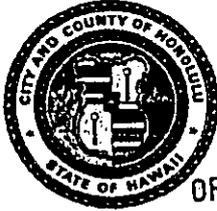


BUILDING DEPARTMENT  
**CITY AND COUNTY OF HONOLULU**

HONOLULU MUNICIPAL BUILDING  
650 SOUTH KING STREET  
HONOLULU, HAWAII 96813

FRANK F. FASI  
MAYOR



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HERBERT K. MURAOKA  
DIRECTOR AND BUILDING SUPERINTENDENT

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OFF. OF ENVIRONMENTAL  
QUALITY CONTROL

March 8, 1990

Dr. Marvin T. Miura, Director  
Office of Environmental Quality Control  
State of Hawaii  
465 South King Street, Room 104  
Honolulu, Hawaii 96813

Dear Dr. Miura:

Subject: Negative Declaration for the Proposed  
Wahiawa Corporation Yard Improvements, Wahiawa, Oahu, Hawaii  
(Tax Map Key: 7-3-07: 02)

This letter constitutes a notice of determination by this department after The potential impact of the proposed project has been assessed according to Title II, Chapter 200, Environmental Impact Statement Rules, and Chapter 343 of the Hawaii Revised Statutes relating to the environmental impact statements. The determination has been made that an environmental statement is not required based on the environmental assessment (EA) that was prepared by the Department of Public Works.

The pertinent information for the notice of determination is summarized as follows:

1. Proposed Agency: Building Department  
City and County of Honolulu
2. Land Owner: City and County of Honolulu
3. Tax Map Key: 7-3-07: 02
4. Description of the Proposed Action: The proposed action planned for the Wahiawa Corporation Yard consists of the construction of a new auto repair shop, equipment and vehicle covered parking sheds, installation of a new waste oil storage tank, security lighting and fencing around the baseyard perimeter, employee parkings, and asphalt concrete pavings.

64

The existing baseyard was initially constructed in the 1940's. Over the years, because of wear and tear, the existing facilities have been significantly deteriorated. To run an effective and efficient operation, repair and upgrade of the existing facilities became necessary. Furthermore, moderate expansion of the existing baseyard is needed to accommodate future population growth.

5. Consultation: Fifteen (15) Federal, State and City agencies, one (1) councilmember, one (1) neighborhood board, and two (2) utility companies were requested to review and comment on the EA. The letters of comments and responses prepared by the City are appended in the Appendix.
6. Determination: After completing an environmental assessment and consulting with other agencies and companies, we have determined that the proposed action will not have a significant impact on the environment, and an environmental impact statement is, therefore, not required.
7. Reason Supporting the Determination: The potential impact of the proposed project will not affect or involve significant impacts on the following criteria:
  - a. The loss or destruction of any natural or cultural resources (the proposed work is at an existing baseyard);
  - b. the curtailment of the range of beneficial uses of the environment;
  - c. affect a rare, threatened or endangered species, or its habitat;
  - d. substantially affect the economic or social welfare of the community or State (the baseyard provides essential public services to the community, thereby has a beneficial impact on social welfare;
  - e. involve a substantial degradation of environmental quality;
  - f. substantially affect public health;
  - g. substantially involve secondary impacts; such as, pollution changes or effects on public facilities;
  - h. detrimentally affect an environmentally sensitive area; such as, a flood plain, marsh, estuary, fresh water, or coastal water;
  - i. detrimentally affect air, or water quality, or ambient noise levels; and
  - j. affect natural or state historic sites.

Dr. Marvin T. Miura

-3-

March 6, 1990

In addition, none of the agencies who provided comments requested that an environmental impact statement be prepared.

Very truly yours,

  
HERBERT MURAOKA  
Director and Building Superintendent

Attach.

cc: DPW (Alex Ho)

1990-03-23-0A-FEA

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BUILDING DEPARTMENT  
DEPARTMENT OF PUBLIC WORKS  
CITY AND COUNTY OF HONOLULU

ENVIRONMENTAL ASSESSMENT  
FOR  
THE PROPOSED WAHIWA CORPORATION YARD IMPROVEMENTS\*  
WAHIWA, OAHU, HAWAII  
TAX MAP KEY: 7-3-07: 02

This environmental document was prepared  
pursuant to Chapter 343, HRS.

Proposing Agency: BUILDING DEPARTMENT  
Operating Agency: DEPARTMENT OF PUBLIC WORKS  
CITY AND COUNTY OF HONOLULU  
650 South King Street  
Honolulu, Hawaii 96813

Responsible Officials: *Herbert K. Muraoka* 3-8-90  
HERBERT K. MURAOKA Date  
Director and Building Superintendent

*Sam Callejo* 3-7-90  
SAM CALLEJO Date  
Director and Chief Engineer

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Prepared by  
Chief Engineer's Office  
Department of Public Works

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APPENDIX Comments received during the consultation period with responses where appropriate.	

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## I. INTRODUCTION

### A. Environmental Assessment

The Environmental Assessment (EA) is being prepared in accordance with the provisions of Chapter II-200 Administrative Rules of the State Department of Health, and pursuant to Chapter 343, Hawaii Revised Statutes. The Department of Public Works, the operating agency is handling the preparation and processing of the EA for the Building Department, the proposing (expending) agency. The EA will assess the potential environmental impact of the proposed improvements to the Wahiawa Corporation Yard located at 127 California Avenue, Wahiawa, Oahu.

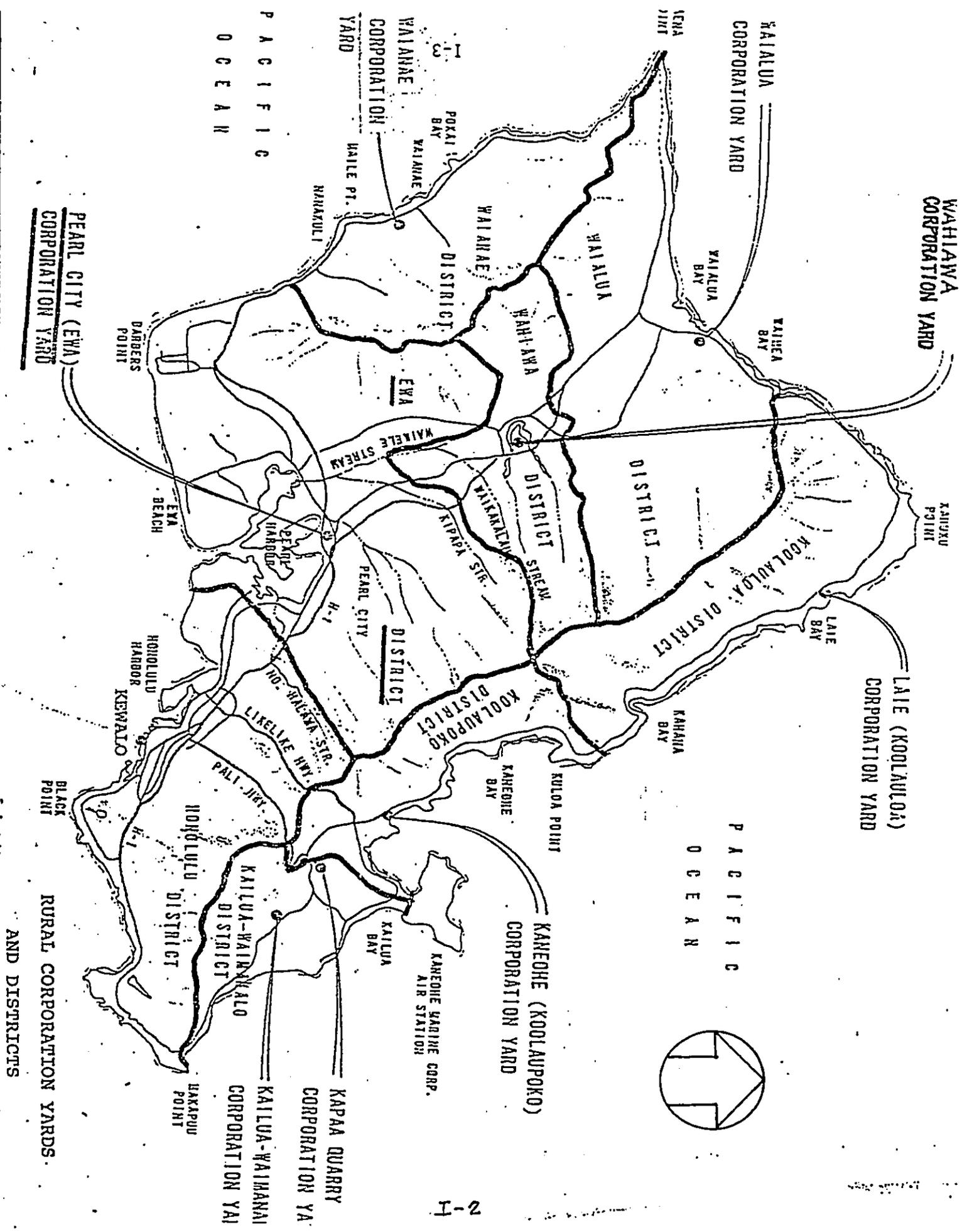
During the assessment period, the Department of Public Works will formally consult with government agencies and individuals for substantive information and regulatory requirements. After the formal consultation and final assessment, a determination will be made whether an environmental impact statement (EIS) will be prepared. If the environmental impact is found to be minimal and/or temporary, a finding of no adverse impact will be issued in the form of a Notice of Negative Declaration. The Notice will be published in the OEQC Bulletin.

### B. Rural Corporation Yards

The Wahiawa Corporation Yard is one of the eight (8) rural baseyards under the operational control of the Department of Public Works. The maintenance, modification and construction of the improvements to the yards are under the jurisdiction of the City's Building Department. The other seven (7) rural yards are Waialua, Laie, Kaneohe, Kailua, Kapaa Quarry and Pearl City. Together with the Honolulu Corporation Yard located at Kewalo Basin, these baseyards are organized to serve eight (8) districts throughout the island of Oahu (see Figure 1).

