February 2, 1994

Mr. Brian J. J. Choy, Director
Office of Environmental Quality Control
State of Hawaii
220 South King Street, 4th Floor
Honolulu, Hawaii 96813

Dear Mr. Choy:

Subject: Negative Declaration Determination for the Proposed Expansion of the
Waianae Corporation Yard, TMK. 8-7-6: Por. 02, Waianae, Oahu

The Honolulu Board of Water Supply has reviewed the comments received during the
30-day public comment period which began on October 23, 1993. We have determined
that the environmental impacts in this project have been adequately addressed as
discussed in the Final Environmental Assessment (EA) and are issuing a negative
declaration. Please publish notice of this action in the next Office of Environmental
Quality Control (OEQC) Bulletin.

The completed OEQC Bulletin Publication Form and four copies of the Final EA are
enclosed.

If you have any questions, please contact Barry Usagawa at 527-5235.

Very truly yours,

KAZU HAYASHIDA
Manager and Chief Engineer

Enclosures
ENVIRONMENTAL ASSESSMENT
FOR THE EXPANSION OF
WAIANAE CORPORATION YARD

AT
LUALLUALEI, WAIANAE, OAHU
STATE OF HAWAII

PREPARED BY
BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HAWAII 96843

October 1993
CITY AND COUNTY OF HONOLULU
BOARD OF WATER SUPPLY

ENVIRONMENTAL ASSESSMENT
FOR THE EXPANSION OF
WAIANAE CORPORATION YARD

AT
LUALUALEI, WAIANAE, OAHU
STATE OF HAWAII

PREPARED BY
BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
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October 1993
EXPANSION OF WAIANAEE CORPORATION YARD

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EXPANSION OF WAIANAE CORPORATION YARD

I. GENERAL INFORMATION

A. Proposing Agency
   Board of Water Supply (BWS)
   City and County of Honolulu

B. Approving Agency
   Board of Water Supply (BWS)
   City and County of Honolulu

C. Project Location
   State of Hawaii Government Reserve near Maili Point
   Waianae District (Figures I and II)
   City and County of Honolulu, Oahu
   State of Hawaii

D. Tax Map Keys
   Zone 8, Section 7, Plat 06, Portion of Parcel 2

E. Required Requests and Permits
   Conservation District Use Permit - State of Hawaii, Department of Land and Natural Resources
   Zoning Waiver - City and County of Honolulu, Department of Land Utilization
   Special Management Area Permit - City and County of Honolulu, Department of Land Utilization
   Grading, Grubbing, Stockpiling Permits - City and County of Honolulu, Department of Public Works
II. DESCRIPTION OF THE PROPOSED PROJECT

A. Background - Existing Conditions

The Board of Water Supply operates the Waianae Corporation Yard to house vehicles, materials and equipment for servicing water pipelines and water supply facilities on the Leeward Coast. The land parcel occupied by the existing corporation yard was one of the lands acquired from the State of Hawaii by Land Patent Grant No. S-15,577 on August 27, 1976 in exchange for the Board of Water Supply's Kahala Heights Park site.

B. Proposed Facility

In order to expand service to the growing population of the Leeward Coast, the Board of Water Supply must increase the size of the Waianae Corporation Yard site by 20,000 square feet. The parcel of land to be used for this expansion is located on Tax Map Key (TMK) 8-7-06:portion 02 in Lualualei, Waianae, (Figures I and II). It is currently owned by the State of Hawaii and the Board of Water Supply will acquire the use of the land by Executive Order.

The site, adjacent to the existing Waianae Corporation Yard, borders Farrington Highway near Māili Point and Pūu O Hūlūkai. The site dimensions are 200 by 100 feet. The project area is located just makai of the Hawaii Civil Air Patrol Station.

The proposed project consists of clearing and grading the 20,000 square foot area and constructing a chain link fence along the perimeter of the expansion area. A hedge will be planted along the perimeter to provide visual screening. The additional area will be used for the stockpiling and storage of materials necessary for emergency and scheduled maintenance and repair projects.

C. Infrastructure Requirements

The proposed facility will not create demands on the existing infrastructure system because there will be no increase in personnel or vehicles assigned to the corporation yard.
D. Relationship to Existing Land Use Policies, Plans and Controls

State of Hawaii

The project site is within the Conservation District and, therefore, a Conservation District Use Permit is required from the Department of Land and Natural Resources. The area is designated as Zone D on the Flood Insurance Rate Map indicating an area of undetermined, but possible flood hazard. (Figure III)

City and County of Honolulu

The General Plan of the City and County of Honolulu indicates that the land parcel is designated Preservation/Conservation/Open Space. It is zoned P-1 by the Comprehensive Zoning Code and, as such, a public utility facility would be an acceptable conditional use of the parcel. The site lies within a Special Management Area designated by the Department of Land Utilization, (Figure IV). A Special Management Area Permit will be required.

