCUPPER & DOWNSPOUT

6"* PIPE COLUMNS

12" SQ. REINF. CONC. COLUMNS W/FOOTING

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
DIVISION OF WASTEWATER MANAGEMENT
WAIANAE WWTP

PROPOSED AWNING
SCALE: 1/8" = 1'-0"

FIGURE 4C
EXIST. FASCIA TO BE REMOVED

BUILT-UP ROOFING TO MATCH BLDG.

NEW AWNING FASCIA TO MATCH BLDG.

3" WOOD DECKING ON 2X6 WOOD RAFTERS

18X31

WONDERBOARD ON FURRING CHANNELS

6" OD PIPE COLUMN

10" SQ. REINF CONC. COLUMN W/FOOTING

SECTION

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
DIVISION OF WASTEWATER MANAGEMENT
WAIANAE WWTP

PROPOSED AWNING
SCALE: 1/4"=1'-0"

FIGURE 4E
APPENDIX II
The Honorable Sam Callejo, Director and Chief Engineer  
Department of Public Works  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813  

Dear Mr. Callejo, 

SUBJECT: Environmental Assessment for Waianae Wastewater Treatment Plant Control Building Awning

Thank you for giving our Department the opportunity to comment on this matter. We have reviewed the materials you submitted and have the following comments.

The Historic Preservation Division comments that the proposed Control Building Awning for the Waianae Wastewater Treatment Plant should have "no effect" on any historically significant sites.

Thank you for your cooperation in this matter. Please feel free to call me or Roy Schaefer at our Office of Conservation and Environmental Affairs, at 548-7837, if you have questions.

Very truly yours,  

William W. Paty
MEMORANDUM

TO: SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

FROM: DONALD A. CLEGG, DIRECTOR

SUBJECT: ENVIRONMENTAL ASSESSMENT (EA) FOR WAIANAE WASTEWATER
TREATMENT PLANT CONTROL BUILDING AWNING, WAIANAE, OAHU
TAX MAP KEY: 8-6-1: 44

The Department of Land Utilization has reviewed the EA for the
above-referenced project and offers no objection at this time.
The EA demonstrates that the impacts generated by the project are
not significant enough to require an Environmental Impact
Statement. Based on the information in the EA, you may apply for
a minor Special Management Area Use Permit for the stairwell
awning.

Thank you for the opportunity to comment. If you have further
questions, please contact Dana Kohama of our staff at 523-4648.

[Signature]

DONALD A. CLEGG
Director of Land Utilization

DAC: lg
June 14, 1991

Mr. Sam Callejo
Director and Chief Engineer
Department of Public Works
City & County of Honolulu
650 South King Street
Honolulu, HI 96816

Dear Mr. Callejo:

SUBJECT: Environmental Assessment for Waianae Wastewater Treatment Plant Control Building Awning.

Thank you for allowing us to review and comment on the subject environmental assessment. We do not have any comments at this time.

Very truly yours,

BRUCE S. ANDERSON
Deputy Director for Environmental Health

BSA/KS/fo
June 19, 1991

Mr. Sam Callejo  
Director and Chief Engineer  
Department of Public Works  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

Dear Mr. Callejo:

SUBJECT: Draft Environmental Assessment for Waianae Wastewater Treatment Plant  
Control Building Awning, Waianae, Oahu, THK No.: 8-6-01:44

We have reviewed the Draft Environmental Assessment for the subject project and the Department of Business, Economic Development & Tourism (DBED) has no comments to offer at this time except to note that the subject parcel is designated within the State Land Use Urban District.

Thank you for the opportunity to comment.

Sincerely,

Murray E. Towill

MET: EU: gak
MEMORANDUM

TO: SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

FROM: BENJAMIN B. LEE, CHIEF PLANNING OFFICER
DEPARTMENT OF GENERAL PLANNING

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE CONSTRUCTION
OF A STAIRWELL AWNING AT THE WAIANAЕ WASTEWATER
TREATMENT PLANT, WAIANAЕ, OAHU

June 20, 1991

In response to your memo of June 4, 1991, we have reviewed the
Environmental Assessment (EA) for a new awning structure at the
Waianae Wastewater Treatment Plant. As this project involves
only minor improvements to an existing structure, we have no
objections to the proposed project nor to the suggested
negative declaration.

Thank you for the opportunity to review this EA. Should you
have any questions, please contact Bill Medeiros at 527-6089.

BENJAMIN B. LEE
Chief Planning Officer

BBL:ft
June 12, 1991

TO:
SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

FROM:
WALTER M. OZAWA, DIRECTOR

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR WAIANAE WASTEWATER TREATMENT PLANT CONTROL BUILDING AWNING
TAX MAP KEY 8-6-01: 44
PROJ. REP. NO. WEP 91-188

The proposed control building awning for the Wai'anae Wastewater Treatment Plant will not affect the nearby Ulehawa Beach Park across Farrington Highway.

The Department of Parks and Recreation has no objections to the project.

WALTER M. OZAWA, Director

WMO:ei
TO:          SAM CALLEJO, DIRECTOR AND CHIEF ENGINEER
            DEPARTMENT OF PUBLIC WORKS

FROM:        KAZU HAYASHIDA, MANAGER AND CHIEF ENGINEER
            BOARD OF WATER SUPPLY

SUBJECT:     ENVIRONMENTAL ASSESSMENT FOR THE WAIANAE WASTEWATER
            TREATMENT PLANT CONTROL BUILDING AWNING, TMK: 8-6-01: 44,
            PARRINGTON HIGHWAY

We have no objections to the proposed control building modifications. The proposed
project will not affect our water system facilities.

If you have any questions, please contact Bert Kuioka at 527-5235.