Baseyard activities at the rural districts vary but typically include road and stream maintenance, refuse collection and automotive support services (fuel and vehicle/equipment maintenance). Overall responsibility of each of the rural baseyards except Kapaa Quarry rests with the District Road Maintenance Superintendent. The District Superintendents are also responsible for bulky item collection as well as dead animal pickups. In addition, four (4) rural district superintendents oversee the refuse collection operation for the Division of Refuse Collection and Disposal.

Wahiawa Corporation Yard serves as the baseyard for Wahiawa, Whitmore Village and Mililani Town areas.



RURAL CORPORATION YARDS AND DISTRICTS  
Figure 1

C. Baseyard Operation

Baseyard activities in the Wahiawa District are provided by the Division of Road Maintenance (Road), Division of Refuse Collection and Disposal (Refuse) and Division of Automotive Equipment Services (AES). Administrative control of the Wahiawa Corporation Yard is under the jurisdiction of the District Road Maintenance Superintendent.

Operation and maintenance activities under the jurisdiction of the Road Division at the Wahiawa Yard include:

1. Storm drain
2. Street sweeping
3. Road and stream maintenance
4. Bulky items and litter container collection
5. Dead animal pickup
6. Vegetation control
7. Sidewalk repair and guardrail installation

Authorized manpower strength for the Road Division at Wahiawa is 19 (1989). Number of vehicles and pieces of equipment assigned to the baseyard is 12.

Summary of activities for the Road Division's Wahiawa District for 1988-1989 Fiscal Year is as follows:

1. Number of storm drain appurtenance inspected. . . . .	83
2. Number of storm drain appurtenance cleaned. . . . .	191
3. Miles of roadside maintained. . . . .	18
4. Number of bulky items picked up . . . . .	2254
5. Number of dead animals picked up. . . . .	176
6. Number of sidewalk cleaned. . . . .	6
7. Number of litter containers serviced. . . . .	2917
8. Miles of manual street sweeping . . . . .	32

The rural refuse collection activity at Wahiawa baseyard is a part of the Leeward Collection and is under the control of the Refuse Collection Administrator. There are six (6) refuse collection routes which cover the areas of Wahiawa, Whitmore, Mililani and part of Kunia. In addition, a front-end loader which collected 3,400 tons of refuse during the year of 1988 is provided by the Pearl City Corporation Yard to service most of the town homes in the Mililani area. For the 1988 calendar year, 18,580 tons of refuse were collected. Presently, there are 21 refuse collectors assigned to the Wahiawa baseyard.

AES provides support services for other public works divisions and is responsible for the maintenance and repair of all automobiles (including cesspool trucks) and construction equipment in the Wahiawa District. Usually, one mechanic from the Pearl City baseyard is assigned to the Wahiawa baseyard to perform the automotive repair and maintenance tasks. During the 1987-88 Fiscal Year, the AES Unit at the Wahiawa baseyard completed approximately 1,500 repair and preventive maintenance requests.

#### D. Master Plan for Wahiawa Corporation Yard

The proposed improvements to the Wahiawa baseyard essentially follow the recommendations from the 1977<sup>1/</sup> master plan study of the rural corporation yards administered by the Department of Public Works. The master plan, based on the existing condition (1977), outlined future (1992+) space requirements of the rural corporation yards for offices, shops, storage facilities, employee ancillary services and vehicle/equipment parking.

The study recommended two-phase construction program to upgrade the inadequate and deteriorated facilities at the Wahiawa yard. Phase construction was needed to minimize disruption of the existing operation within the baseyard.

#### E. Phase I Construction Program

The initial Phase I Construction Program consists of the following items:

1. A 35'x87'x13'H automotive repair garage which includes 4 bays with floor drains, an office, parts-tool storage room and work benches, a bathroom, 400 gallon above ground waste oil storage tank, exterior flood lights, 20-ft. wide concrete slab at the entrance of each bay and airlines to be connected to existing compressor.

<sup>1/</sup> Austin, Tsutsumi & Associates, Inc., "Rural Corporation Yard Master Plan study," March 1977.

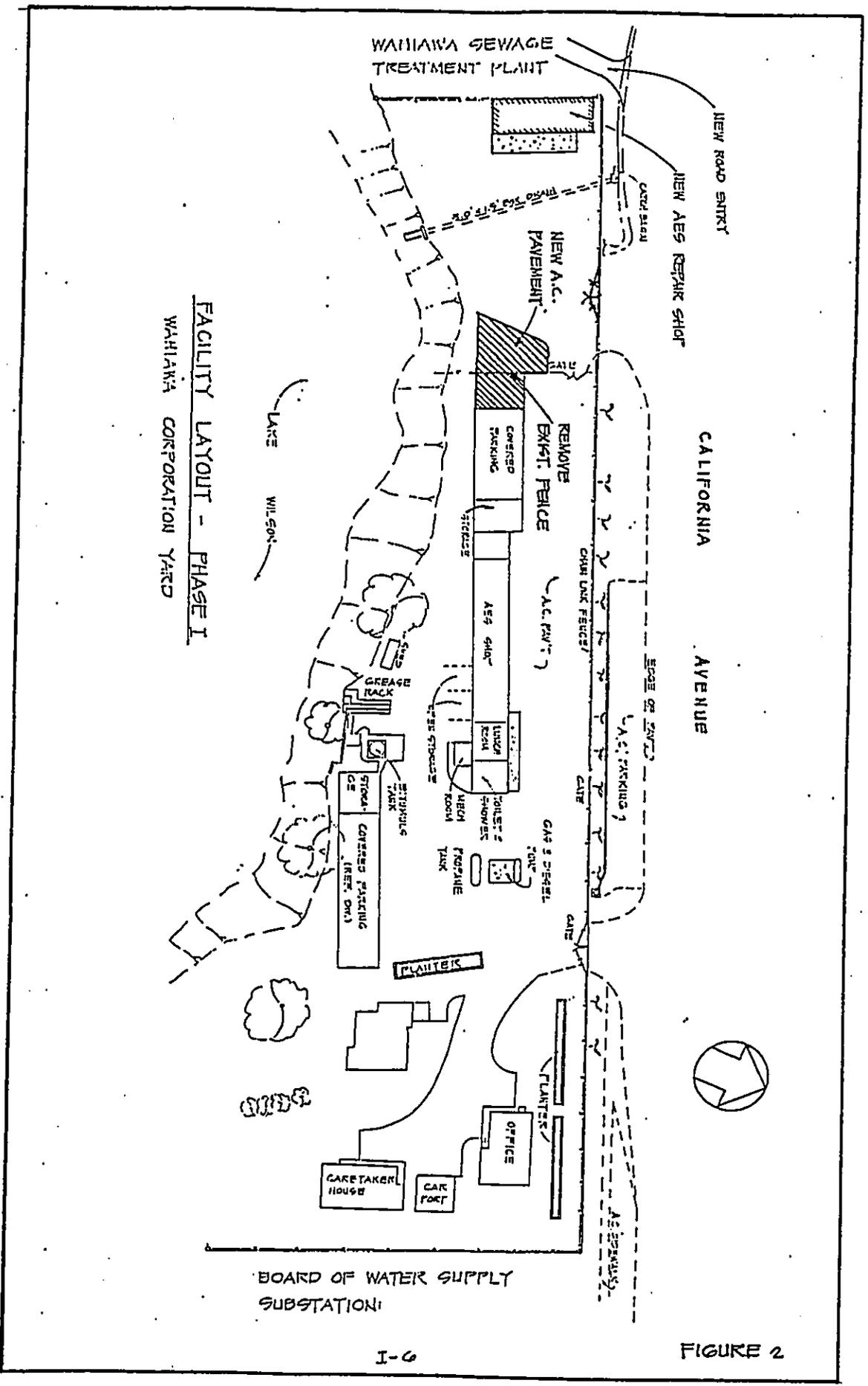
2. Additional parking space.
3. Fencing around perimeter with barbed wire along the property line adjacent to Lake Wilson.
4. New roadway entry to Wahiawa Sewage Treatment Plant Site.
5. Provide asphalt concrete pavement within the project site.

Figure 2. The proposed facility layout for Phase I is shown in

F. Phase II Construction Program

1. A 22'x48' refuse equipment parking shed.
2. A 22'x48' road equipment parking shed.
3. A roof of approximately 600 square feet over the existing fuel dispensing area.

Figure 3 depicts the facility layout for the proposed Phase II improvements. However, it should be noted that the scope of work for the proposed Phase II improvements relative to the Road Division will be re-evaluated by a consultant and may, therefore, be subject to change depending upon the outcome of the consultant's study.



I-6

FIGURE 2



## II. DESCRIPTION OF PROPOSED ACTION AND STATEMENT OF OBJECTIVES

### A. Objectives of the Proposed Action

The objectives of the proposed action are to provide the existing Wahaiawa Corporation Yard with adequate floor space for office, parts-tool storage, toilet facility and vehicle repairs; house vehicles and construction equipment in weather-proof structures (sheds) to prevent premature deterioration and prolong their life of utilization; provide adequate on-site employee parking space; install fencing and flood lights for better security and alter the roadway entrance for easy ingress and egress movements. The location of the Wahaiawa baseyard is shown in Figure 4.

### B. The Proposed Action

The proposed facilities that are planned for the Wahaiawa baseyard include office, repair garage, parts-tool storage for AES Division; parking sheds for vehicles and equipment assigned to Road and Refuse Divisions; new waste oil storage tank; security lighting and fencing around the baseyard perimeter; parking space for employees; and pave the based area with asphalt concrete.

\$200,000 of construction funds have been appropriated through FY 1989-90 Capital Improvement Program (CIP) budget for Phase I construction. Funding for Phase II is scheduled for FY 1992 (planning and engineering) and FY 93 (construction).