E. Estimated Project Duration and Cost

Estimated project duration is four weeks. Estimated project cost is $12,000.
FIGURE III
FLOOD AND TSUNAMI ZONES
FIGURE IV
SPECIAL MANAGEMENT AREAS
III. ENVIRONMENTAL SETTING

A. Natural Environment

1. Topography

The Waianae District comprises the western coast of Oahu and consists of coastal plains and the Waianae Mountain Range. Urban and commercial development exists along the coastal plain. Agricultural areas are located inland in intruding valleys.

The project site borders Farrington Highway near Maili Point and is at an approximate elevation of 30 feet. Visual inspection of the site indicated a slight slope of approximately 5-7%. The land area mauka of the site becomes much more steeply sloped. The summit of Puu O Hulu Kai, located 1,500 feet from the site, is at an elevation of 850 feet.

2. Geology

The Waianae Mountain Range forms the western part of the island of Oahu. It is composed of three groups of lavas, first erupting during the Tertiary period. The oldest lava is nearly 2,000 feet thick and consists largely of thin-bedded pahoehoe. The middle basalt is also about 2,000 feet thick and resembles the lower one except it contains more aa. The upper lavas are about 2,300 feet thick and are mostly massive aa adesite flows. The present formations have been deeply weathered.

3. Climate

The Waianae District can be classified as semi-arid. The mean annual rainfall along the coast averages about 20 inches per year with some rainfall values as high as 80 to 100 inches per year at higher elevations in the Waianae Range. Average temperatures in the district range between 72 and 80°F.

Wind data applicable to the Waianae District is collected at the Barbers Point Naval Air Station, located approximately 8 miles southeast of the project site. Northeasterly tradewinds prevail, although the area topography may cause local variations. Generally, tradewind conditions on Oahu occur 50 and 90% of the time during the winter and summer, respectively.
FIGURE V WAIANAЕ CORPORATION YARD PLOT PLAN

PROPOSED PROJECT SITE
4. Hydrology

a. Surface Drainage

No perennial streams are located in the coastal plain area. While some streams, such as the Nanakuli and Lualualei, have small perennial flows at the higher elevations (greater than 600 feet mean sea level), streams in the lower area flow intermittently.

Rainfall at higher elevations does not result in large amounts of surface runoff because of low intensity.

b. Groundwater

The Waianae District does not have an abundant groundwater supply and is dependent on the resources of the Pearl Harbor region for a portion of its water. The low rainfall and low permeability of rock formations in the district are the chief factors contributing to small groundwater yields.

5. Flora and Fauna

A visual inspection of the site located the following plants:

<table>
<thead>
<tr>
<th>Common Name</th>
<th>Scientific Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Klawe</td>
<td>Prosopis pallida</td>
</tr>
<tr>
<td>2. Pili Grass</td>
<td>Heteropogon contortus</td>
</tr>
<tr>
<td>3. Yucca</td>
<td>Yucca gloriosa</td>
</tr>
<tr>
<td>4. Aloe</td>
<td>Aloe vera</td>
</tr>
<tr>
<td>5. Koa Haole</td>
<td>Leucaena glauca</td>
</tr>
<tr>
<td>6. Goldenrod</td>
<td>Solidago altissima</td>
</tr>
</tbody>
</table>

Table 1: Flora of the Site

Only one type of bird, a Barred dove, was actually seen at the site. Other birds typical to the area are the mockingbird, golden
plover, pueo, rice-bird, white-eye, barred dove, and cardinal. Common feral animals found in the non-urbanized areas of the district include the Polynesian rat, mongoose, dog, cat and pig. The proximity of the site to the highway may account for the lack of sightings of other types of animals. No rare or endangered species of flora or fauna are present at the site.

6. Soil

The soil type in the area is classified as "Lualualei extremely stony clay, with 3-35% slopes". There are many stones at the surface and cultivation is impractical unless the stones are removed.

7. Historic Sites

No historical, cultural, architectural or archaeological resources on the site are listed on the Hawaii or National Register of Historic Places.

B. Socio-Economic Setting

1. Population

Total population for the Waianae Coast neighborhood has increased from 31,487 in 1980 to 35,262 in 1988, a 12% increase. Population growth in the Waianae area has outpaced the Oahu total population increase of 10% during the same time period.

