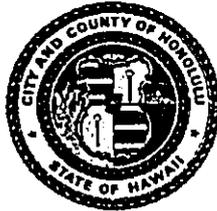


DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813

FRANK F. FASI
MAYOR



RECEIVED
SAM CALLEJO
DIRECTOR AND CHIEF ENGINEER
IN REPLY REFER TO:

'92 JAN 29 P1:09 92-12-0029

OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

January 27, 1992

Mr. Brian 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 for the Kahaluu Flood Control Lagoon and
Outlet Channel Maintenance Dredging Project, Kahaluu, Oahu,
Hawaii, Tax Map Key: 4-7-26: 23 and 4-7-11: 9, 10, 14

This letter is a notice of Negative Declaration by the proposing agency, the City and County of Honolulu, Department of Public Works. The subject action has been assessed according to Title 11, Chapter 200, Environmental Impact Statement Rules, and Chapter 343, HRS.

A determination has been made that an environmental impact statement is not required based on an environmental assessment which was prepared for the project. Four copies of the environmental assessment are enclosed.

The pertinent information for this notice of determination is summarized below.

1. **PROPOSING AGENCY**

City and County of Honolulu, Department of Public Works.

Mr. Brian Choy, Director
January 27, 1992
Page 2

2. ***DESCRIPTION OF THE PROPOSED ACTION***

The proposed project involves maintenance dredging of accumulated silt, sediment, debris, and vegetation where the Waihe'e and Kahalu'u Streams converge at the multi-purpose lagoon. The work will be done on the alignment length of approximately 2,400 lineal feet, ending at the estuary entering Kaneohe Bay. Approximately 71,000 cubic yards of dredge spoil will be removed and hauled to a disposal/drying area prior to final use. Estimated cost is \$3.0 million dollars and the work will take approximately nine months to complete.

3. ***DETERMINATION***

After preparing an environmental assessment and consulting with other agencies, we have determined that the proposed project will not have a significant impact on the environment, and an Environmental Impact Statement is not required.

4. ***REASONS SUPPORTING DETERMINATION***

Reasons and conclusion supporting determination are based on the following criteria.

The proposed project will not:

- a. Involve an irrevocable commitment to loss or destruction of any natural or cultural resource;
- b. Curtail the range of beneficial uses of the environment;
- c. Conflict with the State's long-term environmental policies or goals and guidelines as expressed in Chapter 344, Hawaii Revised Statutes, and any revisions thereof and amendments thereto, court decisions or executive orders;
- d. Substantially affect the economic or social welfare of the community or State;
- e. Substantially affect public health;
- f. Involve substantial secondary impacts, such as population changes or effects on public facilities;

Mr. Brian Choy, Director
January 27, 1992
Page 3

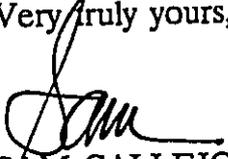
- g. Involve a substantial degradation of environmental quality;
- h. Substantially affect a rare, threatened, or endangered species or its habitat;
- i. Detrimentally affect air or water quality or ambient noise levels; or
- j. Detrimentally affect an environmentally sensitive area, such as a flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary, fresh water, or coastal waters.

5. ***CONTACT PERSON***

Melvin Takakura
Department of Public Works
Division of Engineering
Honolulu Municipal Building, 15th Floor
650 South King Street
Honolulu, Hawaii 96813

Telephone No.: 523-4931

Very truly yours,


SAM CALLEJO
Director and Chief Engineer

Attachment (4 copies)

cc: Engineers Surveyors, Hawaii (w/o attach.)

1992-02-08-0A-~~FEA~~-Kahaluu Flood Control

Environmental Assessment
For the
KAHALU'U FLOOD CONTROL
LAGOON AND OUTLET CHANNEL
MAINTENANCE DREDGING
PROJECT

KAHALU'U, OAHU, HAWAII
Tax Map Key: 4-7-26: 23, and 4-7-11: 9, 10, 14

This Environmental document prepared pursuant to Chapter 343, HRS

PREPARED FOR
DIVISION OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

Responsible Official: C. Michael Street 1/14/92
for Sam Callejo, Director and Chief Engineer Date
mk

PREPARED BY
ENGINEERS SURVEYORS, HAWAII
ENVIRONMENTAL COMMUNICATIONS, INC.

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
I. SUMMARY	1
II. PROJECT DESCRIPTION	2
A. Project Location	2
B. Kahaluu Watershed	2
C. Environmental Characteristics	2
III. SUMMARY OF MAJOR IMPACTS AND PROPOSED MITIGATION MEASURES	4
IV. ALTERNATIVES CONSIDERED	7
V. FUNDING AND PHASING	8
VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING DETERMINATION	9
VII. LIST OF AGENCIES CONSULTED DURING PREPARATION OF THE ENVIRONMENTAL ASSESSMENT WITH RESPONSES RECEIVED	10
VIII. LIST OF PREPARERS	11

LIST OF FIGURES

FIGURE

- 1 Project Location
- 2 Site Plan
- 3 SMA Boundary Map

LIST OF EXHIBITS

EXHIBITS

- A Department of Land and Natural Resources
Stream Alteration Permit, June 26, 1984
- B Department of Land and Natural Resources
Conservation District Use Application, December 22, 1987
- C Department of Land Utilization
Routine Stream Maintenance within the Shoreline Management
Area (SMA) and Shoreline Setback January 22, 1988
- D U.S. Army Corps of Engineers, General Permit PODCO-O GP 82-1-M
To perform maintenance dredging at 20 stream mouths Sept. 4, 1987

I SUMMARY

CHAPTER 343, HAWAII REVISED STATUTES (HRS)
ENVIRONMENTAL ASSESSMENT

Proposing Agency: Department of Public Works
City and County of Honolulu

Project Name: Kahalu'u Flood Control Lagoon and Outlet
Channel Maintenance Dredging Project
Kahalu'u, Oahu, Hawaii

Project Description: The proposed project involves maintenance dredging of sediment, silt, debris, and vegetation where the Waihe'e and Kahalu'u Streams converge at the multipurpose lagoon See Figure 1. This dredging will be done on an alignment length of approximately 2,400 lineal feet, ending at the estuary entering Kaneohe Bay. This work is required to restore the drainage capacity, and to reduce the risk of injury and property damage due to flooding. This maintenance dredging will also restore the recreational use of the lagoon and provide an improved estuarine habitat. Dredging will be done to depths of approximately (-) 5 to (-) 7 feet below mean sea level elevation, which will allow for tidal ebb and flow of the Kaneohe Bay waters. An approximate total of 71,000 cubic yards of material will be removed to an approved dredge spoil dewatering area.

Project Location: Kahalu'u Stream, Kahalu'u, Oahu, Hawaii
Tax Map Key: 4-7-26: 23 and 4-7-11: 9, 10, 14

State land Use: Agriculture, Conservation

Contact: Engineers Surveyors, Hawaii (ESH)
c/o Environmental Communications, Inc.
P.O. Box 536
Honolulu, HI 96809
Telephone: (808) 521-8391

II. PROJECT DESCRIPTION

A. Project Location

Kahalu'u Stream is located on windward side of Oahu in the Koolaupoko District. The project site is the convergence of the Waihe'e, Ahuimanu, and Kahalu'u streams. These streams provide drainage for the Kahalu'u Watershed, a drainage basin area of approximately 4,900 acres, beginning at the Koolau Mountains and the Waiahole Forest Reserve. The three streams contribute an aggregate stream flow total of approximately 20,000 cubic feet per second. Annual rainfall in the Kahalu'u Watershed is among the highest in the State, with an annual average rainfall of 180 inches in the upper watershed near the Koolau mountaintops, and 70 inches in lower flat areas near Kaneohe Bay.

The Kahalu'u multipurpose lagoon collects the storm runoff from the previously described streams and was built in two phases in 1976 and 1980. The lagoon was designed with an unlined invert ranging in depth from (-) 5 to (-) 7 feet in elevation. The lagoon outlets into Kaneohe Bay through a channel 280 feet wide. Approval for the construction by the Board of Land and Natural Resources for a Conservation District Use Application permit was granted via CDUA OA-3/10/75-644, August 8, 1975.

B. Kahalu'u Watershed

Historically, the Kahalu'u Watershed area has been in agriculture use, with the prevailing land uses broken down as follows: 2,298 acres 52% for forest land; 884 acres 20%, grassland; 1,017 acres 23% for crop lands; and 221 acres 5% for business-residential lands. The agricultural lands are primarily used for the production of leaf taro, papaya, banana, various truck crops (vegetables), poultry, and livestock farms. Tropical flowers, ornamental plants, and orchids are also produced commercially.

C. Environmental Characteristics

The marine biota of the project area consist of the aquatic stream life and these include the tilapia, oopu nakea, oopu naniha, frog, crayfish, swordtail guppy, shrimp, i.e. opaekala 'ole and opae'oeha'a; crab, mullet, papio, and occasionally, nehu. Recent investigations have revealed the presence of aquarium fish which have been discarded into the streams. This has resulted

in a minor proliferation of exotic species which could threaten the resident indigenous species for food and habitat. There are no known endangered species present at the site.

There are no known archaeological or historical sites located at the project site. The Bishop Museum conducted an archaeological reconnaissance survey of the area on August 22, 1974 and their report stated that no archaeological remains were found in the project area. The Kahalu'u Fish Pond also known as the Kahonua Fish Pond is located in the vicinity of the project area and is registered on the National Register of Historic Places. However, the Kahalu'u Fish Pond will not be adversely affected by the dredging work.

Most of the terrestrial fauna are found in the lands mauka of the project site and these are the birds and mammals typically found in the mountain areas. Besides the exotic or introduced species, there are some rare indigenous species of Hawaiian birds such as the elepaio found in the forest reserve areas.

III. SUMMARY OF MAJOR IMPACTS AND PROPOSED MITIGATION MEASURES

The proposed stream maintenance dredging will not have any significant adverse impact on the environment. There will be temporary impacts due to the dredging, i.e. turbidity and certain loss of marine life, but these are limited to the maintenance dredging procedure and the site will recover at the conclusion of the dredging operations.

The Project will not have impact on wildlife or on any endangered Hawaiian waterbirds and their habitat. The recommended proposed method of dredging for this project is by suction hydraulic dredging, where the sediment and silt are sucked from the stream bed and transported to a pre-designated de-watering and spoil area. Although suction dredging is recommended, the contractor will be given the option to use whichever means of dredging he chooses, as long as the method meets all environmentally sensitive and performance standards.

The Project will be subject to review and approval by the State Department of Health, Clean Water Branch for compliance with "Title 11, Department of Health, Chapter 54, Water Quality Standards." The application for a Section 401 Water Quality Certification will include a definitive schedule of mitigation methods consisting of silt curtains at the stream estuary, silt containment basins at the de-watering site (presently identified in Figure 2) and/or any other measures deemed necessary by the State Department of Health.

The proposed de-watering and spoil area is located mauka of the Kahalu'u Lagoon (Figure 2) on existing City property which is under the jurisdiction of the Department of Parks and Recreation. This property is being planned as a future park site by the Department of Parks and Recreation and the dredged material is expected to be used as fill material for this future park site. However, in the interim, the dredged material will be stockpiled within the park property and all stockpiling work will be done in strict compliance with the City's Grading Ordinance.