### C. Basis for the Proposed Action

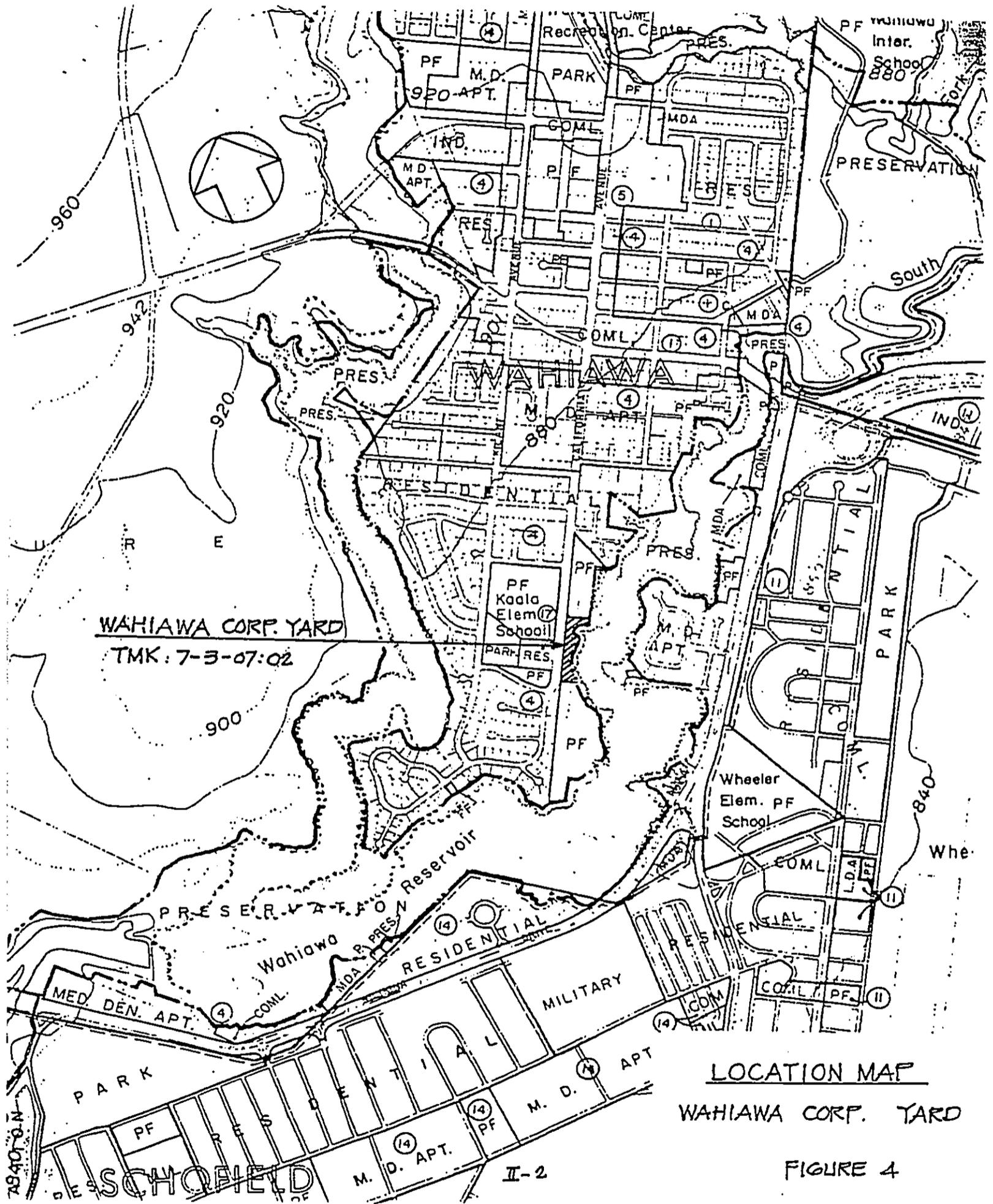
The existing Wahaiawa baseyard was initially constructed in the 1940's. Over the years, because of the wear and tear, the facilities have been significantly deteriorated. Therefore, to run an effective and efficient operation, repair and upgrade of the existing facilities are necessary. In addition, moderate expansion of the existing baseyard is required to accommodate the population growth.

### D. Technical Characteristics of the Project

The proposed improvements (Phase I and II) to the Wahaiawa Corporation Yard can be categorized into three broad groups.

The broad groups are:

1. Improvements to the AES Division
2. Improvements to the Road Division
3. General improvements to the baseyard



Improvements to the AES Division include:

1. Automotive repair shop
2. Roofing for fuel dispensers
3. Above ground waste oil storage tank
4. Covered parking structure

Improvement to the Road Maintenance Division include:

1. Covered parking structure

General improvements to the baseyard include:

1. New entry road
2. Chain-link fence along the property adjacent to Lake Wilson
3. Additional A.C. pavement
4. Additional employee parking

The total cost of the proposed Phase I improvements is estimated within \$200,000 and the estimated construction period will be 4-6 months. Only City funds will be expended and the City Building Department will be the expending agency.

Cost for Phase II improvements is not known at this time and will become available when the feasibility study for Phase II is completed.

### III. DESCRIPTION OF THE AFFECTED AREA

#### A. Location

The Wahiawa Corporation Yard is located at 127 California Avenue, Wahiawa. The site is adjacent to the Wahiawa Sewage Treatment Plant (Ewa side) and Board of Water Supply substation (Diamond Head side). Its rear property line borders Lake Wilson. The baseyard encompasses 1.89 acres of City land and has been in continuous operation since 1940's. Main access to the yard is by way of Interstate Highway H-2, Kamehameha Highway and California Avenue. A six (6) foot high perimeter chain-link fencing surrounds the entire installation except the property line along the embankment of Lake Wilson. Two (2) vehicle gates and one pedestrian gate are locked during the off-duty hours for security reasons. Additional security is provided by a caretaker who lives on the baseyard premise. The Site Plan (see Figure 5) shows the existing facilities within the baseyard.

#### B. Population

According to the City's General Plan Population Projection for the Wahiawa District based on the State Department of Business and Economic Development (DBED) "M-K" Series and the Central Oahu Development Plan, the resident population of the Wahiawa District in 1980 was 44,685, compared to a projected population of 77,240 from the Rural Corporation Yard report. Population of military reservations in the Wahiawa District; such as, Schofield Barracks and Wheeler Air Force Base was not included because they are not served by the Department of Public Works.

#### Wahiawa District Population Projection

	<u>1980</u>	<u>1985</u>	<u>1990</u>	<u>1995</u>	<u>2000</u>	<u>2005</u>	<u>2010</u>
DBED "M-K" Series	44,685	50,035	54,200	58,600	61,700	63,900	64,700
Rural Master Plan Report	77,240	85,600	94,120	102,560	111,000	-	-

The projected year 2000 population of 61,700 by DBED for the Wahiawa District is much more conservative than the 111,000 population proposed by the rural corporation master plan report which was based on DBED Statistical Report 114, dated May 5, 1976.

#### C. Climate

Average air temperatures ranged between 63.3 to 79.1 degrees Fahrenheit. The mean annual precipitation is about 63.1 inches. Humidity is generally between 60 and 80 percent. The tradewinds are from the northeast with an average speed of 7.0 miles per hour.



#### D. Soils

The soils in Wahiawa area are associated with Wahiawa silty clay (WaA and WaB). These soils are well drained, nearly level to moderately steep and are used for sugarcane, pineapple, pasture and homesites. The U.S. Soil Conservation Service soil map<sup>2/</sup> (Figure 6) shows the soil at the Wahiawa Corporation Yard to be Wahiawa silty clay (WaA) with 0 to 3 percent slopes. In a representative profile, the surface layer is very dusky red and dusky red silty clay about 12 inches thick. The subsoil, about 48 inches thick, is dark reddish-brown silty clay that has subangular blocky structure. The underlying material is weathered basic igneous rock. The soil is medium acid in the surface layer and medium acid to neutral in the subsoil. Permeability is moderately rapid. Runoff is slow and erosion hazard is slight.

#### E. Hydrology

Wahiawa town lies between the North Fork Kaukonahua Stream and South Fork Kaukonahua Stream. Both of the North Fork and South Fork merges into Lake Wilson and the Kaukonahua Stream continues onto a north-western direction. Then it combines with the Kiikii Stream and discharges to the Kaiaka Bay located on the North Shore of the Island of Oahu. The North Fork Kaukonahua Stream<sup>3/</sup> encompasses a drainage area of 1.38 square miles and has an average discharge of 16.3 cubic feet per second whereas the South Fork Kaukonahua Stream has a drainage area of 4.04 square miles with an average discharge of 21.2 cubic feet per second. The maximum recorded discharges for North Fork and South Fork were 5.640 cfs (10/28/81) and 5.460 cfs (4/15/63), respectively.