2. Surrounding Land Use

Undeveloped, conservation district land surrounds the proposed site. A Hawaii Civil Air Patrol Facility is located mauka of the site with an outside boundary approximately 130 feet from the edge of the site. Single-family housing predominates in the adjacent Mai'i area and the nearest homes are 1,100 feet from the site. Numerous beach parks are located across the highway and along the coast.
C. Public Facilities

1. Police and Fire Protection

The Waianae Police Station is located 3 miles from the project site near the intersection of Waianae Valley Road and Farrington Highway.

The Waianae Fire Station services the area from Nanakuli to Kaena Point and is located 3-1/2 miles from the site on Farrington Highway, across from the Waianae Regional Park.

2. Schools

The following is a list of schools located within 3 miles of the project site and their distances from the site:

<table>
<thead>
<tr>
<th>School</th>
<th>Distance (Miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maili Elementary School</td>
<td>1.2</td>
</tr>
<tr>
<td>Nanaikapono Elementary School</td>
<td>2.3</td>
</tr>
<tr>
<td>Nanakuli High School</td>
<td>2.6</td>
</tr>
<tr>
<td>Waianae Elementary School</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Table 2: Schools

3. Recreation

The following beach parks are found near the site:

<table>
<thead>
<tr>
<th>Beach Park</th>
<th>Distance (Miles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Puuohulu</td>
<td>0.06</td>
</tr>
<tr>
<td>Naipalaoa</td>
<td>0.45</td>
</tr>
<tr>
<td>Ulehawa</td>
<td>0.83</td>
</tr>
<tr>
<td>Maili</td>
<td>1.65</td>
</tr>
</tbody>
</table>

Table 3: Beach Parks
4. Transportation

The City and County of Honolulu provides bus service to the Waianae area via the Mekaha bus route.

D. Public Utilities

1. Water System

Water for the Waianae Corporation Yard is supplied by a 12-inch water line which runs along Farrington Highway. The line is fed by the Lualualei 242 Reservoir which has a capacity of 1.5 million gallons.

2. Sewage Treatment

The corporation yard is serviced by a 30-inch interceptor sewer line which connects to a 36-inch line leading to the Waianae Sewage Treatment Plant.

3. Drainage

A two to three foot wide concrete drainage ditch borders the highway and extends the entire length of the site. Two 36-inch reinforced concrete pipe culverts run beneath the highway and transport drainage runoff from the ditch to headwalls located approximately 10 feet from the highway. From this point, the runoff flows overland approximately 50 feet until it reaches the ocean.

4. Electrical

The corporation yard is serviced by a Hawaiian Electric Company 12 kilovolt line which is located overhead on power poles in front of the parcel on the mauka side of Farrington Highway.

5. Telephone

Telephone service is provided by Hawaiian Telephone Company. Connection to the system is via overhead lines on the adjacent power poles.
IV. PROBABLE IMPACTS OF THE PROPOSED ACTION ON THE ENVIRONMENT

A. Operational Efficiency

The proposed expansion of Waianae Corporation Yard will greatly increase the efficiency of the Field Operations Division of the Board of Water Supply. The additional area will be used as a stockpile area as well as storage area for materials. Available materials will greatly improve response times and reduce travel times, assuring timely dispatch of emergency service when needed.

B. Short-Term Impacts

1. Land Transformation and Construction

As the site is presently undeveloped, clearing and grading will be required. The impacts of noise and dust on nearby residences will not be great because of the significant distance to these homes. Noise generation by construction machinery will be monitored and kept in conformance with state and county regulations. Dust will be controlled through standard construction techniques.

2. Erosion Hazard

The potential for erosion hazard at the project site has been determined to be low based on factors such as low expected rainfall, limited site size and scope of work, relatively shallow land slope and short construction duration.

The stormwater runoff that may be associated with construction activity will be retained on the project site through structural measures such as berms and swales. Stormwater runoff will not impact receiving waters in the project vicinity.

3. Archaeological and Historic Sites

No historical, cultural, architectural or archaeological resources on the site are listed on the Hawaii or National Register of Historic Places.

If any historical sites or artifacts are discovered during construction, all work will be stopped immediately, the State Historic Preservation Office will be notified and appropriate
mitigative measures will be taken.

4. Flora and Fauna

Although the project site is located on undeveloped land, its relatively small size in comparison to the surrounding conservation area should reduce impacts to flora and fauna. The proximity of the site to the highway eliminates the need for extensive access roadway construction.

C. Long-Term Impacts

1. Aesthetic

The facility layout and landscaping will be designed and arranged to complement the rural location of the site.

2. Surface Drainage

As per City and County criteria for handling drainage discharge, the storm drains will collect rainwater alone.