The de-watering and spoil area will be prepared such that a holding area (a silting basin) will be constructed to de-silt the water before being conveyed back to the stream. This is required to mitigate introduction of silt back into the stream water and to prevent pollution of the stream. There will also be minor instances of increased air and noise levels, but these will be minimized by ensuring compliance with the provisions of Title II, Administrative Rules, Chapter 43, Community

Noise Control for Oahu. Other mitigating measures will be to limit hours of operation, and requiring all dredging equipment and construction vehicles to be equipped with mufflers.

The project will not affect any existing State or County Land Use Plans. The proposed dredging will alleviate the risk of flooding to valley areas by the removal of the accumulated silt and debris.

Traffic will not be seriously impacted since all work will be conducted from the channel banks on existing service roads and the dredged materials will be removed to an approved disposal site for de-watering.

The proposed dredging work will require a Department of the Army permit, a Conservation District Use Application permit, a Stream Alteration permit, and a Department of Transportation Shore Water permit. In addition, a section 401 Water Quality Certification and a Coastal Zone Management Certification will be required by the Project. The proposed maintenance dredging work is exempt from a Special Management Area permit and from the Shoreline Setback Rules and Regulations (Exhibit C).

The City's Department of Public Works has an ongoing Conservation District Use permit (Exhibit B) and a Department of the Army permit (PODCO-0-GP-82-1-M) (Exhibit D) to perform routine maintenance dredging work for the mouth of Kahalu'u Stream. An investigation will be made with the respective government agencies to verify if these permits can be applied to this project.

The Kahalu'u Lagoon was previously dredged in 1984. Permits required for the earlier dredging work included a Stream Alteration permit (Exhibit A), a Department of the Army permit (PODCO-GP-82-1) and a Department of Transportation Shore Water permit (No. 1706). The proposed maintenance dredging work will be similar in nature to the earlier dredging and the applicant will initiate the same special mitigating measures as identified in 1984 to minimize impacts to the stream proper and Kaneohe Bay. The following measures will be followed:

Mitigation

1. All construction activities within and adjacent to the water will be conducted so as to minimize turbidity and control erosion.
2. Dredging will be performed during low flow, low rainfall, and low tidal periods to minimize the transport of silt and suspended sediment into Kaneohe Bay.

3. Extreme care will be taken to insure that no debris, petroleum products, or other deleterious materials will be allowed to fall, flow, leach or otherwise enter the water.
4. All spoil material destined for land disposal will be de-watered behind silting basins in such a manner as only clear runoff water will be allowed to re-enter the water.
5. All material to be disposed will be accomplished at a suitable, approved upland site.
6. No spoil shall be disposed of on any wetlands or floodplain area.

IV. ALTERNATIVES CONSIDERED

A "No Maintenance Dredging" alternative was considered, but discarded since the purpose of the maintenance dredging is to effectively protect the uplands from injury and property damage due to severe flooding. Also, the impacts to Kaneohe Bay were factored in and it was felt that prolonged delays to the maintenance dredging could result in long term negative impacts to the Kaneohe Bay marine habitat. Programmed maintenance dredging is planned on the basis of every 8-10 years, or sooner if conditions so dictate. This project will continue on the balance of the Kahalu'u Stream which was not dredged in the 1984 program when only the recreational multi-purpose lagoon was dredged.

V. FUNDING AND PHASING

This project is planned for one continuous phase and will take approximately nine months. Funding will be provided by the City and County of Honolulu. Preliminary cost is estimated to be \$3.0 million to dredge approximately 71,000 cubic yards of material.

VI. DETERMINATION, FINDINGS, AND REASONS SUPPORTING DETERMINATION

After completing an assessment of the potential environmental effects of the proposed project and consulting with other governmental agencies, it has been determined that an Environmental Impact Statement (EIS) is not required. Therefore, this document constitutes a Notice of Negative Declaration.

Reasons supporting The Negative Declaration determination are as follows, using as the criteria, the policy, guideline and provisions of Chapters 342, 343, and 344, Hawaii Revised Statutes (HRS).

1. The proposed action will not adversely affect the physical and social environment.
2. There will be no permanent degradation of the existing ambient air and noise levels. During the dredging and hauling operations, air quality and noise levels are expected to be temporarily affected, but these effects will be temporary and minor in nature.
3. No residences or businesses will be displaced by the project.
4. There are no known endangered species of animal or plant within the project limits.
5. There are no known natural, historic, or archaeological sites within the project limits.
6. The project is compatible with the Development Plan Land Use map and the Public Facilities map for Oahu.
7. There are no secondary adverse effects on future development, population and public facilities.
8. The proposed maintenance dredging work will restore the drainage capacity and reduce the risk of injury, disease, and loss of life due to flooding. The dredging work will also provide an improved estuarine habitat.

This Notice of Negative Declaration shall serve to meet the requirements of Chapter 343, HRS.

VII. LIST OF AGENCIES CONSULTED DURING PREPARATION OF THE ENVIRONMENTAL ASSESSMENT

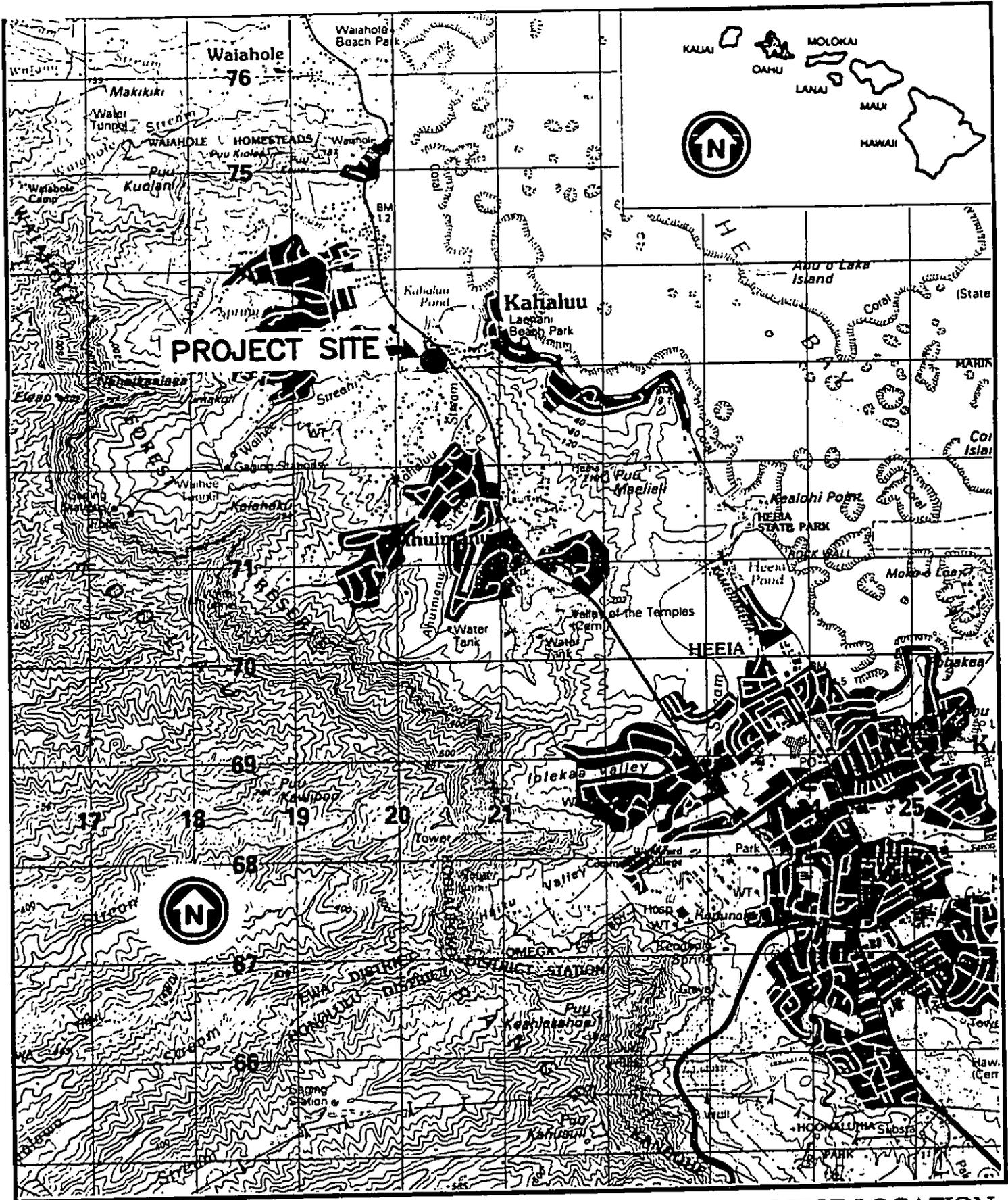
ORGANIZATIONS AND AGENCIES

<u>Agency</u>	<u>Date of Consultation</u>	<u>Date Comment Received</u>
Federal		
✓ U. S. Army Corps of Engineers	04-29-91	05-10-91
U. S. Department of Interior, Fish & Wildlife Service *Telecon with Mr. Andy Yuen (has not completed review; will respond to E.A. document)	04-29-91	12/3/91*
✓ U. S. Department of Agriculture, Soil Conservation Service	04-29-91	06-03-91
State of Hawaii		
✓ Department of Land and Natural Resources	04-29-91	05-20-91
✓ Department of Transportation Division of Harbors	04-29-91	05-28-91
✓ Department of Health Environmental Management Division	04-29-91	05-30-91
✓ Office of State Planning Coastal Zone Management Program	04-29-91	05-20-91
✓ City and County of Honolulu Department of Land Utilization Environmental Affairs Branch	04-29-91	06-26-91
Department of Parks and Recreation	04-29-91	12-9-91
Kahalu'u Neighborhood Board No. 29	11-19-91	12/6/91

