

ATTACHMENT A-6

Existing Pollution Sources *(Item C.2 of Form C)*

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DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES

INVENTORY PROJECT REPORT

WAIAWA INTERCHANGE
(WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU)

WAIAWA, EWA, OAHU, HAWAII

PROJECT NUMBER H09HI037500

SEPTEMBER 1987

Prepared for:

U.S. Army Corps of Engineers
Pacific Ocean Division
Fort Shafter, Hawaii 96858-5440

Prepared by:

Eugene P. Dashiell, AICP
Planning Services
220 South King Street, Suite 220
Honolulu, Hawaii 96813
(808) 537-9717

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PART I - PROJECT DESCRIPTION

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PART I - PROJECT DESCRIPTION

1. INTRODUCTION

The objective of this study is to document, pursuant to the Defense Environmental Restoration Program (Public Law 99-190), inventory activities regarding the investigation of the possibility of debris, oil or fuel contamination at the site of the War Reserve Gasoline System, Waiawa, Ewa, Oahu, Hawaii. The subject site was originally a U.S. Air Force/U.S. Army installation which included underground fuel pipelines now no longer in use. These pipelines made up a portion of the total War Reserve Gasoline System on Oahu. The subject report describes only the subject site area which included only part of the larger system of aircraft fuel pipelines, pumping stations and underground storage tanks which comprise the War Reserve Gasoline System and which largely serves Honolulu's Hickam Air Force Base. The pipelines in the subject site were disposed of when the pipeline system was rerouted. The War Reserve Gasoline System is an active facility, but not at the subject site. In July, 1987, a representative of POD and a consultant inspected the site to assess the extent or likelihood of debris, oil or fuel contamination on a parcel of land which has been excessed by the U.S. Army/U.S. Air Force. This report describes the findings of that inspection and includes a summation of the history of land use and ownership at the site. Huntsville Division tasked Pacific Ocean Division to conduct an inventory study for the subject project.

2. DESCRIPTION OF PROJECT

No debris, remnants, or contaminants of the original DOD (U.S. Army, U.S. Air Force) facility were observed during the site inspection and no project is recommended. The former DOD (U.S. Army, U.S. Air Force) site consists of five small parcels of land in which an underground fuel pipeline formerly resided and which have now been excessed to the State of Hawaii. Construction of a highway, access roads and overpasses at the site have altered the original topography and no remnants of the former facility could be identified in the excessed parcels of land.

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A portion of the site inspected includes a inoperative pumping station for the War Reserve Gasoline System and the pipelines of the subject report were connected to this pumping station. However, the pumping station itself has not been excessed, but the pumps, valves, hardware and switchgear have been removed from the concrete mounting bases on the site. It should be noted that the pumping station itself, is DOD (U.S. Army, U.S. Air Force) property, and is surrounded by a cyclone-type fence which has deteriorated in several places permitting public access to potentially hazardous concrete valve boxes and underground concrete bunkers. However, because this facility is presently DOD (U.S. Army, U.S. Air Force) property it is not discussed further in this report. If it is excessed in the future it should be evaluated under the DERP.

3. DESCRIPTION OF SITE

A. Site Location

The project site consists of five discontinuous parcels of land in which an underground fuel pipeline resided. The site is in the area of the Waiawa Interchange which includes part of Interstate Highway H-1, Kamehameha Highway and Farrington Highway. It is located in Waiawa, Ewa, Island of Oahu, Hawaii. This site is within 1/4 mile of Pearl Harbor on the south. The site is bounded by Interstate Highway H-1 on the south and by the State of Hawaii's Kamehameha Highway on the north.

B. Public Use of the Site

The site is used by the public who may use any of the public highways which now cover the site.

C. Public Accessibility of the Site

The public has access to the site via the abovementioned highways.

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D. History of Access

The site became publicly accessible upon the date (1965, 1973, and 1976) of disposal of the five land parcels to the State of Hawaii.

E. History of Injuries

There is no record of injuries resulting from DOD (U.S. Army, U.S. Air Force) use of the site.

F. Professional/Official Safety Reports

There do not appear to be any public safety hazards nor do contaminants appear to be present in the site.