3. Traffic Generation and Air Quality

The expansion of the corporation yard will not cause significant changes in the volume of traffic or the air quality of Malli and adjacent areas because of the low volume of vehicles utilized.

4. Audio

No significant noise impact is expected.

D. Mitigative Measures

Impacts associated with construction activities will be mitigated through standard construction practices. No long-term impacts are anticipated.
V. ALTERNATIVES

No Action Alternative - If this alternative were selected, there would be no impact on the environment. This alternative was rejected as the population of the Waianae Coast would be deprived of any benefit from the efficiency gains expected with the proposed expansion.

Reduced Scale Alternative - If this alternative were selected, impacts on the environment would be essentially the same as the impacts associated with the proposed expansion. The benefits to be gained from the expansion would be reduced as the size of the expansion is reduced. Benefit from the expansion would not be optimized with only a limited availability of materials and storage area.

Alternative Locations - Locations that were not adjacent to the existing corporation yard were investigated but judged infeasible as any efficiency gains to be realized would be offset by increased travel times and resource expenditures.

The proposed expansion is favored over other alternatives because the proposed expansion of the corporation yard would enhance the efficiency of the current BWS operations and no significant detrimental impacts would result.
VI. ASSESSMENT PROCESS

This environmental assessment is required to meet the requirements of Chapter 343 of the Hawaii Revised Statutes.

This assessment was also deemed necessary to fulfill the secondary (permit) requirement of the project because it is located in a Conservation District as designated by the State Land Use Commission and a Special Management Area as defined in Section 205-31 of the Hawaii Revised Statutes. The purpose of the assessment is to determine the significant impacts of the proposed expansion.
VII. DETERMINATION

A. Supporting Reasons and Findings

The small size of the project contributes to minimizing potential impact on the surrounding community and the quality of the environment. The short-term impacts during the construction phase will be minimized with standard construction practices. No rare or endangered species of flora and fauna are known to inhabit the project site.

B. Determination

In accordance with the provisions of Chapter 343, Hawaii Revised Statutes, and the significance criteria set forth in Section 11-200-12 of Title 11 Chapter 200, Administrative Rules of the Department of Health, this assessment has determined that the project will have no significant impact on the environment and that an Environmental Impact Statement is not required.

The Negative Declaration is deemed appropriate for the transfer of land, subsequent construction and facility operation.
VIII. REFERENCES


7. Rathburn, L.G., Assistant Water Works Manager, in correspondence, City and County of Honolulu, Board of Water Supply, August 1980.


IX. AGENCIES, ORGANIZATIONS AND INDIVIDUALS TO BE CONSULTED

FEDERAL AGENCIES

1. Mr. William Meyer
   District Chief
   Water Resources Division
   U. S. Geological Survey
   Department of the Interior
   677 Ala Moana Blvd., Suite 415
   Honolulu, Hawaii 96813

2. Mr. Nathaniel R. Conner
   State Conservationist
   U. S. Department of Agriculture
   P.O. Box 50004
   Honolulu, Hawaii 96850

3. Mr. Daniel W. McGovern
   Regional Administrator
   U. S. Environmental Protection Agency Region IX
   75 Hawthorne Street
   San Francisco, CA 94105

STATE AGENCIES

4. Mr. Gordon Matsuoka
   State Public Works Engineer
   Department of Accounting and General Services
   State of Hawaii
   P.O. Box 119
   Honolulu, Hawaii 96810

5. Mr. Charles Toguchi, Superintendent
   Department of Education
   State of Hawaii
   P.O. Box 2360
   Honolulu, Hawaii 96804

6. Dr. John C. Lewin, Director
   Department of Health
   State of Hawaii
   P. O. Box 3378
   Honolulu, Hawaii 96801
7. Mr. Keith Ahue, Chairperson  
    Department of Land and Natural Resources  
    State of Hawaii  
    P. O. Box 621  
    Honolulu, Hawaii 96809

8. Mr. Don Hibbard, Administrator  
    State Historic Preservation Division  
    Department of Land and Natural Resources  
    State of Hawaii  
    33 South King Street, Sixth Floor  
    Honolulu, Hawaii 96813

9. Mr. Rex Johnson, Director  
    Department of Transportation  
    State of Hawaii  
    869 Punchbowl Street  
    Honolulu, Hawaii 96813-5097