VIII. LIST OF PREPARERS

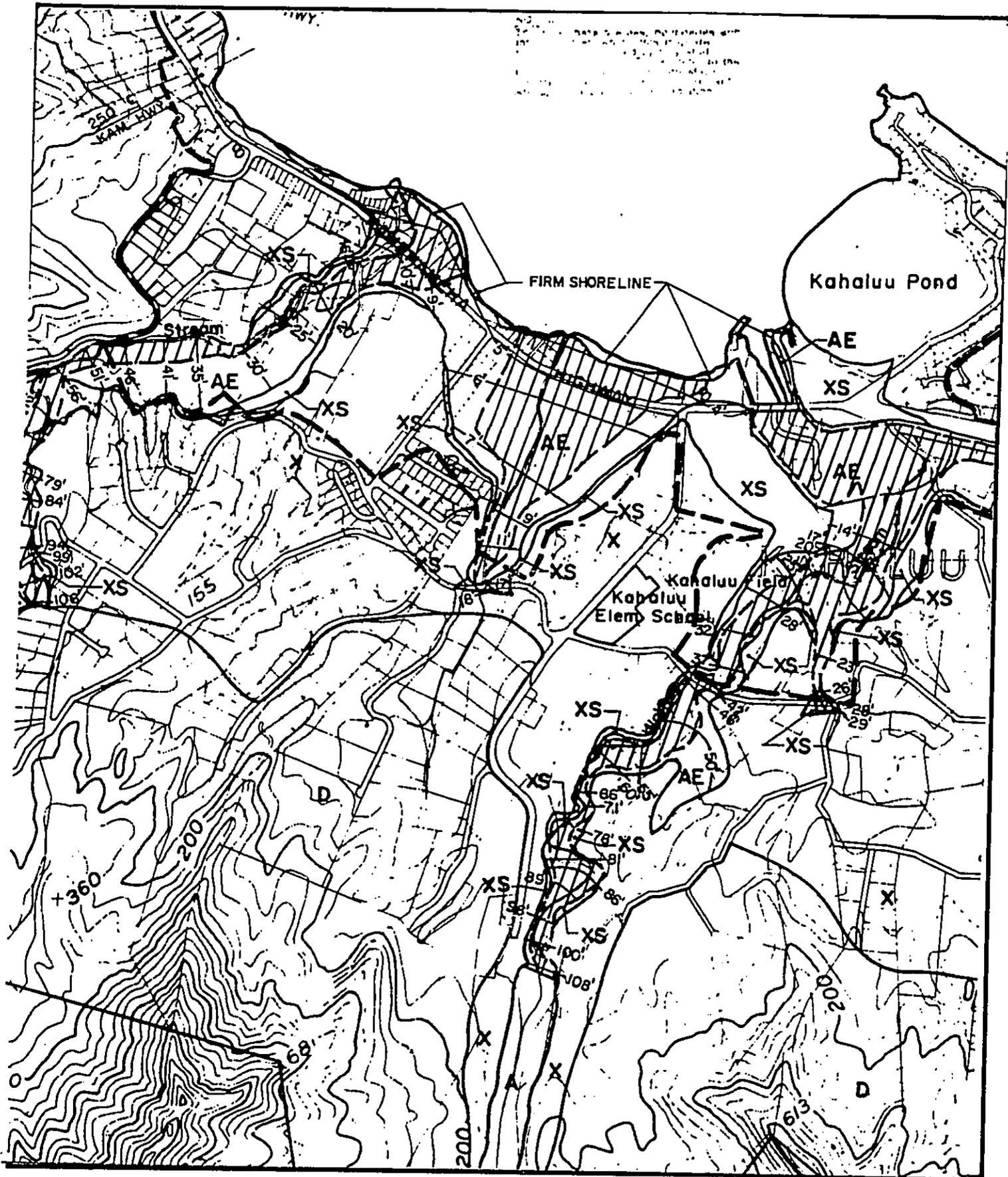
Engineers Surveyors, Hawaii
Project Management, Civil Engineering

Environmental Communications, Inc.
Environmental Assessment



Maintenance Dredging of the Kahalu'u Flood Control Lagoon
and Outlet Channel Project
Oahu, Hawaii

PROJECT LOCATION
FIGURE 1



Maintenance Dredging of the Kahalu'u Flood Control Lagoon
and Outlet Channel Project
Oahu, Hawaii

SMA BOUNDARY MAP

FIGURE 3

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Robert T. Watari
Engineers Surveyors Hawaii, Inc.
Suite No. 1, Building #6
1020 Auahi Street
Honolulu, Hawaii 96814

Subject: Kahaluu Stream Maintenance Dredging
Dear Mr. Watari:

We are herewith transmitting for your use and file is one (1) sample copy of the letter requesting review and comments from the agencies listed below:

Mr. Stanley T. Arakaki, Chief
Operations Branch
U. S. Army Corps of Engineers
Operations Branch, Building 230
Fort Shafter, Oahu, HI 96858-5440
Phone: 438-9258

Mr. Bruce Anderson, Deputy Director
Department of Health
Environmental Management Div.
P. O. Box 3378
Honolulu, HI 96801
Phone: 543-8304

Mr. Andy Yuen
U. Department of Interiors
Fish & Wildlife Service
P. O. Box 50167
Honolulu, HI 96850
Phone: 541-2749

Mr. Douglas S. Y. Tom, Branch Chief
Office of State Planning
Coastal Zone Management Program
State Capitol, Room 406
Honolulu, HI 96813
Phone: 548-3026

U. S. Department of Agriculture
Soil Conservation Service
P. O. Box 50004
Honolulu, HI 96850
Phone: 541-2600 or 541-2667

Mr. Donald A. Clegg, Director
Department of Land Utilization
Environmental Affairs Branch
650 S. King Street
Honolulu, HI 96813
Phone: 523-4077

Mr. Robert T. Watari
Engineers Surveyors Hawaii, Inc.

April 29, 1991
Page 2

Mr. William W. Paly, Chairperson
Department of Land and
Natural Resources
Office of Conservation and
Environmental Affairs
P. O. Box 621
Honolulu, HI 96809
Phone: 548-7837

Mr. Walter Ozawa, Director
Department of Parks and Recreation
650 S. King Street, 10th Floor
Honolulu, HI 96813
Phone: 527-6343

Mr. Calvin Tsuda, Deputy Director
Department of Transportation
Division of Harbors
79 S. Nimitz Highway
Honolulu, HI 96813
Phone: 548-5840

If we may be of any further assistance to you, please let us know.

Yours very truly,

F. J. Rodriguez

F. J. Rodriguez

KC
Enclosure

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Andy Yuen
U. S. Department of Interiors
Fish & Wildlife Service
P. O. Box 50167
Honolulu, Hawaii 96850

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Yuen:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kanehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez
F. J. Rodriguez

FJR:k

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)

1145 FORT STREET SUITE 200 • P O BOX 138 • HONOLULU, HAWAII 96813 • TELEPHONE: 808 337 4381

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Stanley T. Arakaki, Chief
Operations Branch
U. S. Army Corps of Engineers
Operation Branch, Building 230
Fort Shafter, Oahu, Hawaii 96858-5440

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Arakaki:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project (FODCO O-GP-82-1-E 11-17-83) when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kanehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez
F. J. Rodriguez

FJR:k

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)

1145 FORT STREET SUITE 200 • P O BOX 138 • HONOLULU, HAWAII 96813 • TELEPHONE: 808 337 4381

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Calvin Tsuda, Deputy Director
Department of Transportation
Division of Harbors
79 S. Nimitz Highway
Honolulu, Hawaii 96813

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Tsuda:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project (Shorewaters Permit No. 1706 3-21-84) when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez

F. J. Rodriguez

FJR:k

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)

1145 FOOT STREET SUITE 200 • P. O. BOX 5004 • HONOLULU, HAWAII 96813 • TELEPHONE (808) 527-6281

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

U. S. Department of Agriculture
Soil Conservation Service
P. O. Box 50004
Honolulu, Hawaii 96850

Subject: Kahaluu Stream - Maintenance Dredging Project

Gentlemen:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez

F. J. Rodriguez

FJR:k

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)

1145 FOOT STREET SUITE 200 • P. O. BOX 5004 • HONOLULU, HAWAII 96813 • TELEPHONE (808) 527-6281

1069

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. William W. Paty, Chairperson
Department of Land and Natural Resources
Office of Conservation and Environmental Affairs
P.O. Box 621
Honolulu, Hawaii 96809

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Paty:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project (Stream Alteration Permit No. SCAP-OA-1) when maintenance dredging was conducted at the multi-purpose lagoon, this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

There is the possibility that a CDUA will be required for that portion of the dredging beyond the Conservation District boundary. Your advice on this requirement will be greatly appreciated.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Mr. William W. Paty, Chairperson
Department of Land and Natural Resources
Office of Conservation and Environmental Affairs

April 29, 1991
Page 2

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,
F. J. Rodriguez
F. J. Rodriguez

FJR:kic

Enclosure: Preliminary Site Plan

cc Robert Waitari (without enclosure)

6
4

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Douglas S. Y. Tom, Branch Chief
Office of State Planning
Coastal Zone Management Program
State Capitol, Room 406
Honolulu, Hawaii 96813

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Tom:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project (CZM Consistency Certificate 3-2-84) when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez
F. J. Rodriguez

FJR:k

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)

114 FRONT STREET WALL SUITE 208 • P. O. BOX 5138 • HONOLULU, HAWAII 96801 • TELEPHONE (808) 531-0311

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Bruce Anderson, Deputy Director
Department of Health
Environmental Management Division
P.O. Box 3378
Honolulu, Hawaii 96801

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Anderson:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez
F. J. Rodriguez

FJR:k

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)

114 FRONT STREET WALL SUITE 208 • P. O. BOX 5138 • HONOLULU, HAWAII 96801 • TELEPHONE (808) 531-0311

cc

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Donald A. Clegg, Director
Department of Land Utilization
Environmental Affairs Branch
650 S. King Street
Honolulu, Hawaii 96813

Attention: Art Challacombe

Subject: Kahaluu Stream - Maintenance Dredging Project

Gentlemen:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project (SMA Permit Requirements were waived for maintenance dredging) when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez

F. J. Rodriguez

FJR:k
Enclosure: Preliminary Site Plan
cc Robert Watari (without enclosure)

1145 FORT STREET SUITE 200 • P O BOX 134 • HONOLULU, HAWAII 96813 • TELEPHONE: 535-5111 FAX

F. J. RODRIGUEZ
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

April 29, 1991

Mr. Walter Ozawa, Director
Department of Parks and Recreation
650 S. King Street, 10th Floor
Honolulu, Hawaii 96813

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Mr. Ozawa:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,

F. J. Rodriguez

F. J. Rodriguez

FJR:k
Enclosure: Preliminary Site Plan
cc Robert Watari (without enclosure)

1145 FORT STREET SUITE 200 • P O BOX 134 • HONOLULU, HAWAII 96813 • TELEPHONE: 535-5111 FAX

2
0
4



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, HONOLULU
FT. SHAFTER, HAWAII 96831-3400

SENT TO
ATTENTION OF

Operations Division

08 MAY 1991

Mr. Fred J. Rodriguez
Environmental Communications, Inc.
1146 Fort Street Mall, Suite 200
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

This is in response to your letter dated April 29, 1991, regarding the maintenance dredging of Kahaluu Stream and lagoon, Kahaluu, Oahu, Hawaii. Approximately 30-40,000 cubic yards of material would be dredged and dewatered at an adjacent fastland site prior to final disposal.

The City and County of Honolulu was issued General Permit (GP) No. PODCO GP 82-1-E on November 17, 1983. The authorized work was completed in the ensuing months using a hydraulic suction dredge which pumped the dredged slurry to adjacent dewatering ponds, and allowed desilted return waters back into the lagoon. Since that time, the State Department of Health instituted their Section 401 Water Quality Certification program.

Therefore, in accordance with general conditions (b) and (c) of the GP (attached), if similar dredging methods are to be employed by the proposed project, a Section 401 Water Quality Certification from the State of Hawaii, Department of Health, Clean Water Branch, or a waiver of the certification, must be acquired before Department of the Army authorization for the dredging can be issued.

A Conservation District Use Permit from the State of Hawaii Department of Land and Natural Resources, a Special Management Area permit from the City and County of Honolulu Department of Land Utilization and a mooring permit and/or a shorewaters construction permit from the State Harbors Division may also be required for the proposed project.

File No. PODCO GP 82-1-W is assigned to your permit application. Please refer to this number in any future correspondence or contacts with our office.