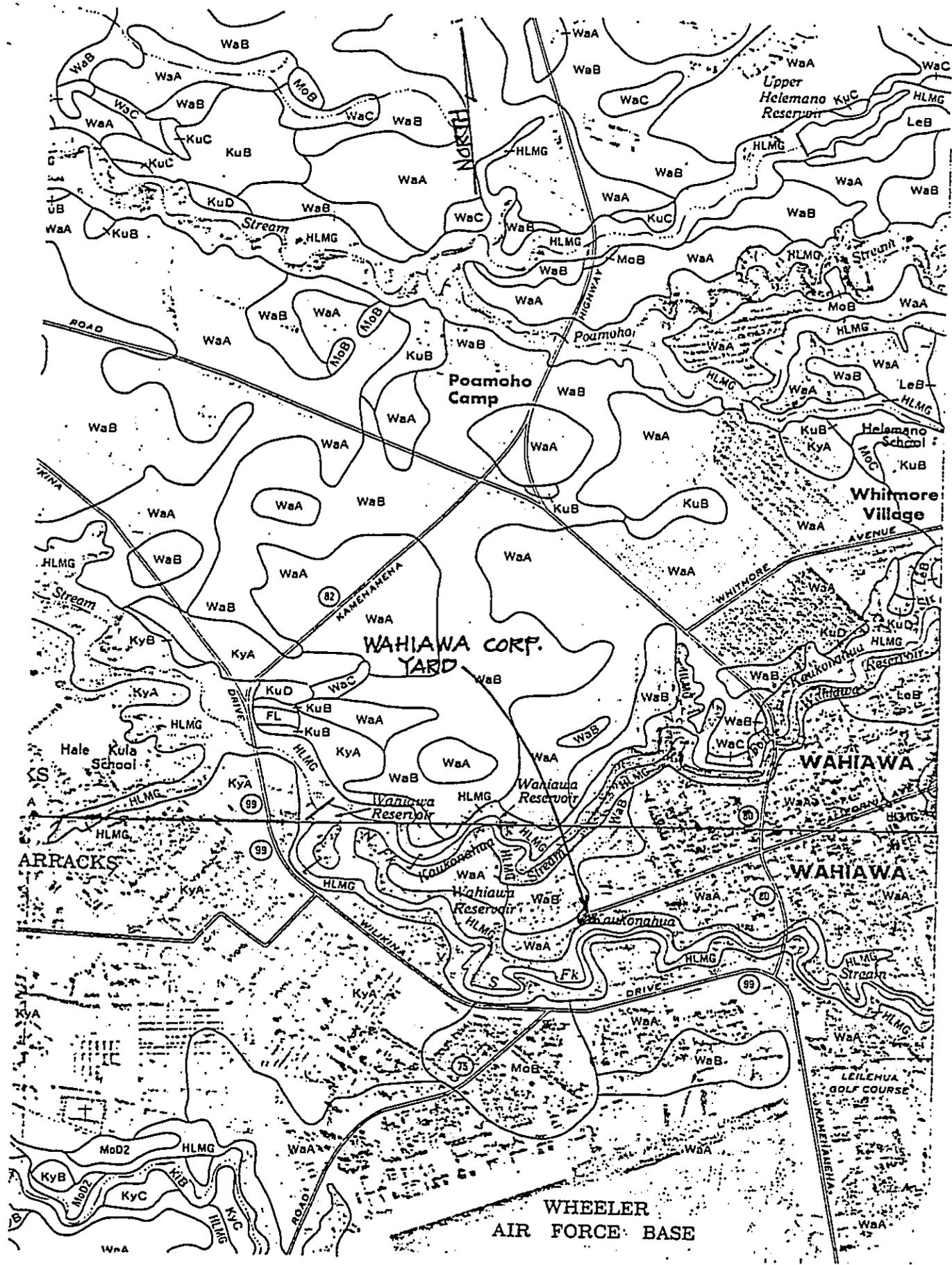
The Wahiawa Baseyard is delineated on the Flood Insurance Rate Map (FIRM) as Zone D (areas in which flood hazards are undetermined).

#### F. Drainage

The existing baseyard is graded as such that high ground is situated on the center of the yard in an east to west pattern. Thus, half of the storm runoff would be sheet-flow to the California Avenue and the remaining half would be discharged into Lake Wilson. There is an existing drainage catch basin located on the California Avenue adjacent to the Western side of the property. An existing 3.0'x1.5' box drain connected to the catch basin is running across the baseyard and discharges the storm runoff into Lake Wilson.

<sup>2/</sup> USDOA, SCS, "Soil Survey of Island of Kauai, Oahu, Maui, Molokai and Lanai, State of Hawaii," August 1972.

DOCUMENT CAPTURED AS RECEIVED



SOURCE : USDA SCS  
AUGUST 1972

III-4

SOIL MAP

FIGURE 6

The proposed development will not alter the existing drainage pattern and, therefore, does not require additional drainage facility or modification to the existing drain structures.

#### G. Land Use

The Wahiawa District lies within the Central Oahu Development Plan (DP) area. The latest land use map of the DP for Wahiawa designates a mixture of uses including residential, commercial, apartments, industrial, and public facilities (see Figure 7).

The lands to the east of the baseyard is designated residential, the north is Kaala Elementary School, the west is Wahiawa Sewage Treatment Plant and the south is bounded by the Lake Wilson. The California Avenue separates the baseyard from the Kaala Elementary School on the north the Wahiawa Sewage Treatment Plant and the baseyard share the same access for ingress and egress.

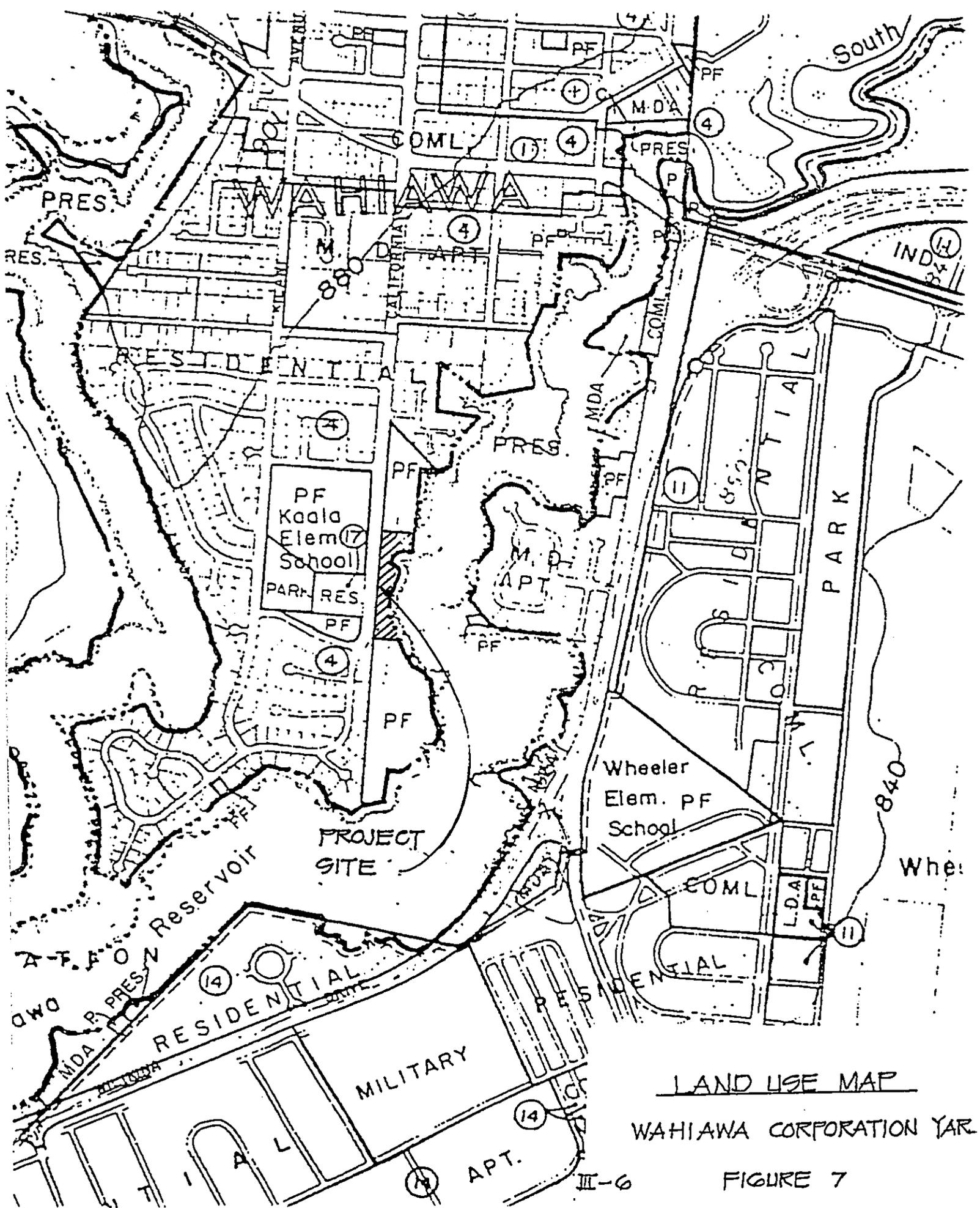
Kaala Elementary School (K-6) is located directly across the baseyard on the California Avenue and has an enrollment of 552 students (1986-87). Leilehua High School (9-12) located at east side of the California Avenue, approximately 8,000 feet away from the baseyard, is one of the major high school in the Central Oahu and has an enrollment of 1605 students. None of the daily activities in the baseyard affect the neighboring educational complexes.

The Wahiawa baseyard is not located within the Special Management Area (SMA) of the City and County of Honolulu.

#### H. Historic Sites

According to "Hawaii/National Register" (Revised 12/87) published by Hawaii Historic Places Review Board, there are two historic sites in the Wahiawa District registered in the National Register. One of the sites is the Kukaniloko Birthstones (TMK: 7-1-01:04) and the other one is the Wheeler Field at Wheeler Air Force Base. However, there are no registered historic sites at or adjacent to the Wahiawa baseyard.

3/ USDOI USGS, "Water Resources Data Hawaii and Other Pacific Areas Water Year 1987," Volume 1, Hawaii H-87-1, 1987.



LAND USE MAP

WAHIAWA CORPORATION YAR.

FIGURE 7

III-6

#### I. Wildlife

No wildlife was observed at the baseyard but there is a strong probability that the yard is frequented by mongooses (Herpestes auro punctatus), mice (Mus musculus) and rats (Rattus. Var.)

Six species of birds were heard or observed around the baseyard--the white eye (Zosterops japonica barred dove (Geoplia striata), lace-necked dove (Streptopelia chinensis), English sparrow (Passer domesticus), cardinal (Richmondena cardinalis) and mynah (Acridotheres tristis).

#### J. Utilities

Electric telephone, sewer and water services are available and adequate for the existing Wahiawa baseyard. Increase in the level of service will be slight, if any, as the result of the proposed improvements.

#### K. Flora

Most of the open space within the baseyard is paved with asphalt concrete (AC) and concrete. There are three planters--two are located behind the office building and the other one is located adjacent to the propane tank. Ti (Cordyline terminalis) is planted along the property line fronting the California Avenue. Within the baseyard, a light stand of banana trees (Musa var) interspered with avocado (Persea americana) trees and croton (Codiasum variegatum) have been planted for landscaping. Tall eucalyptus trees also can be seen along the bank of Lake Wilson.