CITY AND COUNTY AGENCIES

10. Herbert K. Muraoka  
    Director and Building Superintendent  
    Building Department

11. Donald S.M. Chang, Chief  
    Honolulu Fire Department

12. Donald A. Clegg, Director  
    Department of Land Utilization

13. Robin Foster  
    Chief Planning Officer  
    Planning Department

14. Michael S. Nakamura, Chief  
    Honolulu Police Department

15. C. Michael Street  
    Director and Chief Engineer  
    Department of Public Works

16. Joseph M. Magaldi, Director  
    Department of Transportation Services
OTHER INTERESTED GROUPS AND INDIVIDUALS

17. The Honorable John DeSoto
   City Councilmember
   Honolulu City Council

18. The Honorable James Aki
    Senator, Twenty-first Senatorial District
    State of Hawaii
    State Capitol
    Honolulu, Hawaii 96813

19. The Honorable Henry Haalilo Peters
    Representative, Forty-third Representative District
    State of Hawaii
    State Capitol
    Honolulu, Hawaii 96813

20. Waianae Coast Neighborhood Board No. 24
    P.O. Box 869
    Waianae, Hawaii 96792
COMMENTS AND RESPONSES TO THE ENVIRONMENTAL ASSESSMENT
MEMORANDUM

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

FROM: C. MICHAEL STREET, DIRECTOR AND CHIEF ENGINEER

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA) EXPANSION OF WALEAEE CORPORATION YARD
THEK. 8-7-61 POR. 3

October 15, 1993

We have reviewed the subject DEA and have no comments to offer at this time.

Very truly yours,

C. MICHAEL STREET
Director and Chief Engineer

October 29, 1993

TO: C. MICHAEL STREET, DIRECTOR AND CHIEF ENGINEER
FROM: KAZU HAYASHIDA, MANAGER AND CHIEF ENGINEER
BOARD OF WATER SUPPLY

SUBJECT: YOUR MEMORANDUM OF OCTOBER 15, 1993 REGARDING THE DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED EXPANSION OF THE WALAEAE CORPORATION YARD, THEK. 8-7-61 POR. 3

Thank you for reviewing the DEA for our proposed expansion of the Waleaee Corporation Yard.

We acknowledge that you have no comments at this time.

If you have any questions, please contact Barry Ushigawa at 527-5235.

Shiko

cc: K. Hayashida
B. Ushigawa

93-3046
TO:   HERBERT K. MURAOA, DIRECTOR AND BUILDING SUPERINTENDENT   
      BUILDING DEPARTMENT
FROM:   HERBERT K. MURAOA   
      DIRECTOR AND BUILDING SUPERINTENDENT
SUBJECT: YOUR MEMORANDUM OF OCTOBER 18, 1993 REGARDING THE DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED EXPANSION OF THE WAIANAEI CORPORATION YARD, TMK: 8-7-606, A. WAIANAE, OAHU

Thank you for reviewing the DEA for our proposed expansion of the Waianaei Corporation Yard.

We acknowledge that you have no comments at this time.

If you have any questions, please contact Barry Usagawa at 527-5235.

Sldo
cc:   K. Hayashida
      B. Usagawa

93-3068
TO: MR. KAZU HAYASHIDA, MANAGER AND CHIEF ENGINEER  
BOARD OF WATER SUPPLY  

FROM: DONALD S. M. CHANG, FIRE CHIEF  

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED EXPANSION OF WAIANAE CORPORATION YARD  
TMN: B-7-8: P01. 2, WAIANAE, OAHU  

We have reviewed the subject material provided and foresee no adverse impact to Fire Department facilities or services. Fire protection services provided from Wai'anae and Nanakuli engine companies with ladder service from Wai'anae are adequate.

Access for fire apparatus, water supply and building construction shall be in conformance to existing codes and standards.

Should you have any questions, please call Assistant Chief Attilio Leonardi of our Administrative Services Bureau at 931-7775.

DONALD S. M. CHANG  
Fire Chief  

October 20, 1993  

TO: DONALD S. M. CHANG, FIRE CHIEF  

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

SUBJECT: YOUR MEMORANDUM OF OCTOBER 20, 1993 REGARDING THE DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED EXPANSION OF THE WAIANAE CORPORATION YARD, TMN: B-7-8: P01. 2, WAIANAE, OAHU  

Thank you for reviewing the DEA for our proposed expansion of the Wai'anae Corporation Yard.

We understand that fire protection services provided from Wai'anae and Nanakuli engine companies with ladder service from Wai'anae are adequate.

We will conform with existing codes and standards regarding access for fire apparatus, water supply, and building construction.