Sincerely,

Stanley P. Arakaki
Stanley P. Arakaki
Chief, Operations Division

Attachment

Copy Furnished: (w/out attachment)
State Dept of Health, Clean Water Branch, Honolulu, HI



OFFICE OF STATE PLANNING

Office of the Governor

STATE CAPITAL, HONOLULU, HAWAII 96809 TELEPHONE 520-1400

Mr. F. J. Rodriguez
Page 2
May 16, 1991

Ref. No. P-1958

May 16, 1991

Mr. F. J. Rodriguez
President
Environmental Communications, Inc.
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Subject: Hawaii Coastal Zone Management (CZM) Program Federal
Consistency Review for Kahaluu Stream Maintenance Dredging
Project (FC/82-011)

The maintenance dredging proposal to complete the dredging past the lagoon under the Kaneohe Highway bridge and to the estuary outlet into Kaneohe Bay will be reviewed for CZM consistency in conjunction with the Corps of Engineers' Department of the Army permit, if required. The CZM consistency review will evaluate the project in terms of compliance with the objectives and policies of the CZM Program. A copy of our Hawaii Coastal Zone Management Program Federal Consistency Procedures Guide is enclosed for your use.

Items of potential concern are identified below.

1. Siltation as a result of dredging activities. Describe potential impacts from siltation upon Kahaluu Stream and Kaneohe Bay. Mitigation measures such as silt curtains or other similar devices should be considered and information provided.
2. Siltation and hazardous material runoff as a result of dewatering activities. The location and description of the dewatering site should be provided. Mitigation measures should be identified and discussed.
3. Impacts on wildlife and endangered/threatened species, e.g., endangered Hawaiian waterbirds and their habitat.
4. Impacts on stream and marine resources.

CZM consistency approval was previously granted on January 11, 1982, for the Corps of Engineers' General Permit 82-1 for Maintenance Clearing of Rivers, Streams, Storm Drains, and Beach Areas which was issued by the Corps on March 22, 1982. Subsequent to the general permit approval, maintenance dredging at the Kahaluu Stream multi-purpose lagoon was reviewed for CZM consistency. The conditions of the general permit were found to be adequate to ensure consistency with the CZM Program (March 2, 1984).

Thank you for the opportunity to provide our comments. If you have any questions, please call our CZM office at 548-5973.

Sincerely,

Harold S. Hysumoto
Director

Enclosure

cc: U.S. Army Corps of Engineers,
Operations Division
U.S. National Marine Fisheries Service,
Pacific Area Office
Department of Transportation,
Harbors Division
Department of Land and Natural Resources
Department of Land Utilization

MAY 20 1991

JOHN WARD
12-11-88



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HARBORS DIVISION

May 20, 1991

HAR-ED 654.91

EDWARD Y. HIRATA
DIRECTOR
DEPUTY DIRECTORS
AL PANG
JOYCE T. O'NEAL
JEANNE K. SCHULTZ
CALVIN H. TSUDA
BY REPLY REFER TO

Mr. F. J. Rodriguez, President
Environmental Communications, Inc.
1146 Fort Street Hall, Suite 200
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Subject: Kahaluu Stream Maintenance
Dredging Project

We have reviewed the subject maintenance dredging at the Kahaluu Stream, Koolaupoko, Oahu, and have no objection.

Thank you for the opportunity to provide comments.

Very truly yours,

Calvin H. Tauda
Deputy Director for Harbors

UNITED STATES
DEPARTMENT OF
AGRICULTURE

SOIL
CONSERVATION
SERVICE

P. O. BOX 50004
HONOLULU, HAWAII
96850

May 23, 1991

Mr. F. J. Rodriguez
Environmental Communications Inc.
P.O. Box 536
Honolulu, Hawaii 96809

Dear Mr. Rodriguez:

Subject: Proposed maintenance dredging of Kahaluu Stream

We have reviewed the plan for the proposed maintenance dredging of Kahaluu Stream and would like to make the following comments:

We believe that the dewatering and disposal of the proposed spoil material are important issues for this project.

We feel that the Environmental Assessment (EA) should address the procedures and measures designed to mitigate the potential negative water quality impacts of dewatering the spoil materials. We suggest that the project follow only approved dewatering procedures in order to protect the water quality of Kaneohe Bay.

We also believe that disposal of the soil material should follow all provisions of the City and County of Honolulu's grading ordinance. We suggest that the EA identify the proposed spoil disposal sites, amounts and type of material to be disposed, and document the project's procedures for disposal.

Thank you for allowing us to comment on this proposed project. We would appreciate the opportunity to review the draft EA.

Sincerely,

Acting

WARREN H. LEE
State Conservationist

See letter from CAC Honolulu - Parks & Rec. 12-179

MAY 28 1991

JUN 3 1991

Mr. Fred J. Rodriguez
May 22, 1991
Page 2

The application should be submitted to either of the addresses listed under the "Contact Addresses," of the Section 401 WQC Guidelines. Should you have any questions, please contact Mr. Edward Chen of the Engineering Section, Clean Water Branch, at telephone 543-8309.

Sincerely,



BRUCE S. ANDERSON, Ph.D.
Deputy Director for
Environmental Health

EC/r9
Enclosures: Section 401 WQC Guidelines
Section 401 WQC Application Form
Chapter 11-54, Water Quality Standards, HAR
cc: U.S. Army Corps of Engineers, Honolulu District

JOHN C. LUTHE, M.D.
DIRECTOR OF HEALTH

IN REPLY, PLEASE REFER TO:
File: EMO/CWB

Ref. No. 91-2-144X

C0503EC

May 22, 1991



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 509
HONOLULU, HAWAII 96809

Mr. Fred J. Rodriguez, President
Environmental Communications Inc.
1146 Fort Street Mall, Suite 200
P.O. Box 536
Honolulu, HI 96809

Dear Mr. Rodriguez:

Subject: City and County of Honolulu/Department of Public Works
Kahaluu Stream Lagoon Maintenance Dredging Project
Kahaluu, Koolauloa, Oahu

Reference is made to your letter of April 29, 1991 and the U.S. Army Corps of Engineers' (COE) letter addressed to you, dated May 9, 1991.

The discharge of return flows from the proposed dewatering site shall meet the basic criteria as listed in Section 11-54-04 of Chapter 11-54, Water Quality Standards. A copy of the Hawaii Administrative Rules (HAR), Department of Health, Title 11, Chapter 54, Water Quality Standards, is enclosed for your reference.

Best Management Practices are required to prevent pollutants from entering the stream during the construction period or re-entering the stream with the discharge of return flows from the proposed dewatering site. Silt curtain or appropriate silt containment devices may be required to isolate the construction activities and prevent degradation of existing receiving water quality. Therefore, the Department shall require that a pollution control plan be submitted to the Department for approval.

Pursuant to the U.S. Army COE's letter dated May 9, 1991, a Section 401 Water Quality Certification (WQC) or a waiver of the WQC may be required for the proposed project. Enclosed is a copy of the Section 401 WQC Guidelines and Section 401 WQC Application Form. The application form may be used as the application, if desired. In accordance with HAR, Chapter 11-54, an application filing fee in the amount of \$100.00 is required. The filing fee in the form of a cashier's check or money order shall be made payable to the State of Hawaii. Please read the guidelines before completing the application. Any project-related water pollution control plan and receiving water quality monitoring plan should also be submitted as part of the Section 401 WQC application.

MAY 30 1991

ENVIRONMENTAL
COMMUNICATIONS
INC.

F. J. RODRIGUEZ,
PRESIDENT

November 20, 1991

Ms. Amy Luersen
Kahalu'u Neighborhood Board No. 29
47-102 Hui Kelu Place
Kaneohe, Hawaii 96744

Subject: Kahaluu Stream - Maintenance Dredging Project

Dear Chairperson Luersen:

The City and County of Honolulu is planning to conduct maintenance stream dredging at the Kahaluu Stream (See attached Site Plan map). Your review of their proposed plans and comments are requested at this time. We are preparing the Environmental Assessment at the present time and your comments will be included in the document. We are providing for your information, the prior review and approvals granted for this project when maintenance dredging was conducted at the multi-purpose lagoon; this phase of work will complete the dredging work past the lagoon, under the Kamehameha Highway bridge, and to the estuary outlet into Kaneohe Bay.

The estimated amount of dredge spoil material will be approximately 30-40,000 cubic yards of silt, debris, and vegetation. The spoil material will be dewatered at an approved hard ground site, prior to final disposition. The project is anticipated to take between 6-9 months and will adhere to the mitigative conditions outlined in the prior approvals for permits.

Thank you for your attention to this matter and we look forward to hearing from your office in a timely manner. If there are any questions on this project, please feel free to contact our office.

Very truly yours,



F. J. Rodriguez

FJR:kc

Enclosure: Preliminary Site Plan

cc: Robert Watari (without enclosure)



KAHALU'U NEIGHBORHOOD BOARD NO. 29
(Hā'aha'ae, Kaha'ala, Waialeale, Waialeale, Waialeale, Waialeale, Waialeale, Waialeale, Waialeale)

AN KEY PROJECT - 47-000 WAIHEE ROAD - KAHALU'U, HAWAII 96744

"Let us not ever have an unhappy minority; rather, let us build a community consensus."

December 6, 1991

F. J. Rodriguez
 Environmental Communications
 1146 Fort Street, Suite 200
 P.O. Box 536
 Honolulu, HI. 96809

Dear Mr. Rodriguez:

You requested that the Kahalu'u Neighborhood Board #29 review the proposed plans for maintenance dredging of the Kahalu'u Flood Control Lagoon. The Kahalu'u Neighborhood Board is holding a planning meeting for 1992 in December instead of a regular Board meeting so the Board cannot respond formally at this time.

However, we have been actively involved with the Waihe'e Watershed Task Force, a group exploring solutions to the flooding and erosion along Waihe'e stream. They reviewed the letter and site plan you sent to me and have two major comments.

One concern is that when the lagoon is dredged, Waihe'e Stream will increase in velocity to try to "fill up" the lagoon, thereby causing more erosion along the banks of the stream. My understanding is that originally, the flood-control lagoon included riprap along the mouth of the stream to minimize this occurrence. This riprap has been washed away and has not been replaced. We feel that the Environmental Assessment should address this issue and propose mitigative measures.

The other concern is with the location and disposition of the dredge spoil material. We would not want to see the addition of material change the current flow of the stream, perhaps causing flooding in other locations. Questions were also raised as to the length of time the material would be "dewatering" and the final disposition of the material.

Thank you for the opportunity to review this plan. As a community we are concerned with the flood control and the recreational aspects of this project. Please contact me if you have any questions concerning the comments.

Sincerely,

Amy S. Luersen
 Amy S. Luersen, Chair
 Kahalu'u Neighborhood Board # 29

See response letter dated 12-16-91



Oahu's Neighborhood Board System - Established 1973

DEC 11 1991

F. J. RODRIGUEZ,
PRESIDENT

ENVIRONMENTAL
COMMUNICATIONS
INC.