#### IV. SUMMARY OF IMPACT AND PROPOSED MITIGATING MEASURES

##### A. Construction and Other Short Term Impact

Construction impact is considered minimal as the major work will consist of construction of 4-bay automotive repair shop along with other supportive facilities. The areas proposed for new access road, employee parking or temporary vehicle storage will be graded by filling low spots and covered with base course and asphalt concrete (AC) pavement. Fill and other construction material will be imported.

Grading, stockpiling and erosion control measures will be provided by the contractor in conformance to the City's grading ordinance, Chapter 23, R.O. 1978 as amended. The contractor will be required to control fugitive dust by the use of water or other palliatives during site preparation, excavation for footings and other construction activities according to Department of Health Administrative Rules, Chapter 11-60. The Contractor's construction vehicles which emit unreasonable amount of visible smoke will not be permitted to operate on streets, roads and highways. Air pollution control systems which are an integral part of construction equipment will be operable at all times and properly maintained according to Chapter 11-60.

The potential pollution of water resources during construction is not expected to be a problem. However, the contractor will be required to take reasonable measures to control the loss of soils, oil and grease, and other chemicals that have the potential of entering any water courses.

The contractor will be required to obtain a noise permit from the State Department of Health in conformance to Administration Rules, Chapter 11-43. Typically, construction activity can generate noise level in the 75-95 dBA range depending on the type of equipment and the number of equipment being used simultaneously. Ambient noise level at the baseyard during a work day is in the 55-58 dBA range.

The average noise level<sup>4/</sup> in Wahiawa is in the 42-52 dBA range during the daylight hours. Noise level from construction activity, being much higher than the ambient level, would predominate in the immediate surrounding area during the daylight hours. The distance between the classrooms of Kaala Elementary School and the construction site is about 500 feet. Therefore, some classroom interference from construction noise at the baseyard will be felt. Also, homes within 400 feet from the construction site in the yard will be affected periodically from construction noises during daylight hours for the duration of the construction which is expected to last about eight (8) months.

#### B. Long Term Impact

The existing Wahiawa Corporation Yard is located over an underground source of drinking water (USDW), i.e., mauka of the UIC Line (underground injection control program). Contamination of USDW by domestic sewage is not likely to occur since wastewater is disposed of by a municipal sewer leading into the Wahiawa Sewage Treatment Plant for treatment and final disposal into Lake Wilson.

Waste oil and solvent used for repair and maintenance of vehicles and equipment will be sorted in separate containers and disposed of by commercial collection. These types of waste shall not be landfilled or dumped into the sanitary sewer and storm drain system. A 400-gallon above ground waste oil tank will be installed for waste oil collection. Also, oil spill containment supplies will be provided for accidental spills of petroleum products and oil/water separators will be installed to prevent waste oil from entering into storm drain and Lake Wilson.

In the event of an emergency, the Wahiawa Fire Station which is located east side of California Avenue, approximately 3,000 feet away from the Wahiawa Corporation Yard, can be called upon for assistance and emergency response.

<sup>4/</sup> DBED, "1988 Data Book," page 163.

V. AGENCIES AND INDIVIDUALS WHO WERE CONSULTED DURING THE ASSESSMENT PROCESS

A. The following governmental agencies and individuals were consulted during the assessment process for comments, regulatory requirements and substantive information:

1. Federal Agencies
  - a. U.S. Army Corps of Engineers, Honolulu District\*
  - b. U.S.D.I., Fish and Wildlife Service\*
2. State Agencies
  - a. Department of Health
  - b. Department of Land and Natural Resources\*
  - c. Department of Transportation\*
  - d. Office of Environmental Quality Control\*
  - e. Department of Business and Economic Development\*
  - f. Office of State Planning\*
  - g. Department of Education\*
3. City Agencies
  - a. Board of Water Supply\*
  - b. Fire Department\*
  - c. Honolulu Police Department\*
  - d. Department of General Planning\*
  - e. Department of Land Utilization\*
  - f. Department of Transportation Services\*
  - g. Councilmember Renee Mansho
  - h. Wahiawa Neighborhood Board No. 26
4. Others
  - a. Hawaiian Electric Company\*
  - b. Hawaiian Telephone Company\*

\* Indicate comments or acknowledgements were received. See Appendix for comments and/or response.

## VI. ALTERNATIVES TO THE PROPOSED ACTION

### A. No Action Alternative

Under this alternative, no further improvements will be implemented for the existing Road Maintenance and Automotive Equipment Service facilities. This alternative is not satisfactory since the existing AES facilities are inadequate and affect the efficiency and effectiveness of road maintenance operations. Without covered parking sheds, the vehicles and heavy equipment assigned to the Wahiawa baseyard are subject to weather elements and premature deterioration. In addition, repair work is frequently delayed due to the extreme heat and/or inclement weather.

### B. Alternate Site Alternative

The alternative means that instead of providing automotive services at the Wahiawa baseyard, vehicles and/or equipment required repair or services can be accomplished by the AES personnel at the Pearl City Corporation Yard. However, this is contrary with the Rural Corporation Yards Master Plan which called for improvements to the Wahiawa baseyard. Should such service take place at the Pearl City baseyard then the Pearl City baseyard requires similar improvements in order to accommodate this task.

### C. The Proposed Action

Under this proposed alternative, an automotive repair garage, additional parking space, new entry roadway, new vehicle/equipment shed and additional paving area will be constructed.

With the new improvements, not only the AES personnel can operate more efficiently but the life expectancy of the equipment can be reasonably expanded.

## VII. DETERMINATION AND REASONS SUPPORTING DETERMINATION

### A. Determination

Based on our assessment and a formal consultation with Federal, State, County agencies and other individuals (see Appendix for comments), it has been determined that there is no need to prepare an environmental impact statement.

The short term potential impacts of the proposed project are minor or temporary during the construction phase. The long term potential impacts are not significant since proper mitigation measures can prevent waste oil and solvent from discharging into the storm drain system.

### B. Reasons Supporting Determination

The potential impact of the proposed project will not affect or involve significant impacts on the following criteria:

1. The loss or destruction of any natural or cultural resources (the proposed work is at an existing baseyard);
2. the curtailment of the range of beneficial uses of the environment;
3. affect a rare, threatened or endangered species, or its habitat;
4. substantially affect the economic or social welfare of the community or State (the baseyard provides essential public services to the community, thereby has a beneficial impact on social welfare);
5. involve a substantial degradation of environmental quality;
6. substantially affect public health;
7. substantially involve secondary impacts; such as, pollution changes or effects on public facilities;
8. detrimentally affect an environmentally sensitive area; such as, a flood plain, marsh, estuary, fresh water, or coastal water;
9. detrimentally affect air, or water quality, or ambient noise levels; and
10. affect national or state historic sites.

APPENDIX

Comments on the (Draft) Environmental Assessment  
and responses thereto



**OFFICE OF STATE PLANNING**

Office of the Governor  
1117 North Beretani Street, Suite 200  
Honolulu, Hawaii 96813

Phone: (808) 551-1117  
Fax: (808) 551-1118

February 9, 1990

Mr. Herbert K. Huraoka  
Director and Building Superintendent  
Building Department  
City and County of Honolulu  
Honolulu Municipal Building  
650 South King Street  
Honolulu, Hawaii 96813

EM 163A  
90-013A

Dear Mr. Huraoka:

Subject: Draft Environmental Assessment for the  
Proposed Kahilawa Corporation Yard Improvements  
Kahilawa, Oahu, Hawaii (Tax Map Key: 7-3-07: 02)

We have reviewed the Proposed Environmental Assessment and have no  
comments to offer at this time.

Thank you for the opportunity to comment.

Sincerely,  
*William S. Tamis*  
Harold S. Hasumoto  
Director

cc: Department of Public Works

February 16, 1990

Mr. Harold S. Hasumoto, Director  
Office of State Planning  
State Capitol  
Honolulu, Hawaii 96813

Dear Mr. Hasumoto:

Subject: Environmental Assessment for the  
Proposed Kahilawa Corporation Yard Improvements  
Kahilawa, Oahu, Hawaii (Tax Map Key: 7-3-07: 02)

We acknowledge receipt of your letter dated February 9, 1990  
and we appreciate your review.

Very truly yours,  
*Herbert Huraoka*  
HERBERT HURAOKA  
Director and Building Superintendent

cc: DPH (Alex Ito)

PLATE # 7481  
2000

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU  
HONOLULU MUNICIPAL BUILDING  
150 SOUTH KING STREET  
HONOLULU, HAWAII 96813



HERBERT A. MURAKA  
DIRECTOR AND BUILDING SUPERINTENDENT

February 12, 1990

MEMORANDUM  
TO: BENJAMIN B. LEE, CHIEF PLANNING OFFICER  
DEPARTMENT OF GENERAL PLANNING  
FROM: HERBERT MURAKA  
DIRECTOR AND BUILDING SUPERINTENDENT  
SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
VAHIAVA CORPORATION YARD IMPROVEMENTS, VAHIAVA, OAHU  
(TAX MAP KEY: 7-3-07: 02)

- This is in response to your memo of January 29, 1990 regarding the subject EA.
1. After re-evaluating the needs of the project of which the prime purpose is to provide covered working space for an auto mechanic who is assigned from the Pearl City Corporation Yard to service the Vahilava and Vahaiua Corporation Yards, we decided to reduce the number of bays from four (4) to two (2) at the present time with a provision that the other two bays will be constructed as future expansion. Also, we are looking for a pre-fabricated type of auto repair shop instead of the custom-made type as proposed by the consultant. Therefore, the total estimated construction cost for Phase I improvements would be within \$200,000 as appropriated in the FY 89-90 CIP budget. Consultant finishes the feasibility study. However, should the cost exceed \$500,000, a request to amend the DP Public Facility Map will be submitted to your department for review and approval.
  2. Oil-water separators will be installed in the auto repair shop to limit the discharge of waste petroleum products into Lake Wilson. Also, oil spill containment supplies will be provided for accidental spills of petroleum products.
  3. The perimeter of the site will be appropriately landscaped by our in-house labor.