If you have any questions, please contact Barry Ueagawa at 937-5235.

cc: R. Hayashida  
Field Operations  
B. Ueagawa  

93-3063  

Attachment: Environmental Assessment Report
October 26, 1993

Kazu Hayashida
Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
630 South Beretania Street
Honolulu, Hawai'i 96813

Dear Mr. Hayashida:

SUBJECT: Draft Environmental Assessment for the Proposed Expansion of Walerene Corporation Yard
Walerene, Walerene, O'ahu
THMP: B-7-60

A review of our records shows that an archaeological survey of the original Walerene Corporation Yard in 1983 found no sites. Due to a paucity of soil, the archaeologist thought that it was unlikely that historic sites would be found in this area. The archaeological survey extended beyond the boundaries of the yard into the area of the proposed expansion. Although the entire area of the proposed expansion was not surveyed at the time, the lack of sites on a portion of the parcel, and the existing conditions, in which historic sites are unlikely to be found, lead us to the conclusion that this project will have "no effect" on historic sites.

If you have any questions please call Tom Dye at 587-0014.

Sincerely,

[Signature]

DON HIBBARD, Administrator
State Historic Preservation Division

Mr. Don Hibbard, Administrator
State Historic Preservation Division
Department of Land and Natural Resources
State of Hawai'i
33 South King Street, 6th Floor
Honolulu, Hawai'i 96813

Dear Mr. Hibbard:

Subject: Your Letter of October 26, 1993 on the Draft Environmental Assessment (DEA) for the Proposed Expansion of Walerene Corporation Yard, Walerene, O'ahu

THMP: B-7-60

Thank you for reviewing the DEA for our proposed project.

We note that our proposed project will have no effect on any historic sites in this area.

If you have any questions, please contact Barry Usagawa at 537-5325.

Very truly yours,

[Signature]

KAZU HAYASHIDA
Manager and Chief Engineer

Ms/Do
cc: K. Hayashida
    B. Usagawa

93-3172
November 3, 1993

MEMORANDUM

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

FROM: DONALD A. CLEGG, DIRECTOR
   DEPARTMENT OF LAND UTILIZATION

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED
         EXPANSION OF THE WAIANAE CORPORATION YARD
         TAX MAP EXC. 4-7-51 FDB. 2

TO: DONALD A. CLEGG, DIRECTOR
   DEPARTMENT OF LAND UTILIZATION

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

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED
         EXPANSION OF THE WAIANAE CORPORATION YARD, TAX. 4-7-51.
         FDB. 2, FARRINGTON HIGHWAY

November 3, 1993

TO: DONALD A. CLEGG, DIRECTOR
   DEPARTMENT OF LAND UTILIZATION

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

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED
         EXPANSION OF THE WAIANAE CORPORATION YARD, TAX. 4-7-51.
         FDB. 2, FARRINGTON HIGHWAY

Thank you for reviewing the DEA for the proposed expansion project.

As stated in the DEA, we will apply for a Conservation District Use Permit for the
Department of Land and Natural Resources and a Special Management Area Permit
from the Department of Land Utilization.

If you have any questions, please contact Barry Usagwe at 537-5355.

Steve

cc: K. Hayashida
    R. Usagwe

93-3233
November 3, 1993

MEMORANDUM

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

FROM: ROBIN FOSTER, CHIEF PLANNING OFFICER
   PLANNING DEPARTMENT

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE WAIANAEE CORPORATION YARD, TAX MAP REVS. 2-7-61 PORTION OF 2, WAIANAEE, OAHU

In response to your agency’s request of October 8, 1993, we have reviewed the subject DEA and have the following comments to offer:

1. The proposed project site is designated for Preservation use on the Waianaee Development Plan Land Use Map.

2. The Development Plan Public Facilities Map shows publicly funded improvements to Farrington Highway, which is adjacent to the proposed project site.

3. We have no objections to the minor improvements ($12,000.00) for clearing, grading and fencing for the Waianaee Corporation Yard.

Thank you for the opportunity to comment. Should you have any questions, please contact Matthew Miyashita of our staff at 327-6026.

ROBIN FOSTER
Chief Planning Officer

November 23, 1993

TO: ROBIN FOSTER, CHIEF PLANNING OFFICER
   PLANNING DEPARTMENT

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

SUBJECT: YOUR MEMORANDUM OF NOVEMBER 3, 1993 REGARDING THE DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED EXPANSION OF WAIANAEE CORPORATION YARD, TAX MAP REVS. 2-7-61 PORTION OF 2, WAIANAEE, OAHU.

Thank you for reviewing the DEA for our proposed expansion of the Waianaee Corporation Yard.

We note that the site is designated for Preservation use on the Waianaee Development Plan Land Use Map. We will be applying for a Conservation District Use Permit from the State of Hawaii and a Special Management Area Permit from the City and County of Honolulu.