December 16, 1991

Ms. Amy S. Luersen, Chair
Kahalu'u Neighborhood Board No. 29
c/o Key Project
47-200 Waihe'e Road
Kaneohe P.O. Hawaii, 96744

Dear Chair Luersen,

Thank you for your prompt response to our belated request for comments on the proposed Maintenance Dredging of the Kahalu'u Lagoon. Your comments of December 6, 1991 were reviewed by the engineering consultants, Engineering Surveyors Hawaii, Inc. and we provide the following response to your comments:

1. The proposed maintenance dredging will be limited to the original designed invert, and as such, should not increase the velocity in upstream Waihe'e Stream. "Tailwater" conditions (existing water levels within the lagoon) will remain at tidal levels since the basic lagoon levels are influenced by the ocean tides. The proposed maintenance dredging to the original design invert will not alter this surface water elevation.
2. The intent and purpose of this project is to dredge the bottom of the recreational lagoon to its' original designed elevation. As such, there are no provisions for bank lining to control erosion. The City & County of Honolulu and the Soil Conservation Services (SCS) annually inspect for erosion along streams, ponds, etc. and will initiate corrective measures as needed. Currently, the SCS is initiating a project to mitigate erosion along the mauka banks of the Kahalu'u Lagoon. Current information as to the further mitigative measures along the upper stream bank can be obtained from their offices.
3. The dredge spoil will be pumped to a dewatering site at a future park site. The site is outside of the flood prone area and should not affect upper stream water quality. The dewatering process is a temporary situation and spoil material will be removed to a permanent location after drying out.

1146 FORT STREET WALL SUITE 200 • P. O. BOX 1336 • HONOLULU HAWAII 96809 • TELEPHONE (808) 531-0301

Page 2, Kahalu'u Neighborhood Board No. 29
December 16, 1991

Top soil and other suitable materials will be stockpiled at the site for future use by the Department of Parks & Recreation to grade the future park site.

Thank you for your Board's concerns and we look forward to your continuing interest and concern.

Very truly yours,



F. J. Rodriguez

cc: Mr. Robert Watari c/o Engineers Surveyors Hawaii, Inc.

DEPARTMENT OF PARKS AND RECREATION
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET
HONOLULU, HAWAII 96813



FRANK F. FASI
MAYOR

WALTER M. OZAWA
DIRECTOR

ALVIN K.C. AU
DEPUTY DIRECTOR

December 17, 1991

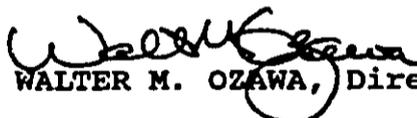
Mr. F. J. Rodriguez
Environmental Communications, Inc.
1146 Fort Street Mall, Suite 200
Honolulu, Hawaii 96813

Dear Mr. Rodriguez:

Subject: Kahaluu Stream Maintenance Dredging Project

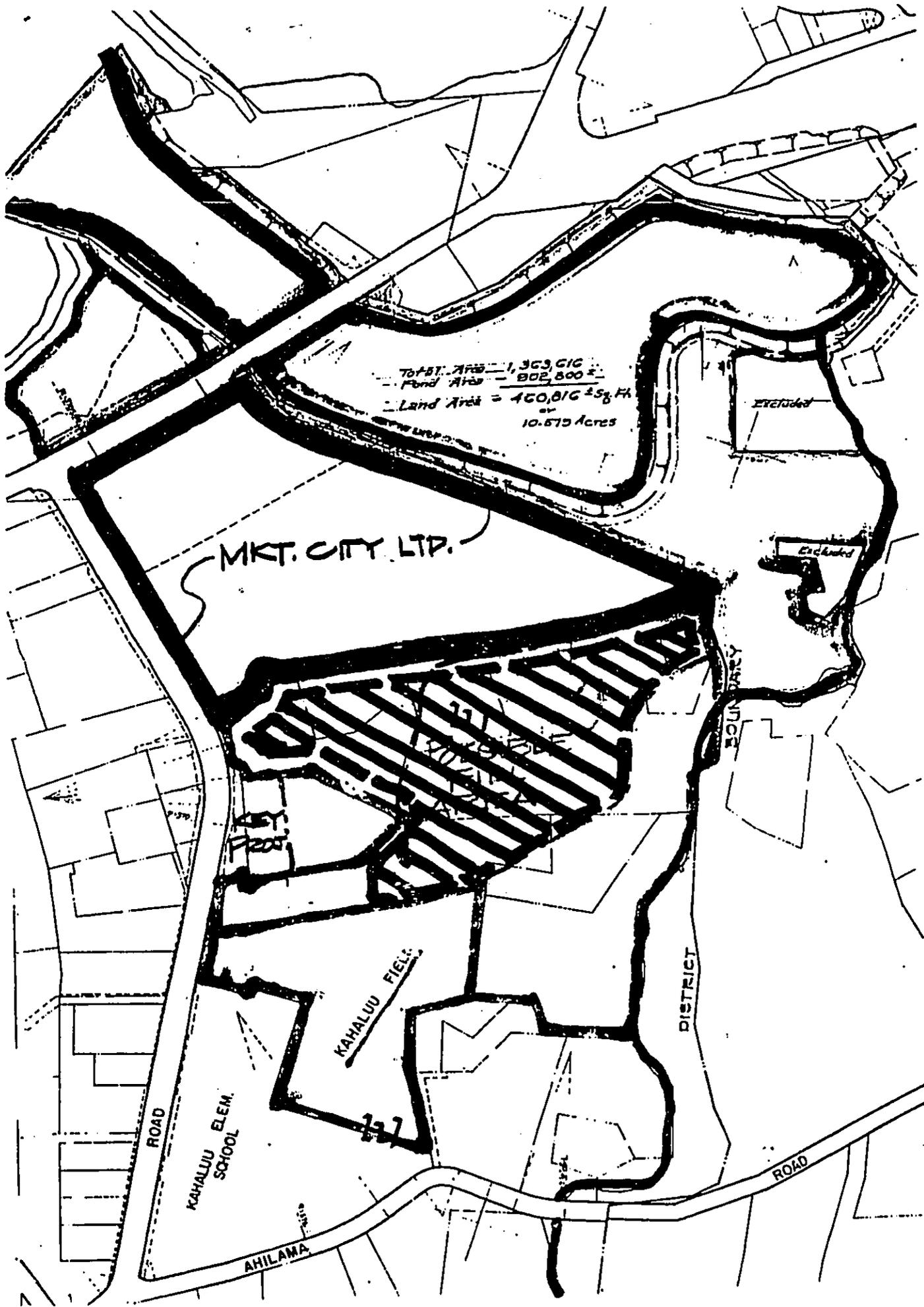
Upon review of the Kahaluu Regional Park properties, the lower areas (the area laying mauka of Market City, Ltd. and townside of the Key Project) would benefit by the addition of 60,000 to 70,000 cubic yards of dredged material from Kahaluu Stream/Lagoon, especially if it could be placed to extend the bluff area behind the Key Project but kept well away from Waihee Stream. The dredged material could be graded in a way that it would appear "natural" and then temporarily seeded to Rye grass or other soil retaining plant material. Eventually, this bluff area would make an excellent location for park buildings that are well above the flood levels of Waihee Stream.

Sincerely,


WALTER M. OZAWA, Director

WMO:ei

DEC 20 1991



Total Area = 1,363,616
Fund Area = 802,800
Land Area = 460,816 ± sq. Ft.
or 10.575 Acres

MKT. CITY LTD.

KAHALUU FIELD

KAHALUU ELEM. SCHOOL

ROAD

AHILAMA

DISTRRICT

ROAD

BOUNDARY ROAD

Excluded

Excluded

EXHIBIT A

chun

JUN 26 1984

Dr. Michael J. Chun
Director and Chief Engineer
Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Dr. Chun:

Application for Stream Channel Alteration
Permit for Maintenance Dredging of the
Kahaluu Stream Multipurpose Lagoon
Kahaluu, Koolaupoko, Oahu, TMK: 4-7-26:23

Your application for a stream channel alteration permit has been approved by the Board of Land and Natural Resources and a permit is issued herewith.

Please note the conditions under which the permit is issued. Enclosed also are copies of a form to report the initiation and completion of the alteration work.

If you have any questions concerning your permit, please contact our instream resource protection program staff at ph. 548-3948.

Very truly yours,

/s/ SUSUMU ONO

SUSUMU ONO
Chairperson of the Board

ETC:SS:ko
Encl.

GEORGE R. ARIYOSHI
GOVERNOR OF HAWAII



SUSUMU ONO, CHAIRMAN
BOARD OF LAND & NATURAL RESOURCES

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

PERMIT
TO ALTER A STREAM CHANNEL

PERMIT NO. SCAP-OA-1 APPLICATION DATE April 30, 1984
APPLICANT City and County of Honolulu, Department of Public Works
PROJECT Maintenance Dredging of Kahaluu Multipurpose Lagoon,
Kahaluu, Oahu, TMK: 4-7-26:23

The applicant is hereby granted a permit to alter a stream channel in accordance with the specifications and plans contained in his application, a copy of which is attached and made a part hereof, subject to the following conditions and limitations:

1. The permit be valid for a period of two years from the Board of Land and Natural Resources' date of approval, May 25, 1984.
2. The applicant will comply with all applicable statutes, ordinances, rules and regulations of the Federal, State, and City and County governments.
3. The applicant will notify the Department of Land and Natural Resources, by letter, of the actual dates of project initiation and project completion.
4. The applicant will comply with all conditions of the U.S. Army Corps of Engineers General Permit, PODCO-O GP 82-1, and requirements stated in the Special Management Area clearance.
5. All mitigation measures specified in Section V of the Notice of Negative Declaration will be adhered to.

Date June 26, 19 84


SUSUMU ONO, Chairperson
Board of Land and Natural Resources

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Kalanimoku Bldg., Rm. 227, 1151 Punchbowl St.
Honolulu, Hawaii 96813

81 APR 30 1984
DIV. OF WATER
LINDA H. FLORES
RECEIVED

APPLICATION FOR PERMIT TO ALTER A STREAM CHANNEL

Instructions: Return completed application to above address or mail to Division of Water and Land Development, P.O. Box 373, Honolulu, Hawaii 96809. Include a nonrefundable filing fee of \$250 made payable to Department of Land and Natural Resources; no fee is required of government agencies and the military. For additional information, telephone 548-7619.

Reference: Chapter 176D, Hawaii Revised Statutes; Administrative Rule 13-167.

1. APPLICANT: City and County of Honolulu Telephone: 523-4341
Address: 650 South King Street
Signature: *Michael J. Chun* Date: APR 26 1984
MICHAEL J. CHUN, DIRECTOR AND CHIEF ENGINEER
2. LANDOWNER: Same as above
Address: _____
Signature: _____ Date: _____
3. STREAM NAME AND LOCATION (attach map showing stream location and access to site of proposed channel alteration):
Kahaluu Stream Multipurpose Lagoon
Kahaluu, Koolaupoko, Oahu
4. DESCRIPTION OF PROPOSED CHANNEL ALTERATION* AND RELATED FACILITIES (attach plans and diagrams as appropriate):
The Kahaluu Stream multipurpose lagoon will be dredged to remove the sediment and silt deposition where the Waihee and Kahaluu Streams discharge into the lagoon before discharging into Kaneohe Bay. The lagoon will be dredged to a depth of approximately (-) 5 feet below mean sea level elevation which will allow for tidal ebb and flow of the Kaneohe Bay waters. It is estimated that approximately 17,000 cubic yards of material will be dredged and removed at an estimated cost of \$340,000.
5. STATEMENT OF PROJECT PURPOSE, DESIRABILITY, AND ENVIRONMENTAL IMPACTS:
The proposed maintenance dredging work is required to restore the drainage capacity and to reduce the risk of injury, disease and loss of life due to flooding. The dredging work will also restore the recreational use and provide an improved estuarine habitat. The maintenance dredging work will not have any significant adverse impact on the environment, except for some temporary unavoidable effects which will occur during the maintenance operations. (See attached negative declaration.)
- (use additional sheets if necessary)

* "Channel Alteration" means (1) to obstruct, diminish, destroy, modify, or relocate a stream channel; (2) to change the direction of flow of water in a stream channel; (3) the placement of any material or structures in a stream channel; and (4) the removal of any material or structures from a stream channel. "Stream Channel" means a natural or artificial watercourse with a definite bed and banks which periodically or continuously contains flowing water.