HERBERT MURAKA  
Director and Building Superintendent

DEPARTMENT OF GENERAL PLANNING  
CITY AND COUNTY OF HONOLULU

410 SOUTH KING STREET  
HONOLULU, HAWAII 96813



Benjamin B. Lee  
DEPARTMENT OF GENERAL PLANNING

January 29, 1990

MH/DGP 1/90-52

MEMORANDUM

TO: HERBERT K. MURAKA, DIRECTOR AND BUILDING SUPERINTENDENT  
BUILDING DEPARTMENT

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

SUBJECT: (DRAFT) ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
WAHIAWA CORPORATION YARD IMPROVEMENTS  
TK: 7-3-7; OZ; WAHIAWA, OAHU, HAWAII

The department has reviewed the above referenced draft Environmental Assessment (EA) and offers the following comments:  
General Plan Consistency

The project is consistent with the policies and objectives of the General Plan.

Development Plan Consistency

The project is consistent with the subject site's Public Facility designation on the Development Plan (DP) Land Use Map for Central Oahu. The proposed project is not identified on the Development Plan Public Facilities (DPPF) Map for Central Oahu. Given the estimate of the total project costs (\$650,000), the project falls under the DP criteria regarding major facility improvements and therefore an amendment to the DPPF Map is required. A Form 101 for the proposed project should be submitted to the Department of General Planning.

Herbert K. Muraka, Director and  
Building Superintendent  
Building Department  
Page 2  
January 29, 1990

Dealnage

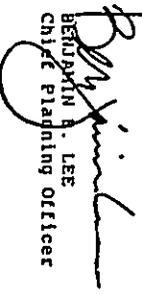
It is noted that all runoff ultimately discharges into Lake Wilson either through direct sheet flow or via the existing dealnage catchment system along California Avenue. Therefore, care should be taken to prevent the discharge of petroleum products or by products, solvents, heavy metals or other toxic substances into Lake Wilson.

Landscape

It is recommended that the perimeter of the site be appropriately landscaped in order to visually screen the corporation yard and to create a noise buffer between the facility and the surrounding neighborhood.

Should you have any questions, please contact Bill Hederos at 527-6089.

BBL:lh

  
BENJAMIN B. LEE  
Chief Planning Officer

Hawaiian Electric Company, Inc. • PO Box 2750 • Honolulu, HI 96810 000



William A. Bonnet  
Manager  
Environmental Department

RECEIVED  
ENVIRONMENTAL  
FEB 05 1990  
HAWAIIAN ELECTRIC COMPANY

February 6, 1990

2/2/90  
ENV 2-2  
JA/G

*[Handwritten initials]*

FRANK P. PAUL  
MAIL ROOM

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
400 SOUTH KING STREET  
HONOLULU, HAWAII 96813



HERBERT K. MURAKA  
Director and Building Superintendent

February 14, 1990

Mr. Herbert K. Muraka  
Director & Building Superintendent  
Department of Public Works  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

Dear Mr. Muraka:

Subject: Draft Environmental Assessment (EA) for Wahiawa  
Corporation Yard Improvements

We have reviewed the draft EA and note that HECCO has no existing electrical facilities outside the project area. As a result, we have no comments to offer.

Sincerely,

*[Handwritten signature]*

William A. Bonnet

Mr. William A. Bonnet, Manager  
Environmental Department  
Hawaiian Electric Co., Inc.  
P.O. Box 2750  
Honolulu, Hawaii 96840-0001

Dear Mr. Bonnet:

Subject: Environmental Assessment for the  
Proposed Wahiawa Corporation Yard Improvements  
Wahiawa, Oahu, Hawaii (Tax Map Key: 7-1-07: 02)

We acknowledge receipt of your letter dated February 6, 1990 and we appreciate your comments.

Very truly yours,

*[Handwritten signature]*

HERBERT MURAKA  
Director and Building Superintendent

/cc: DPH (Alex Ho)

OPERATING  
CONTRACT

15 1 30 1990



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
441 Punchbowl Street  
Honolulu, Hawaii 96813  
January 30, 1990

EDWARD Y. HIRATA  
DIRECTOR

EDWARD Y. HIRATA  
JOHN A. UOYAMA  
RONALD B. HEDDLE  
DAVID K. BOON  
KAREN K. SCHULTZ

PLEASE REFER TO  
HMV-PS  
2.0178

FORM 7-7531

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU  
HONOLULU MUNICIPAL BUILDING  
830 South King Street  
Honolulu, Hawaii 96813



February 12, 1990

HERBERT K. HURAOKA  
DIRECTOR

Mr. Herbert K. Huraoka  
Director and Building Superintendent  
Building Department  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

Dear Mr. Huraoka:

Environmental Assessment (EA)  
Proposed Mahiava Corporation Yard Improvements  
Mahiava, Oahu, Hawaii, TRK: 7-3-07: 02

Thank you for your letter of January 5, 1990, requesting our review of the proposed project's assessment.  
The proposed Mahiava Corporation Yard Improvements will not adversely impact our state highway facilities.

Very truly yours,

*Edward Y. Hirata*  
Edward Y. Hirata  
Director of Transportation

Mr. Edward Y. Hirata, Director  
Department of Transportation  
State of Hawaii  
869 Punchbowl Street  
Honolulu, Hawaii 96813-5097

Dear Mr. Hirata:

Subject: Environmental Assessment for the  
Proposed Mahiava Corporation Yard Improvements  
Mahiava, Oahu, Hawaii (Tax Map Key: 7-3-07: 02)

We acknowledge receipt of your letter dated January 30, 1990 and we appreciate your comments.

Very truly yours,

*Herbert K. Huraoka*  
HERBERT HURAOKA  
Director and Building Superintendent

cc: DPM (Alex Ho)

Other email  
Address



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
415 SOUTH KING STREET, ROOM 441  
HONOLULU, HAWAII 96813  
February 5, 1990

RECEIVED  
FEB 9 9 02 AM '90  
FEB 9 1990  
FEB 9 1990

Hr. Herbert K. Huraoka  
Director and Building Superintendent  
City and County of Honolulu  
650 South King Street  
Honolulu, HI 96813

Dear Hr. Huraoka:

Subject: (Draft) Environmental Assessment for the  
Proposed Wahiawa Corporation Yard Improvements  
Wahiawa, Oahu, Hawaii (Tax Map Key: 7-3-07:  
02)

We have reviewed the environmental assessment and offer the following comments.

We are concerned about the proximity of the site to Ka'ala Elementary School with respect to possible impacts to students in the event of an inadvertent release of toxic fumes from a potential spill or fire. The assessment does not show the prevailing wind direction relevant to the site nor does it identify the nearest fire station and the emergency response time in case of a chemical fire.

We note that storm runoff flows into California Street and Lake Wilson. By the nature of the activities, there is potential for spent solvents and oil to spill and mix with the runoff. Are there provisions for any mitigating measures such as oil sumps or other containment devices.

If you have any questions regarding our comments, please contact Louise Peterson of my staff at 548-6915.

Thank you for the opportunity to comment.

Sincerely,  
*Harvin T. Huraoka*  
Harvin T. Huraoka, Ph.D.  
Director

cc: Public Works  
DLHR

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU  
HONOLULU MUNICIPAL BUILDING  
430 SOUTH KING STREET  
HONOLULU, HAWAII 96813



February 12, 1990

Dr. Harvin T. Huraoka, Director  
Office of Environmental Quality Control  
State of Hawaii  
465 South King Street, Room 104  
Honolulu, Hawaii 96813

Dear Dr. Huraoka:

Subject: Environmental Assessment for the Proposed  
Wahiawa Corporation Yard Improvements, Wahiawa, Oahu  
(Tax Map Key: 7-3-07: 02)

This is in response to your letter of February 5, 1990 regarding the subject EA:  
1. As stated in the EA (page III-1), the tradewinds are from the northeast; i.e., from the corporation yard towards Lake Wilson.

2. In an event of emergency: e.g., fire, the Wahiawa Fire Station is located on the east side of California Avenue, approximately 3,000 feet from the Wahiawa Corporation Yard.

3. Oil-water separators will be installed in the auto repair shop to limit the discharge of waste petroleum products into Lake Wilson. Also, oil spill containment supplies will be provided for accidental spills of petroleum products.

Thank you for your comments.

Very truly yours,

*Herbert Huraoka*  
HERBERT HURAKA  
Director and Building Superintendent

cc: DPW (Alex Ho)



DEPARTMENT OF THE ARMY  
U.S. ARMY ENGINEER DISTRICT, HONOLULU

BRIDGECITY  
FT. SHAFTER, HAWAIIAN ISLANDS 340

January 29, 1990

REPLY TO  
ATTENTION OF  
Planning Branch

1/31/90  
JAN 31 4 12 PM '90  
HKS

Mr. Herbert K. Muraoka  
Director and Building Superintendent  
Building Department  
City and County of Honolulu  
650 South King Street, 8th Floor  
Honolulu, Hawaii 96813

Dear Mr. Muraoka:

We have reviewed the Draft Environmental Assessment (EA) for the Proposed Mahiava Corporation Yard Improvements, Mahiava, Oahu. The following comments are offered.

a. The EA indicates that no fill material will be placed below the ordinary high water line at Lake Wilson (North Fork and South Fork of Kauhahua Stream). Based on this understanding, a Department of the Army (DA) permit will not be required. For more information on DA permit requirements, please contact Operations Branch at 438-9258.

b. According to the Flood Insurance Study for the City and County of Honolulu, the project site is located in Zone D (areas in which flood hazards are undetermined).

Sincerely,

*C. Cheung*  
Kisuk Cheung  
Chief, Engineering Division

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
650 SOUTH KING STREET  
HONOLULU, HAWAII 96813

FRANK P. YAB



February 6, 1990

Mr. Kisuk Cheung, Chief  
Department of the Army  
U.S. Army Engineer District, Honolulu  
Ft. Shafter, Hawaii 96858-5440

Attention: Planning Office

Dear Mr. Cheung:

Subject: Environmental Assessment for the Proposed Mahiava Corporation Yard Improvements, Mahiava Oahu, Hawaii (Tax Map Key: 7-3-07: 02)

We acknowledge receipt of your letter dated January 23, 1990 regarding the subject EA and we appreciate your comments.