We acknowledge that you have no objections to the minor improvements for clearing, grading, and fencing for the Waianaee Corporation Yard.

If you have any questions, please contact Barry Ueagwa at 327-6235.

SM/BH/de
cc: K. Hayashida
    B. Ueagwa

93-3259
Mr. Kato Hayashi, Manager
BOARD OF WATER SUPPLY
City and County of Honolulu
830 South Beretania
Honolulu, Hawaii 96850

Dear Mr. Hayashi:

Subject: Draft Environmental Assessment for the Proposed Expansion of Wai'anae Corporation Yard, TMU 8-7-06, Wai'anae, Oahu

We have reviewed the Draft Environmental Assessment for the proposed expansion of the corporation yard at Wai'anae. We have no major resource concerns about this project. We recommend that appropriate erosion control measures be installed and maintained during the construction. It is also important that these measures be maintained throughout operations by the contractor and monitored by the Board of Water Supply.

Thank you for the opportunity to provide comment on this proposal. Should you have any questions, please contact Mr. Michael C. Toleng at (808) 641-3308 or Mr. Michael Bajrington at (808) 641-3365.

Sincerely,

[Signature]

Michael C. Toleng
State Conservationist

cc: Michael Bajrington, Dist. Corp., Honolulu Field Office.

December 10, 1993

Mr. Nathaniel R. Conner
State Conservationist
State Conservation Service
United States Department of Agriculture
P. O. Box 50004
Honolulu, Hawaii 96850-0001

Dear Mr. Conner:

Subject: Your Letter of November 5, 1993 Regarding the Draft Environmental Assessment (DEA) for the Proposed Expansion of the Wai'anae Corporation Yard (TMU: 8-7-06; Par. 2), Wai'anae, Oahu

Thank you for reviewing the DEA for our proposed expansion of the Wai'anae Corporation Yard.

We note you have no major resource concerns regarding this project.

The potential for erosion hazard at the project site has been determined to be low based on factors such as low expected rainfall, limited site size and scope of work, relatively shallow land slopes, and short construction duration.

However, appropriate measures, such as berms and siltfences, will be taken to retain stormwater runoff associated with the construction activity on the project site.

If you have any questions, please contact Barry Usagawa at 537-5335.

Very truly yours,

[Signature]

[Name]
Manager and Chief Engineer

cc: K. Hayashi, B. Usagawa

93-3363

(12/11)
TO:  KAZU HAYASHIDA, MANAGER AND CHIEF ENGINEER
      BOARD OF WATER SUPPLY

FROM:  MICHAEL S. HAMAMURA, CHIEF OF POLICE
        HONOLULU POLICE DEPARTMENT

SUBJECT: DRAFT ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED
         EXPANSION OF WAIANAE CORPORATION YARD,
         P.O. BOX 27-261, P.O. BOX 27-261, WAIANAE, OAHU

This is in response to your request for comments on a draft
environmental assessment for the Wai'anae Corporation Yard.

The project will have no significant impact on the operations of
the Honolulu Police Department and we have no comments to make at
this time.

Thank you for the opportunity to review this document.

MICHAEL S. HAMAMURA
Chief of Police

BY  OCHEE UDRIA
Assistant Chief of Police
Administrative Bureau

TO:  MICHAEL S. HAMAMURA, CHIEF
      POLICE DEPARTMENT

FROM:  MICHAEL S. HAMAMURA, MANAGER AND CHIEF ENGINEER
        BOARD OF WATER SUPPLY

SUBJECT: YOUR MEMORANDUM OF NOVEMBER 15, 1993 REGARDING THE
         DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED
         EXPANSION OF THE WAIANAE CORPORATION YARD (TIME: 8-7-96,
         BOX 27-61, WAIANAE, OAHU)

Thank you for reviewing the DEA for our proposed expansion of the Wai'anae
Corporation Yard.

We note you have no comments at this time.

If you have any questions, please contact Barry Ugasva at 527-5235.

SM/so
cc:  R. Hayashida
     B. Ugasva
     (4/6)
93-3367
TO:  KAZU HAYASHIDA, MANAGER AND CHIEF ENGINEER  
    BOARD OF WATER SUPPLY  
FROM:  JOSEPH N. MAGALDI, JR., DIRECTOR  
    BOARD OF WATER SUPPLY  
SUBJECT:  FARRINGTON HIGHWAY-WAINANAE  
    BOARD OF WATER SUPPLY CORPORATION YARD-DRAFT ENVIRONMENTAL ASSESSMENT  
    TKX:  8-7-61, OBS. 2  

This is in response to your memorandum dated October 8, 1993  
requesting our comments on the subject project.  