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Water and Land Development
Honolulu, Hawaii

May 25, 1984

Chairperson and Members
Board of Land and Natural Resources
State of Hawaii
Honolulu, Hawaii

Gentlemen:

Application for Stream Channel Alteration Permit
for Maintenance Dredging of the Kahuluu Stream
Multipurpose Lagoon, Kahuluu, Koolaupoko, Oahu
TMK: 4-7-26:23

Administrative Rule 13-167 for protection of instream uses of water in Windward Oahu requires that no Windward Oahu stream channel shall be altered until an application for a permit to undertake the work has been filed and a permit is issued by the Board.

The City and County of Honolulu, Department of Public Works, proposes to dredge and remove silt, sediment and debris buildup from the Kahuluu Stream Multipurpose Lagoon at the point where Waihee and Kahuluu Streams discharge into the lagoon before discharging into Kaneohe Bay.

The proposed maintenance dredging is required to restore the lagoon drainage capacity to reduce the risk of flooding. Maintenance dredging will also restore recreational use and improve estuarine habitat.

The lagoon will be dredged to a depth of approximately 5 feet below mean sea level to allow for tidal ebb and flow. Beginning approximately 1,000 feet from the Kaneohe Bay shoreline, approximately 17,000 cubic yards of silt and debris will be removed by dredge, crawler crane with dragline, bulldozer, front end loader and dump truck. It should be noted that the area to be dredged may extend beyond the shaded portion shown on Exhibit A, since recent soundings show an accumulation of silt and debris throughout the lagoon area. Dredged materials will be dewatered on vacant property adjacent to the lagoon. Appropriate measures will be used to prevent silt from reentering the lagoon. All work will be done during the drier months of the year.

It is anticipated that periodic maintenance dredging will be required at 8 to 10-year intervals. The initial dredging, jointly funded by the U.S. Soil Conservation Service (SCS) and the City and County of Honolulu is to commence in late summer, 1984, and be fully completed within six months (dredging, dewatering and restoration of the dewatering site).

Approved by the Board of
Land & Natural Resources
at the meeting held on

ITEM D-6

5/25/84

REVIEW: The applicant has obtained a U.S. Army Corps of Engineers permit, PODCO-P GP 82-1-E (a general permit for maintenance dredging), a Special Management Area (SMA) clearance from the City and County of Honolulu, a State Department of Transportation Shore Waters Construction Permit (No. 1706), and a Coastal Zone Program Consistency Certification clearance from the State Department of Planning and Economic Development. The State Department of Health, after a review of preliminary plans, has reserved the right to impose future environmental restrictions on the project at the time final plans are reviewed.

The Department of Land and Natural Resources divisions reviewed the project environmental assessment in November 1983. The divisions agreed with the assessment conclusion that no significant long-term adverse environmental effect is likely, and only a temporary increase in turbidity will occur. They further indicate that some loss of fish, crab, and shrimp is unavoidable; however, these are considered transient occupants of the project site and are expected to reestablish themselves within a short period thereafter. It is also noted that presently aku boat baiting operations at the downstream end of the lagoon are hindered by sediment buildup. Dredging should alleviate the problem. Our Division of Aquatic Resources also requests that it be notified of the actual dates sitework begins and is completed.

ANALYSIS: The lagoon and estuary, constructed for flood control in 1976, provides habitat for tilapia, oopu nakea, frog, crayfish, swordtail guppies, shrimp, crab, mullet, papio and occasionally, nehu. Although no instream flow standard has been set for Kahuluu or Waihee Stream or the lagoon and estuary, the proposed channel alteration will not affect the quantity of water flowing through the lagoon to Kaneohe Bay. No long-term adverse environmental impact is anticipated but the work will temporarily disturb the lagoon and estuary aquatic habitat by increasing turbidity. This effect will be minimized by employing the following mitigation measures, as indicated in the Environmental Assessment.

1. All construction activities within and adjacent to the water will be conducted so as to minimize turbidity and control erosion.
2. Dredging will be performed during low flow, low rainfall and low tidal periods to minimize the transport of silt and suspended sediment into Kaneohe Bay.
3. Extreme care will be taken to insure that no debris, petroleum products, or other deleterious materials be allowed to fall, flow, leach or otherwise enter the water.
4. All spoil material destined for land disposal will be dewatered behind desilting basins in such a manner as only clear sediment-free runoff water will be allowed to reenter the water.

Chairperson and Members

May 25, 1984

5. All material to be disposed will be accomplished at a suitable, approved upland site.
6. No spoil shall be disposed of on any wetlands or floodplain area.

The proposed maintenance dredging will reduce the possibility of flooding, alleviate adverse effects to Kaneohe Bay by providing an area to trap silt and sediment originating in upland areas, enhance the recreational use of the multipurpose lagoon, and facilitate aku boat baiting operations at the downstream end of the lagoon. Clearly the proposed work is in the best interest of the public.

RECOMMENDATION:

That the Board of Land and Natural Resources approve the application for a Stream Channel Alteration Permit for Maintenance Dredging of Kahului Multipurpose Lagoon, TMK: 4-7-26:23, subject to the following conditions:

1. That the permit be valid for a period of two years from the date of approval, May 25, 1984.
2. That the applicant comply with all applicable statutes, ordinances, rules and regulation of the Federal, State, and City and County governments.
3. That the applicant notify the Department of Land and Natural Resources, by letter, of the actual dates of project initiation and project completion.
4. That the applicant comply with all conditions of the U.S. Army Corps of Engineers General Permit, PODCO-0 GP 82-1, and requirements stated in the Special Management Area clearance.
5. That all mitigation measures specified in Section V of the Notice of Negative Declaration be adhered to.

Respectfully submitted,

Robert T. Chuck

ROBERT T. CHUCK
Manager-Chief Engineer

Attach.

APPROVED FOR SUBMITTAL:

S. Ono
SUSUMU ONO, Chairperson

EXHIBIT B

JOHN WAIHEE
GOVERNOR OF HAWAII

RECEIVED
DEPT OF PUBLIC WORKS

DEC 23 10 50 AM '87



ENGR

878508
WILLIAM W. PATY, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES

LIBERT K. LANDGRAF
DEPUTY

AQUACULTURE DEVELOPMENT
PROGRAM
AQUATIC RESOURCES
CONSERVATION AND
ENVIRONMENTAL AFFAIRS
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FORESTRY AND WILDLIFE
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
P. O. BOX 621
HONOLULU, HAWAII 96809

DEC 22 1987

FILE NO.: OA-12/8/87-779A
180-Day Exp. Date: 6/5/88
DOCUMENT NO.: 2206E

RECEIVED
DIV. OF ENGINEERING
DEC 23 3 34 PM '87

Honorable Alfred J. Thiede
Director and Chief Engineer
Department of Public Works
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Thiede:

NOTICE OF ACCEPTANCE AND ENVIRONMENTAL DETERMINATION
Conservation District Use Application
for Stream Clearing and Maintenance at Various
Stream Mouths on Oahu

This acknowledges the receipt and acceptance for processing your application for stream clearing and maintenance at various stream mouths on Oahu, Hawaii.

According to your information, you propose to remove sand from within the streams and along the stream mouth, and spread out the removed sand along the adjoining beach. The proposed work may involve the use of a bulldozer, loader and/or crawler crane.

Your proposed work will involve the following streams:

<u>Stream/Canal</u>	<u>Subzone</u>	<u>TMK</u>
Nanakuli Lined Channel	Resource	8-9-1: 2
Paumalu Stream	Resource	5-9-2: 2
Laiwae Stream	Resource	5-5-9: 11
Laieloa Stream	Resource	5-5-11: 67 & 70
Laieamalo Stream	Resource	5-5-01: 18 & 57
Laie Stream	Resource	5-5-01: 57
Aliinalu Ditch	Resource	5-4-3: 3
Waipilopilo Stream	Resource	5-4-2: 22
Hauula Stream	Resource	5-4-1: 3

Kaluanui Stream	Resource	5-3-9: 47
Hanohano Stream	Resource	5-3-8: 1
Punaluu Stream Branch	Resource	5-3-5
Punaluu Stream	Resource	5-3-3: 1
Lau Place Outlet	Resource/General	5-1-3: 14
Kaaawa Park Ditch	Resource/General	5-1-2: 25
Kalaeoio Stream	Resource/General	5-1-9: 9
Kaaawa Stream	Resource/General	5-1-1: 9
<u>Kahaluu Stream</u>	<u>Resource</u>	<u>4-7-11: 10</u>
Kaneohe Stream	Resource	4-5-30: 47
Oneawa Channel	Resource	4-3-22: 2

After reviewing the application, we find that:

1. The proposed use is a permitted use within the Resource and General subzones of the Conservation District according to Administrative Rules, Title 13, Chapter 2, as amended;
2. No public hearing pursuant to Section 183-41, Hawaii Revised Statutes (HRS), as amended, will be required in that the proposed use is of a non-commercial nature; and
3. In accordance with Title 11, Chapter 200 of the Administrative Rules, you prepared a negative declaration for the proposed action.

As the applicant, please be advised that it will be your responsibility to comply with the provisions of Section 205A-29(b), Hawaii Revised Statutes, relating to Interim Coastal Zone Management (Special Management Area) requirements.

Negative action as required by law, on your application by the Board of Land and Natural Resources can be expected should you fail to obtain from the County thirty (30) days prior to the 180-day expiration date, as noted on the first page of this notice, one of the following:

1. A determination that the proposed development is outside the Special Management Area (SMA);
2. A determination that the proposed development is exempt from the provisions of the county ordinance and/or regulation specific to Section 205A-29(b), HRS; or
3. A Special Management Area (SMA) permit for the proposed development.

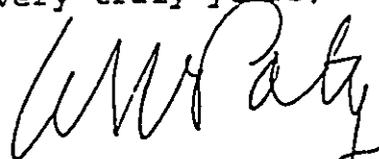
Honorable Alfred J. Thiede

- 3 -

OA-779A

Pending action on your application by the Land Board in the near future, your cooperation and early response to the matters presented herein will be appreciated. Should you have any questions, feel free to contact our Office of Conservation and Environmental Affairs staff at 548-7837.