Very truly yours,

*Herbert K. Muraoka*  
HERBERT MURAOKA  
Director and Building Superintendent

cc: DPM (Alex Ho)

FORM NO. 10  
REV. 10-78

RECEIVED  
MAIL ROOM  
JAN 22 8 18 AM '90



STATE OF HAWAII  
DEPARTMENT OF EDUCATION  
P. O. BOX 134  
HONOLULU, HAWAII 96813

OFFICE OF THE SUPERINTENDENT

January 22, 1990

CHARLES T. TOGUCHI  
SUPERINTENDENT

FRANK P. KAI  
MAIL ROOM

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
400 KEELE STREET  
HONOLULU, HAWAII 96813



February 5, 1990

HERBERT K. HURAKA  
DIRECTOR AND BUILDING SUPERINTENDENT

Hr. Herbert K. Huraka  
Director and Building Superintendent  
Building Department  
City and County of Honolulu  
650 S. King Street  
Honolulu, Hawaii 96813

Dear Hr. Huraka:

SUBJECT: Draft Environmental Assessment  
Proposed Wahiana Corporation Yard Improvements  
Wahiana, Oahu, Hawaii, TRK: 7-3-07:02

Our review of the proposed improvements indicates that there will be negligible impact on the schools in the area.

Our main concern is that any construction does not interfere with the daily operations of Keala Elementary School which is located across the street from the improvement site. Please contact the school principal should there be any activities which may impact the school.

Thank you for the opportunity to comment.

Sincerely,

*Charles T. Toguchi*

Charles T. Toguchi  
Superintendent

CTT:j1

cc: Mr. S. Callejo, Dept. of Pub. Wks.  
Mr. E. Imai  
Mr. L. Viduya

AN AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY EMPLOYER

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

Dear Mr. Toguchi:

Subject: Draft Environmental Assessment for the  
Proposed Wahiana Corporation Yard Improvements  
Wahiana, Oahu, Hawaii (TRK MAP Key: 7-3-07: 02)

We acknowledge receipt of your letter dated January 22, 1990 commenting on the subject EA.

We will coordinate the construction activities with the school principal of the Keala Elementary School so that the normal school daily operation will not be interfered. We appreciate your comments.

Very truly yours,

*Herbert K. Huraka*

HERBERT HURAKA  
Director and Building Superintendent

cc: DMV (Alex Ho)

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

1001 ALI'I DR  
HONOLULU, HAWAII 96813

1001 ALI'I DR  
HONOLULU, HAWAII 96813



January 26, 1990

ALFRED J. THIEDE  
DIRECTOR  
JOSEPH W. SUGDEN, JR.  
SUPERINTENDENT

110-90-011

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

1001 ALI'I DR  
HONOLULU, HAWAII 96813



January 31, 1990

HERBERT K. MURAOKA  
DIRECTOR AND BUILDING SUPERINTENDENT

MEMORANDUM

TO: HERBERT K. MURAOKA, DIRECTOR AND BUILDING SUPERINTENDENT, BUILDING DEPARTMENT

FROM: ALFRED J. THIEDE, DIRECTOR

SUBJECT: MAHIWA CORPORATION YARD IMPROVEMENTS ENVIRONMENTAL ASSESSMENT  
TMK: 7-3-07: 02

This is in response to your memorandum of January 5, 1990 requesting our review and comments on the subject project. We have no objections to the proposed Mahiwa Corporation Yard Improvements. However, during construction, the roads surrounding the subject area should be kept free of debris. Should there be any further questions, please contact Wayne Nakamoto of my staff at local 4190.

cc: Department of Public Works.

1101  
ALFRED J. THIEDE

MEMORANDUM

TO: ALFRED J. THIEDE, DIRECTOR DEPARTMENT OF TRANSPORTATION SERVICES

FROM: HERBERT K. MURAOKA DIRECTOR AND BUILDING SUPERINTENDENT BUILDING DEPARTMENT

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED MAHIWA CORPORATION YARD IMPROVEMENTS MAHIWA, OAHU, HAWAII (TMK: 7-3-07: 02)

We acknowledge receipt of your memo of January 26, 1990 regarding the subject EA. During the construction, we will provide appropriate measures to keep the roadway free from debris. We appreciate your comments.

cc: DPW (Alex Ho)

HERBERT K. MURAOKA  
Director and Building Superintendent

POLICE DEPARTMENT  
CITY AND COUNTY OF HONOLULU

485 SOUTH KING STREET  
HONOLULU, HAWAII 96813



FRANK P. FAHI  
WALTON  
OUR REFERENCE SS-LK

January 25, 1990

TO: HERBERT K. MURAOKA  
DIRECTOR AND BUILDING SUPERINTENDENT  
BUILDING DEPARTMENT

FROM: HAROLD KAWASAKI, CHIEF OF POLICE  
HONOLULU POLICE DEPARTMENT

SUBJECT: (DRAFT) ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
MAHIAMA CORPORATION YARD IMPROVEMENTS  
MAHIAMA, OAHU, HAWAII (TAX MAP KEY: 7-3-07: 021)

We have reviewed the above-referenced environmental assessment and have no opposition to the proposed action.  
Thank you for allowing us to provide comments.

HAROLD KAWASAKI  
Chief of Police

BY *[Signature]*  
JOSEPH AVEIRO  
Assistant Chief of Police  
Support Services Bureau

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
430 SOUTH KING STREET  
HONOLULU, HAWAII 96813



FRANK P. FAHI  
WALTON

January 31, 1990

MEMORANDUM

TO: HAROLD KAWASAKI, ACTING CHIEF OF POLICE  
HONOLULU POLICE DEPARTMENT

FROM: HERBERT K. MURAOKA  
DIRECTOR AND BUILDING SUPERINTENDENT  
BUILDING DEPARTMENT

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
MAHIAMA CORPORATION YARD IMPROVEMENTS  
MAHIAMA, OAHU, HAWAII (TRK: 7-3-07: 021)

We acknowledge receipt of your memo dated January 25, 1990 regarding the subject EA and we appreciate your comments.

*[Signature]*  
HERBERT MURAOKA  
Director and Building Superintendent

cc: DPH (Alex Ho)



United States Department of the Interior  
**FISH AND WILDLIFE SERVICE**  
**PACIFIC ISLANDS OFFICE**  
 P.O. BOX 50167  
 HONOLULU, HAWAII 96850

JAN 22 1990

Hr. Herbert K. Huraoka  
 Director and Building Superintendent  
 Building Department  
 City and County of Honolulu  
 650 South King Street  
 Honolulu, Hawaii 96813

Re: Mahiava Corporation Yard Improvements, Mahiava, Oahu  
 Dear Mr. Huraoka:

The U.S. Fish and Wildlife Service (Service) has reviewed the Draft Environmental Assessment for the proposed project and offers the following comments for your consideration.

The proposed facility includes an automotive repair garage, parking areas, and a waste oil storage tank. Under existing conditions, stormwater run-off from the facility is directed to California Avenue and to Mahiava Reservoir. We are concerned that the chronic discharge of petroleum waste products carried in stormwater run-off may adversely impact water quality and fishery resources in Mahiava Reservoir. Therefore, we recommend that the drainage system for the proposed facility incorporate oil-water separators to limit the discharge of waste petroleum products into Mahiava Reservoir. In addition, the facility should stockpile oil spill containment supplies to handle accidental spills of petroleum products.

We appreciate the opportunity to comment.

Sincerely,

*Herbert K. Huraoka*

for Ernest Kosaka  
 Field Supervisor  
 Pacific Islands Office

cc: OLHR

BUILDING DEPARTMENT  
**CITY AND COUNTY OF HONOLULU**  
 HONOLULU MUNICIPAL BUILDING  
 500 South King Street  
 Honolulu, Hawaii 96813



January 31, 1990

Mr. Ernest Kosaka  
 Field Supervisor  
 U.S. Department of the Interior  
 Fish and Wildlife Service  
 Pacific Islands Office  
 P.O. Box 50167  
 Honolulu, Hawaii 96850

Dear Mr. Kosaka:

Subject: Environmental Assessment for the Proposed Mahiava Corporation Yard Improvements, Mahiava Oahu, Hawaii (Tax Map Key: 7-1-07: 02)

Thank you for your letter of January 22, 1990 commenting on the subject EA.

We concur with your recommendations that oil-water separators will be installed in the automotive repair shop to limit the discharge of waste petroleum products into Mahiava Reservoir and oil spill containment supplies will be provided for accidental spills of petroleum products.

Very truly yours,

*Herbert K. Huraoka*  
 HERBERT HURAOKA  
 Director and Building Superintendent

cc: DPM (Alex Ho)



DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT

STATE OF HAWAII DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT

ROGER A. UYVELING  
DIRECTOR  
DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT  
1505 KALANIANA'OLEHI DRIVE  
HONOLULU, HAWAII 96813

January 19, 1990

Mr. Herbert K. Muraoka  
Director of Building Superintendent  
City and County of Honolulu  
Building Department  
650 South King Street  
Honolulu, Hawaii 96813

Re: (Draft) Environmental Assessment for the  
Proposed Mahiava Corporation Yard Improvements  
Mahiava, Oahu, Hawaii (TRK: 7-3-07-02)

Dear Mr. Muraoka:

The Department of Business and Economic Development has no  
comments to the proposed Draft Environmental Assessment dated  
January 4, 1990.

Returned is our copy of the Draft Environmental Assessment.

Sincerely,

Roger A. Uyveling

RAU:dm  
Enclosure

JAN 24 3 43 PM '90  
RECEIVED  
DEPARTMENT OF BUSINESS AND ECONOMIC DEVELOPMENT  
HONOLULU, HAWAII

CITY AND COUNTY OF HONOLULU

BUILDING DEPARTMENT  
HONOLULU MUNICIPAL BUILDING  
1505 KALANIANA'OLEHI DRIVE  
HONOLULU, HAWAII 96813



January 31, 1990

Mr. Roger A. Uyveling, Director  
Department of Business and Economic  
Development  
State of Hawaii  
P.O. Box 2359  
Honolulu, Hawaii 96804

Dear Mr. Uyveling:

Subject: Environmental Assessment for the Proposed  
Mahiava Corporation Yard Improvements, Mahiava  
Oahu, Hawaii (TRK: 7-3-07: 02)

We acknowledge receipt of your letter dated January 19, 1990  
regarding the subject EA and we appreciate your comment.