The access to the corporation yard appears to be from Farrington  
Highway which is a State Department of Transportation facility.  
We, therefore, have no objections or comments to offer at this  
time.  

Should you have any questions, please contact Wayne Nakamoto of  
my staff at Local 4290.  

JOSEPH N. MAGALDI, JR.
December 10, 1993

Mr. Gordon Matsumura  
Department of Accounting and  
General Services  
State of Hawaii  
P. O. Box 119  
Honolulu, Hawaii 96810  

Dear Mr. Matsumura:

Subject: Your Letter of November 25, 1993 Regarding the Draft Environmental Assessment (DEA) for the Proposed Expansion of the Walane Corporation Yard (TMDP: 8-7-50; Par. 31, Walane Oahu)

Thank you for reviewing the DEA for our proposed expansion of the Walane Corporation Yard.

We acknowledge that you have no comments at this time.

If you have any questions, please contact Barry Uchiwara at 537-5325.

Very truly yours,

RakU HAYASHIDA  
Manager and Chief Engineer

cc: R. Hayashida  
B. Uchiwara

93-3494
The Honorable Fumio Hayashida
Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
830 South Beretania Street
Honolulu, Hawai'i 96813

Dear Mr. Hayashida:

SUBJECT: Draft Environmental Assessment (DEA): Expansion of Waimanalo Corporation Yard, Waimanalo, Oahu, DEP No. 8-7-064 por. 2

We have reviewed the DEA information for the proposed project transmitted by your letter dated October 8, 1993, and have the following comments:

Historic Preservation Division

The Historic Preservation Division (HPD) comments that a review of their records shows that an archaeological survey of the original Waimanalo Corporation Yard in 1980 found no historic sites. Due to a paucity of soil, the archaeologist thought that it was unlikely that historic sites would be found in this area.

The archaeological survey extended beyond the boundaries of the existing yard, into the area of the proposed expansion. Although the entire area of the proposed expansion was not surveyed at the time, the lack of sites on the surveyed portion of the parcel, and the existing conditions which make the presence of historic sites unlikely, leads HPD to the conclusion that this project will have "no effect" on historic sites.

Office of Conservation and Environmental Affairs

The Office of Conservation and Environmental Affairs (OCEA) comments that the proposed expansion area is located within the Waimanalo "D" area of the Conservation District. The existing corporation yard, also within the Conservation District, was established via Conservation District Use Permit (CDUP) No. 1284. This CDUP was approved by the Board of Land and Natural Resources (BLNR) on June 9, 1963, subject to ten (10) conditions (enclosed). The proposed expansion project can be processed as an amendment to this CDUP pursuant to Title 13, Chapter 2, Hawai'i Administrative Rules.

Keith W. Abe, Chairperson
State of Hawai'i Department of Land and Natural Resources

File No. 94-270
Doc. No. 3775

JUL 24 1993

We have no other comments to offer at this time. Thank you for the opportunity to comment on this matter.

Please feel free to call Steve Teppe at the Office of Conservation and Environmental Affairs, at 367-0377, should you have any questions.

Very truly yours,

Keith W. Abe

Enclosure

cc: HPD
January 10, 1994

Mr. Keith W. Aune, Chairman
Department of Land and Natural Resources
State of Hawaii
P.O. Box 621
Honolulu, Hawaii 96809

Dear Mr. Aune:

Subject: Year Letter of December 20, 1993 on the Draft Environmental Assessment (EA): Expansion of the Walanae Corporation Yard, TMK: 8-7-06; P.O. 01, Wainanae, Oahu

Thank you for your comments regarding the proposed expansion of the Walanae Corporation Yard. We have the following comments regarding your department’s concerns:

Historic Preservation Division

If any historic sites are discovered during grading work, the work will be halted and the Historic Preservation Division will be contacted.

Office of Conservation and Environmental Affairs

We will process the proposed expansion project as an amendment to Conservation District Use Permit (CDUP) OA-1534 pursuant to Title 13, Chapter 2, Hawaii Administrative Rules.

Division of Aquatic Resources

The potential for erosion based at the project site has been determined to be low based on factors such as low expected rainfall, limited site size and scope of work, relatively shallow land slopes and short construction duration.

Precautionary measures including the construction of berms and swales will be taken to prevent runoff associated with construction activity from impacting nearby coastal areas.

If you have any questions, please contact Barry Utagawa at 527-5235.

Very truly yours,

KAZU HAYASHI
Manager and Chief Engineer

Kauai Group, Inc.
SM/BUA

cc: E. Hayashida, Field Operations, B. Utagawa
527-5253-1513