Very truly yours,



WILLIAM W. PATY, Chairperson
Board of Land and Natural Resources

cc: Oahu Board Member
Oahu Land Agent
C&C Dept. of Land Utilization
C&C Dept. of Parks and Recreation
DOH/OEQC/EC/OHA/DOT-Harbors Division
U.S. Army Corps of Engineers

EXHIBIT C

RECEIVED
DIV OF ENGINEERING

JAN 26 2 07 PM '88

FRANK F. FASI
MAYOR

DEPARTMENT OF LAND UTILIZATION
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET
HONOLULU, HAWAII 96813 • (808) 523-4432

RECEIVED
DEPT OF PUBLIC WORKS

JAN 22 3 35 PM '88



880499

DEP GS
DLB
Rmd cc J25
JOHN P. WHALEN
DIRECTOR
✓ ENGR LUL/88-97 (B&M)

January 22, 1988

MEMORANDUM

TO: ALFRED J. THIEDE, DIRECTOR & CHIEF ENGINEER
DEPARTMENT OF PUBLIC WORKS

FROM: JOHN P. WHALEN, DIRECTOR

SUBJECT: ROUTINE STREAM MOUTH MAINTENANCE WITHIN THE SHORELINE MANAGEMENT
AREA (SMA) AND SHORELINE SETBACK

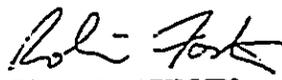
We have reviewed your January 6, 1988 memorandum in which you requested SMA exemption for routine maintenance dredging of existing streams, channels and drainageways.

We have determined the following:

1. The work you are proposing is not defined as "development" under the SMA Ordinance, and is therefore exempt from the SMA Ordinance requirements (Exemption No. 6).
2. The work is also exempt from the Shoreline Setback Rules and Regulations since it comes under Rule 14.6, which states,

"Maintenance and repair work on existing and permitted facilities, whether public or private, shall be exempt from these Rules and Regulations; provided, however, that other applicable codes, ordinances, laws, regulations, or rules are complied with."

You are advised that work seaward of the certified shoreline, and within the shores and shorewaters is not within the City's jurisdiction and may require State and Federal permits. We suggest that you consult with the State Department of Transportation (DOT), Harbors Division; the State Department of Land and Natural Resources (DLNR); and the U. S. Army Corps of Engineers to determine which permits are required.


JOHN P. WHALEN
Director of Land Utilization

JPW:s1
1596B

EXHIBIT D



This notice of authorization must be
conspicuously displayed at the site of work.

United States Army Corps of Engineers

4 SEPT 19 87

A permit to PERFORM MAINTENANCE DREDGING

at 20 STREAM MOUTHS ON OAHU, HAWAII

has been issued to Mr. Alfred J. Thiede
DPW, C & C of Honolulu on 4 SEPT 19 87

Address of Permittee 650 South King Street, Honolulu, HI 96813

Permit Number

PODCO-0 GP 82-1-M


JOHN G. EMMERSON
C, Ops Br, Const-Ops Div
FOR District Engineer



RECEIVED DEPARTMENT OF THE ARMY
 DIV. OF ENGINEERING ARMY ENGINEER DISTRICT, HONOLULU
 HAWAII AFTER, HAWAII 96858-5440

875749

ENGR

SEP 8 11 17 AM '87
 SEP 4 1987

REPLY TO
 ATTENTION OF
 Operations Branch

RECEIVED
 DIVISION OF PUBLIC WORKS
 SEP 10 8 34 AM 1987

NOTICE OF AUTHORIZATION
PODCO-O GP 82-1-M

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

Dear Mr. Thiede:

Your request of June 18, 1987 for authorization to perform maintenance dredging at 20 stream mouths on Oahu, Hawaii, in accordance with the attached drawings (20 sheets), is hereby approved.

The work would involve the dredging of sand, silty sand, debris, rocks, and gravel at the mouths of the streams to minimize the threat of flooding in the upstream areas. Only clean and suitable sand is authorized to be placed on adjacent beach areas above the mean high water line. All work is subject to the terms and conditions of the General Permit No. PODCO-O 82-1 (enclosed). All the necessary authorizations from the State Department of Land and Natural Resources and other County agencies should also be acquired.

Please notify me seven days before the start of each dredging activity. In emergency situations where flooding is imminent, notification by phone will suffice.

Sincerely,


 John G. Emmerson
 Chief, Operations Branch
 Construction-Operations Division

Enclosure

Copies Furnished: (w/drawings)

U.S. Soil Conservation Service, Honolulu, HI
U.S. Nat'l Marine Fisheries Service, Honolulu, HI
U.S. Fish and Wildlife Service, Honolulu, HI
U.S. Environmental Protection Agency, San Francisco, CA
State Harbors Division, Dept of Transp'n, Honolulu, HI
State Dept of Land & Natural Resources, Honolulu, HI
State Dept of Bsns & Econ Devlp, CZM Prog, Honolulu, HI
Dept of Land Util, City & County of Honolulu, HI
State Dept of Health, Envmtl Permits Br, Honolulu, HI



US Army Corps
of Engineers
Honolulu District

Public Notice

Public Notice No. PODCO-O GP 82-1 Date: 12 March 1982

Reply to: District Engineer (PODCO-O) Respond by: N.A.
U.S. Army Corps of Engineers
Building 230
Ft. Shafter, HI 96868

APPROVAL OF GENERAL PERMIT FOR
MAINTENANCE CLEARING OF RIVERS, STREAMS,
STORM DRAINS, AND BEACH AREAS

1. Interested parties are hereby notified that a general permit authorizing the maintenance clearing of rivers, streams, storm drains, and beach areas in the navigable waters of the United States under the jurisdiction of the Honolulu District, is approved effective this date.
2. A copy of the general permit is attached. The specific terms and conditions under which the work can be performed are listed in the general permit.
3. Your attention is invited to the conditions pertaining to the geographic areas of applicability, areas excluded from the general permit, procedures for obtaining approval before starting work, and the need for State, Territorial, and local approvals.
4. A public notice announcing the proposed general permit was issued on 24 December 1981. The notice listed the conditions proposed for the general permit and invited comments from interested parties.
5. All appropriate comments received in response to the notice were incorporated in the general permit and addressed when the permit and the Findings of Fact to support approval of the permit were prepared.
6. Interested parties are invited to submit any additional comments and suggestions to assist us in improving this and other general permits. Written comments should be sent to this District at the address shown in the letterhead and should refer to General Permit PODCO-O GP 82-1. Further information may be obtained from the Operations Branch, Honolulu District, Room 205, Fort Shafter, telephone 438-9258.

1 Incl
Gen Permit PODCO-O GP 82-1

KENNETH E. SPRAGUE
LTC, Corps of Engineers
District Engineer

DEPARTMENT OF THE ARMY
U. S. Army Engineer District, Honolulu
Building 230
Ft. Shafter, Hawaii 96858

Authorization No. General Permit PODCO-O GP 82-1

Effective Date 12 March 1982

Expiration Date (Initial) 12 March 1992

DEPARTMENT OF THE ARMY
GENERAL PERMIT

In accordance with Parts 320, 322, 325, and 329 of Title 33, Code of Federal Regulations, the District Engineer at Honolulu has determined that a general permit should be issued to the general public to perform work in or affecting navigable waters of the United States pursuant to Section 10 of the Rivers and Harbors Act of 3 March 1899 (33 U.S.C. 403).

Therefore, any agency, individual, or group is hereby authorized by the Secretary of the Army to perform maintenance clearing of rivers, streams, storm drains, and beach areas in navigable waters of the United States under jurisdiction of the Honolulu District, subject to the following specifications, limitations, and conditions:

I. APPLICABLE AREAS: Navigable waters of the United States in the State of Hawaii, Territory of Guam, Territory of American Samoa, and Commonwealth of the Northern Mariana Islands, except for the following excluded areas or locations:

- a. Within wetland or mangrove areas, or in any locality or manner that would impair surface flow into or out of any wetland area.
- b. Within close proximity of a public water supply intake, or prime groundwater recharge area.
- c. Within areas of harvestable or concentrated shellfish production.
- d. Within or adjacent to any stream or waterbody included in a Federal or State wild and scenic river system.
- e. Within any stream that drains an undeveloped watershed, or where no property damage or public health problems due to flooding can be demonstrated.
- f. In any stream above, within, or below the boundaries of a wildlife refuge, game management area, or similar facility without written approval by the manager of the facility, or where such work would affect an area designated as critical habitat for threatened or endangered species.

g. Within close proximity of any known historic or archaeological site included in or determined eligible for inclusion in the National Register of Historic Places, unless the appropriate State Historic Preservation Officer has concurred with a determination that the proposal will have no effect on the historic property.

h. Within other waterbodies when the District Engineer determines that the public interest requires regulation through an individual permit.

II. SPECIFICATIONS AND LIMITATIONS OF AUTHORIZED WORK:

a. The maintenance clearing of river and stream mouths and channels, storm drains and similar structures, or beach areas by public agencies, quasi-public agencies, stream owners, riparian property owners, or interested groups and individuals would be authorized by the general permit, including the following activities in tidal waters only:

(1) Removal of shoals, sand plugs, excessive vegetation and debris to restore flow capacities and reduce flooding or other public safety hazards.

(2) Removal of seaweed, rubble or other debris from beach areas to provide safer, more useable beaches.

b. Work performed under the general permit would be subject to the following limitations:

(1) Maintenance clearing of river and stream mouths and storm drains and removal of seaweed, rubble or other debris from beach areas shall not extend more than 100 feet seaward of the Mean High Water (MHW) line.

(2) All spoil material shall be disposed of at an upland site, except that suitable material compatible with adjacent beach areas may be placed on adjacent areas above the MHW line only.

(3) No blasting, new dredging, and permanent or temporary filling shall be permitted under the general permit.

(4) Maintenance clearing activities shall be conducted only during extended periods of low flow and little or no rainfall except in emergencies where there is imminent threat to life or property.

III. GENERAL CONDITIONS:

a. That all activities identified and authorized herein shall be consistent with the terms and conditions of this permit, and that any activities not specifically identified and authorized herein shall constitute a violation of the terms and conditions of this permit which may result in the modification, suspension or revocation of the authorization, in whole or in part, and in the institution of such legal proceedings as the United States Government may consider appropriate.

b. That all activities authorized herein shall, if they involve, during their construction or operation, any discharge of pollutants into waters of the United States or ocean waters, be at all times consistent with applicable water quality standards, effluent limitations and standards of performance, prohibition, pretreatment standards and management practices established pursuant to the Clean Water Act (33 U.S.C. 1344), the Marine Protection, Research and Sanctuaries Act of 1972 (P.L. 92,532, 86 Stat 1052), or pursuant to applicable State and local law.

c. That when the activity authorized herein involves a discharge during its construction or operation, of any pollutant (including dredged or fill material), into waters of the United States, the authorized activity shall, if applicable water quality standards are revised or modified during the term of this permit, be modified, if necessary, to conform with such revised or modified water quality standards within 6 months of the effective date of any revision or modification of water quality standards, or as directed by an implementation plan contained in such revised or modified standards, or within such longer period of time as the District Engineer, in consultation with the Regional Administrator of the Environmental Protection Agency, may determine to be reasonable under the circumstances.

d. The proposed activity will not destroy a threatened or endangered species as identified under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq), or endanger the designated critical habitat of such species.

e. That the permittee agrees to make every reasonable effort to prosecute the construction or operation of the work authorized herein in a manner so as to minimize any adverse impact on fish, wildlife, and natural environmental values.

f. That the permittee agrees that he will prosecute the construction or work authorized herein in a manner so as to minimize any degradation of water quality.

g. That the permittee shall permit the District Engineer or his authorized representative(s) or designee(s) to make periodic inspections at any time deemed necessary in order to assure that the activity being performed under authority of this permit is in accordance with the terms and conditions prescribed herein.

h. That this permit does not convey any property rights, either in real estate or material, or any exclusive privileges; and it does not authorize any injury to property or invasion of rights or any infringement of Federal, State, or local laws or regulations nor does it obviate the requirement to obtain State or local assent required by law for the activity authorized herein.

i. That this permit may be summarily suspended, in whole or in part, upon a finding by the District Engineer that immediate suspension of the activity authorized herein would be in the general public interest. Such suspension shall be effective upon written notice thereof by the District Engineer.

j. That this permit may be either modified, suspended or revoked in whole or in part if the Secretary of the Army or his authorized representative determines that such action would be in the public interest. Any such modification, suspension, or revocation shall become effective after written notice of such action.

k. That in issuing this permit, the Government has relied on available information and data. If, subsequent to the issuance of this permit, such information and data prove to be false, incomplete or inaccurate, this permit may be modified, suspended or revoked, in whole or in part.

l. That any modification, suspension, or revocation of this permit shall not be the basis for any claim for damages against the United States.

m. That this permit does not authorize or approve the construction of particular structures, the authorization or approval of which may require authorization by the Congress or other agencies of the Federal Government.

n. That if and when the permittee desires to abandon the activity authorized herein, he must restore the area to a condition satisfactory to the District Engineer.

o. That there shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein.