Very truly yours,

HERBERT MURAOKA  
Director and Building Superintendent

cc: DPH (Alex Ho)

BOARD OF WATER SUPPLY  
CITY AND COUNTY OF HONOLULU  
630 SOUTH BEREIANA STREET  
HONOLULU HAWAII 96813



FRANK F. PARI  
DONALD B. COHN, Chairman  
JOHN R. ISA, Vice Chairman  
SIRIL M. DANIEL, At-Large  
SAL CALLEO  
EDWARD Y. HIRATA  
WALTER WATSON, At-Large  
MARGARET H. YAMAGUCHI  
KAZU HAYASHIDA  
Manager and Chief Engineer

January 17, 1990

TO: HERBERT K. MURAKA  
DIRECTOR AND BUILDING SUPERINTENDENT  
BUILDING DEPARTMENT

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

SUBJECT: YOUR MEMO OF JANUARY 5, 1990 REGARDING THE  
ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
MAHIAMA CORPORATION YARD IMPROVEMENTS,  
THK: 7-1-07: 02

We have no objections to the proposed work.

The proposed project should not have any impact on our existing water system in that area. However, we request that the construction plans be submitted to us for our review and approval.

If you have any questions, please contact Lawrence Whang at 527-6138.

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
430 South King Street  
Honolulu, Hawaii 96813



HERBERT K. MURAKA  
Director and Building Superintendent

January 30, 1990

MEMORANDUM

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

FROM: HERBERT K. MURAKA  
DIRECTOR AND BUILDING SUPERINTENDENT  
BUILDING DEPARTMENT

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
MAHIAMA CORPORATION YARD IMPROVEMENTS  
MAHIAMA, OAHU, HAWAII (THK: 7-1-07: 02)

We acknowledge receipt of your memo of January 17, 1990 regarding the subject EM. We appreciate your comment.

HERBERT K. MURAKA  
Director and Building Superintendent

cc: DPM (Alex Ho)

FIRE DEPARTMENT  
CITY AND COUNTY OF HONOLULU  
1575 MERILEE STREET ROOM 303  
HONOLULU HAWAII 96813



LIONEL E. CAMARA  
Fire Chief  
DONALD S. H. CHUNG  
Assistant Fire Chief

January 18, 1990

TO: HERBERT K. HURAOKA, DIRECTOR AND BUILDING SUPERINTENDENT  
BUILDING DEPARTMENT

FROM: LIONEL E. CAMARA, FIRE CHIEF

SUBJECT: (DRAFT) ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
MAHIANA CORPORATION YARD IMPROVEMENTS  
MAHIANA, OAHU, HAWAII (TRK: 7-3-07: 02)

He have reviewed the subject material provided and foresee no adverse impact in Fire Department facilities or services, planned or now provided. Existing fire protection is considered adequate.

Should you have any questions, please contact Battalion Chief Michael Zablan of our Administrative Services Bureau at local 3838.

*Lionel E. Camara*  
LIONEL E. CAMARA  
Fire Chief

LEC/MZ:la

cc: Chief Engineer's Office (Alex Ho)

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU  
HONOLULU MUNICIPAL BUILDING  
550 SOUTH KING STREET  
HONOLULU HAWAII 96813



LIONEL E. CAMARA  
Fire Chief

January 22, 1990

MEMORANDUM

TO: LIONEL E. CAMARA, FIRE CHIEF  
FIRE DEPARTMENT

FROM: HERBERT K. HURAOKA  
DIRECTOR AND BUILDING SUPERINTENDENT

SUBJECT: ENVIRONMENTAL ASSESSMENT FOR THE PROPOSED  
MAHIANA CORPORATION YARD IMPROVEMENTS  
MAHIANA, OAHU, HAWAII (TRK: 7-3-07: 02)

He acknowledge receipt of your memo of January 18, 1990 concerning the subject EA. We appreciate your comments.

*Herbert K. Huraoka*  
HERBERT K. HURAOKA  
Director and Building Superintendent

cc: DFW (Alex Ho)

**GTE Hawaiian Tel**

PO Box 229  
Honolulu, Hawaii 96811  
Tel: 768-2154 1511

STANDARD TIME  
HAWAII

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
430 South King Street  
Honolulu, Hawaii 96813



REGISTERED SURVEYORS  
ENGINEERS AND ARCHITECTS

January 18, 1990

City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii 96813

ATTENTION: Mr. Alex Ho, Chief Engineer's Office

Hahilawa Corporation Yard Improvements

Thank you for the opportunity of comment on the Draft Environmental Assessment for the proposed subject project. The construction of the proposed automotive repair garage and parking shed will not affect our project which is aerial along California Avenue. However, HIC does have an underground service cable in your facility which runs from Pole 27 to your electrical room. The proposed roofing structure over the gas and diesel pump may be affected by this. Please have plans submitted to our permits section here at 3239 Kalena Street so the cable can be located by our forces prior to any excavation.

If you should have any questions, please call Kirsten Chabbers at 834-6293.

KC/Kr (8182.11r)

*Mark K. Taosaka*  
Mark K. Taosaka  
OSP Supervising Engineer

January 22, 1990

Mr. Mark K. Taosaka  
OSP Supervising Engineer  
GTE Hawaiian Telephone  
P. O. Box 2200  
Honolulu, Hawaii 96841

Dear Mr. Taosaka:

Subject: Environmental Assessment (EA) for the Proposed  
Hahilawa Corporation Yard Improvements  
Hahilawa, Oahu, Hawaii (TKK: 7-3-07: 02)

Thank you for your letter of January 18, 1990 commenting on the subject EA.

We acknowledge that you have no objection to the proposed automotive repair garage and parking shed.

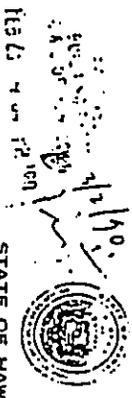
For your information, we will submit the construction plans of the proposed roofing structure over the gas and diesel pump, which is included in the future phase of improvements, to your Permits Section for review at an appropriate time.

Very truly yours,

*Herbert K. Muraoka*  
HERBERT K. MURAKA  
Director and Building Superintendent

cc: DPM (Alex Ho)

STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES



STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
P. O. BOX 411  
HONOLULU, HAWAII 96813

FEB 27 1991

File: 90-411  
Doc.: 7553E

Keith S. Alue  
Assistant Secretary  
Department of Land and Natural Resources  
Honolulu, Hawaii

Hr. Herbert K. Huraoka  
Director and Building Superintendent  
City and County of Honolulu  
Building Department  
650 South King Street  
Honolulu, Hawaii 96813

Dear Hr. Huraoka:

Subject: Draft EA for the Proposed Mahiawa Corporation Yard  
Improvements  
Mahiawa, Oahu, Hawaii  
THK: 7-3-07; 02

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.

As indicated on Page III-5 of the Draft EA, a portion of the baseyard property along the stream is located within the Conservation District. The proposed activity requires a Conservation District Use Permit and Board approval prior to the initiation of any work within the Conservation District.

Furthermore, measures should be taken during the construction phase to prevent runoff from the site into the Mahiawa Reservoir in order to limit silt loading and to avoid the accidental introduction of toxic chemicals that may have accumulated in the soil of the facility during its 50 years of existence.

Discarded materials should be hauled to an appropriate landfill and not dumped over the banks of the Reservoir. No bulldozed soil or other material should be placed down the bank of the Reservoir. The baseyard grounds should be landscaped to direct runoff to a storm drain, where an oil/water separator should be installed to block escape of oil from the facility.

In addition, appropriate servicing of the separator should be planned in the proposal as a mitigation measure to ensure that pollution of the Reservoir does not occur. Imposition of these measures is needed to protect aquatic resource values.

Mr. Herbert K. Huraoka - 2 - File No. 90-411

If you have any questions, please feel free to call me or Cathy Tilton at our Office of Conservation and Environmental Affairs at 548-7837.

Very truly yours,

*Keith S. Alue*  
KEITH S. ALUE  
WILLIAM W. PATTY

cc: DAR

BUILDING DEPARTMENT  
CITY AND COUNTY OF HONOLULU

HONOLULU MUNICIPAL BUILDING  
530 NORTH KING STREET  
HONOLULU, HAWAII 96813



HERBERT A. MURDOCK  
Director - Building Department

FRANK P. PATY  
Chairperson

March 5, 1990

Hr. William V. Paty  
Chairperson  
Board of Land and Natural Resources  
Department of Land and Natural Resources  
State of Hawaii  
P.O. Box 621  
Honolulu, Hawaii 96809

Dear Hr. Paty:

Subject: Environmental Assessment for the Proposed  
Wahiana Corporation Yard Improvements  
Wahiana, Oahu, Hawaii (Tax Map Key: 7-3-07: 02)

This is in response to your letter of February 27, 1990 commenting on the subject  
EA:

1. Due to budgetary constraints, the scope for the proposed improvements has been reduced such that the new auto repair shop will be located outside of the Conservation District boundary. Therefore, no Conservation District Use Permit will be required.
2. Proper measures will be taken during the construction period to prevent the runoff from the site to the Wahiana Reservoir.
3. Since the new auto repair shop will be a single story structure, the footing excavation will be minimal. In addition, demolition material, if any, will be hauled away and disposed of at a City landfill facility.
4. Oil-water separators will be installed in the auto repair shop to limit the discharge of waste petroleum products into the Wahiana Reservoir. Also, oil spill containment supplies will be provided for accidental spills of petroleum products.

Very truly yours,

*Herbert A. Murdock*  
HERBERT MURDOCK  
Director and Building Superintendent

cc: DPW (Alex Ho)