IV. SPECIAL CONDITIONS:

a. That this permit does not authorize the interference with any existing or proposed Federal project and that the permittee shall not be entitled to compensation for damage or injury to the structures or work authorized herein which may be caused by or result from existing or future operations undertaken by the United States in the public interest.

b. That no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized by this permit.

c. Authorization of the work by the general permit does not relieve the party planning the work from obtaining any permits, licenses or other approvals required by Federal, State, Territorial, Commonwealth, or local laws and regulations.

d. When the District Engineer is notified with appropriate particularity by either the U.S. Fish and Wildlife Service, the National Marine Fisheries Service or the appropriate local fishery agency that an individual activity, either proposed or ongoing, is detrimental to fish and wildlife resources, the District Engineer will issue a suspension order until an agreement can be reached, or if work is being proposed, it shall be removed from authorization under this general permit.

e. When the District Engineer is notified by a fishery agency that an authorized activity is adversely affecting fish or wildlife resources or the harvest thereof and the District Engineer subsequently directs remedial measures, the permittee shall comply with such direction as may be received to suspend or modify the activity to the extent necessary to mitigate or eliminate the adverse effect.

f. Extreme care shall be taken to insure that no debris, petroleum products, or other deleterious materials be allowed to fall, flow, leach or otherwise enter the water.

g. All project activities in the water shall be done so as to minimize disturbance to the bottom and control turbidity.

h. That during maintenance clearing operations, appropriate measures shall be taken to prevent widespread siltation of adjacent waters and prevent flow of silt-laden waters into any waterway. If turbidity cannot be controlled, silt curtains shall be deployed across channel and river mouths to prevent unnecessary siltation of estuarine and marine habitat.

i. That if items of apparent historical or archaeological interest are discovered during construction, the work shall be stopped in the immediate vicinity, the items left undisturbed, and the appropriate State Historic Preservation Officer and the District Engineer shall be notified immediately.

j. That water quality shall be maintained in accordance with local, state or territorial, and federal standards.

k. The general permit may be revoked by issuance of a public notice at any time the District Engineer determines that the singular or cumulative effects of the activities authorized herein have an adverse effect on the public interest. Following such revocation, any future activities in areas covered by this general permit will be processed as individual permits. Revocation of the general permit would not affect work already completed under its authority.

l. Unless terminated earlier, the expiration date of this general permit will be ten (10) years from the date of the District Engineer's signature. At that time, there will be a reevaluation and review of the environmental effects of the permit. This reevaluation will incorporate the views of the public following issuance of a new public notice and the general permit will be revised or revoked, as appropriate.

V. PROCEDURES FOR WORK AUTHORIZATION:

a. The party proposing work under the general permit will notify the District Engineer of the proposed work at least 30 days before the planned commencement date of the work. The notification will include drawings which show the work, its dimensions, and exact location. The type and quantity of material to be removed, the method of removal, and the disposal site for the spoil material shall also be described.

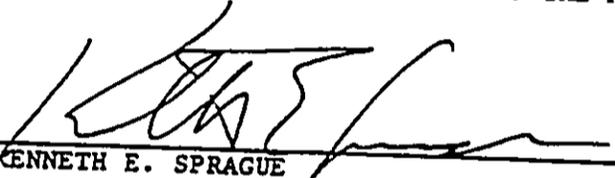
b. The District Engineer will review the request to determine if the proposed work conforms to the conditions of the general permit. If the proposed work conforms to the general permit and adequate information is submitted, the District Engineer will notify the applicant in writing that the work may be performed under the general permit.

c. If the proposed work does not conform to the general permit, the District Engineer will notify the applicant that the application must be processed under the regular permit procedures. The District Engineer will then initiate processing under the regular permit procedures unless additional information is needed.

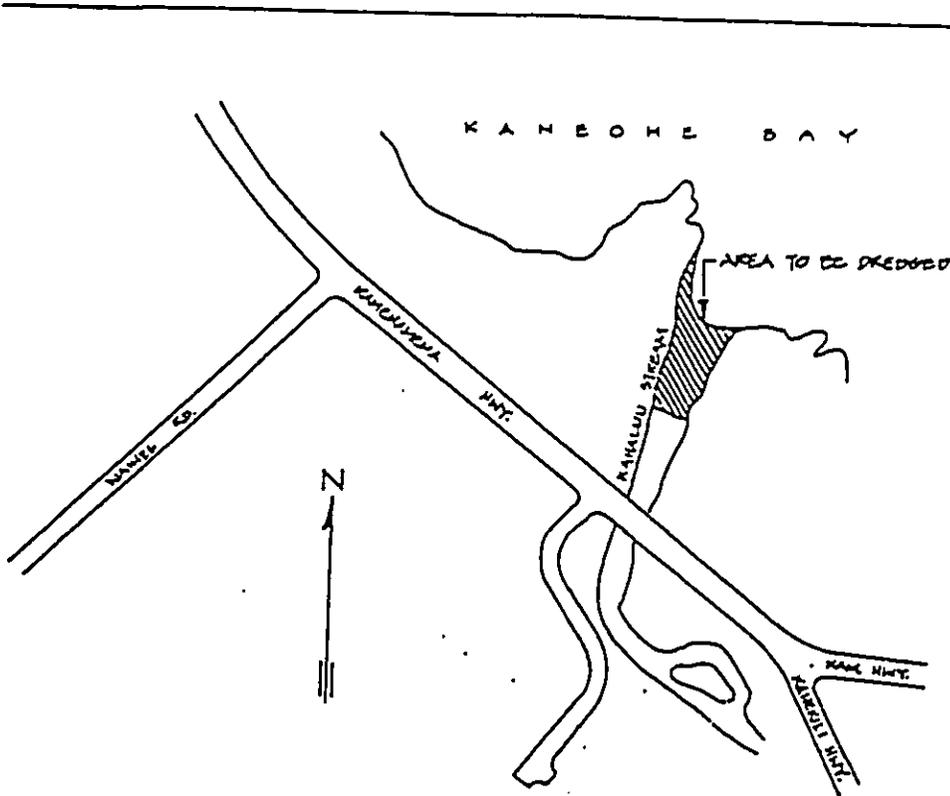
d. The length of time required to process each request under this general permit will be directly related to the adequacy and completeness of the information submitted by the applicant.

This general permit shall become effective on the date of the District Engineer's signature.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

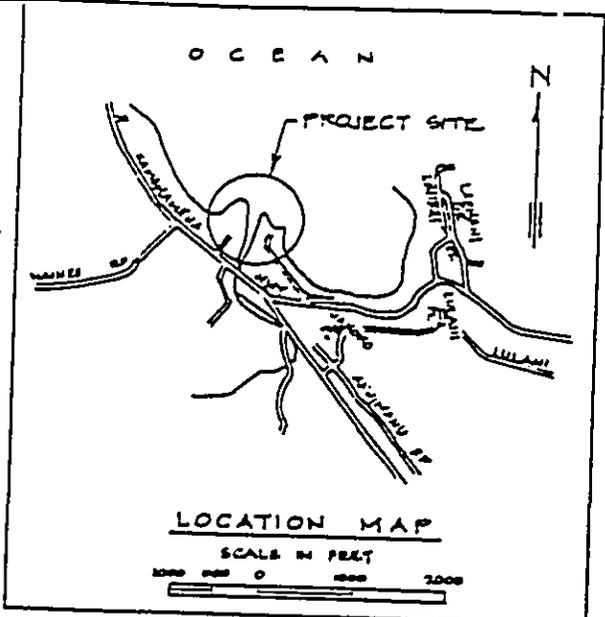
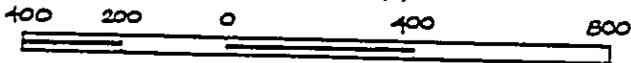

KENNETH E. SPRAGUE
LTC, Corps of Engineers
District Engineer

82 MAR 12
Date



PLAN

SCALE IN FEET

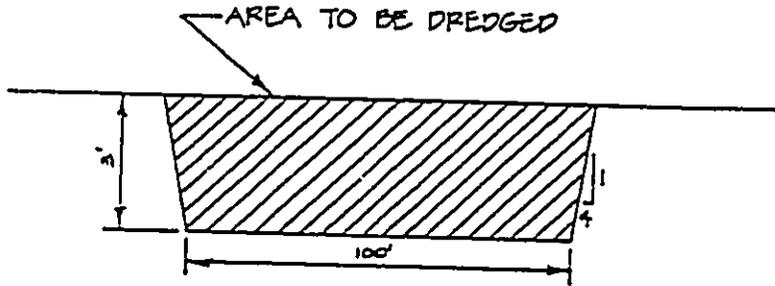


LOCATION MAP

SCALE IN FEET
1000 0 2000

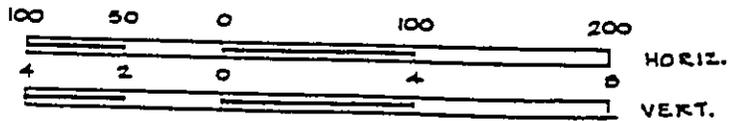
NOTES:

APPROXIMATELY 4,700 CY OF SILT, ROCKS & GRAVEL WILL BE DREDGED BY A CRANE. DREDGED MATERIAL WILL BE DISPOSED OF AT KAILUA LANDFILL.



SECTION

SCALE IN FEET



PROPOSED KAHALUU STREAM
MAINTENANCE DREDGING
IN KAHALUU
AT KOOLAUPOKO
CITY & COUNTY OF HONOLULU
STATE OF HAWAII
APPLICATION BY:
CITY & COUNTY OF HONOLULU

PURPOSE:
STREAM MAINTENANCE
DATUM:
MEAN SEA LEVEL 0.0
ADJACENT PROPERTY
OWNERS:
1. MELTON G. U. LAU
& WIFE ANN M.
2. KAHALUU POND, INC.
3. ALEXANDER & BALDWIN