G. Condition of Structures When Transferred

The condition of structures at the time of transfer is unrecorded and unknown. The site inspection found no remnants of former DOD (U.S. Army, U.S. Air Force) structures on the disposed site.

H. Climate

This site receives relatively low rainfall of approximately 25 inches per year. The average minimum temperature varies between 60 and 70 degrees F. and the average maximum temperature varies between 80 and 90 degrees F. Winds are typical tradewinds blowing from the northeast about 80 percent of the time at 15 to 25 nautical miles per hour.

I. Air Quality

Air quality is unaffected by the project site as it exists today. In the vicinity of the project site, suspended particulate matter ranges between 13 and 40 micrograms per cubic meter (12 hour average minimum concentration). Carbon monoxide ranges between 0.5 and 10.0 milligrams per cubic meter (average concentrations).

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J. Soils

The soils are typical of this part of Oahu. Based on the universal soils classification, they are called "inceptisols". They have developed from the thin layer of volcanic ash which covers south Oahu. They are composed of sandy-clay and rock and are well-drained.

K. Vegetation

There is no vegetation because the site is paved with asphalt.

L. Wildlife

There are no rare or endangered species at the site. No wildlife was observed. Wildlife is unlikely because of the paved habitat.

M. Archaeology

According to the State of Hawaii's Division of State Parks, Outdoor Recreation and Historic Sites, there are no historic or archaeological sites within the boundaries of the project site.

N. Hydrology

There are no streams, springs, ponds or groundwater sources on the project site. The site is not in any flood hazard area. There are no wetlands on the site. The site is one eighth miles west of Waiawa Stream, a perennial stream.

O. Condition of Facilities

There are no remnants of facilities on the former DOD (U.S. Army, U.S. Air Force) land.

P. Proposed Solution

No solution is proposed because there appears to be no problem of debris or contamination.

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Q. Project Site and Tax Map Key

<u>Tax Map Key</u>	<u>Acres</u>	<u>Present Use</u>	<u>Ownership</u>	<u>Date of Disposal</u>
9-6-03- ¹	1.15	Highways	State of HI	1965, 1973 1976

4. SITE VISITS

Site visits by the following personnel were made to assess the current conditions of the facilities and the project area.

July 24, 1987

Affiliation

Ms. Helene Takemoto

Environmental Section, POD
Fort Shafter, Hawaii

Mr. Eugene P. Dashiell

Planning Services
Honolulu, Hawaii

5. INTERVIEWS

The following persons were interviewed during the course of the investigation.

State of Hawaii

Ms. Joyce Bath, Mr. Dennis Pact

Telephone: 548-7460

Division of State Parks, Outdoor Recreation and Historic Sites, Department of Land and Natural Resources, State of Hawaii.

¹There are no specific parcel numbers listed for this site because the ownership is by the State of Hawaii and the former site is now covered by State Highways. Such parcels are not listed or recorded by parcel number.

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U. S. Government

Mr. Jim Wallace, Mr. Hannibal Junsay
Telephone: 471-3217
Pacific Division (Code 24), Naval Facilities Engineering
Command, Pearl Harbor, HI 96860-7300

Ms. Earlene Willette
Telephone: 449-1971
Air Force Real Estate, 15 ABW/DER, Hickam AFB, HI 96853-5000

Mr. Frank Chung
Telephone: 541-2715
Army Real Estate Division, U.S. Army Corps of Engineers
Federal Building, Honolulu, Hawaii, 96813.

PART 1 - ATTACHMENTS

ATTACHMENT 1 - SITE SURVEY SUMMARY SHEET

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SITE SURVEY SUMMARY SHEET (NEGATIVE REPORT)

SITE NAME: WAIAWA INTERCHANGE (WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU).

LOCATION: WAIAWA, EWA, OAHU, HAWAII

DESCRIPTION OF PROBLEM: Inspection of the site revealed that there is no problem with debris, contaminants or other hazards.

SITE HISTORY: The site was acquired by DOD (U.S. Navy, U.S. Army, U.S. Air Force) in the mid-1940's. The U.S. Army/U.S. Air Force constructed an underground fuel pipeline and an appurtenant fuel pumping station. Facilities at the subject site were part of the War Reserve Gasoline System (an active facility) used to transport fuel between Hickam Air Force Base and underground storage areas in Central Oahu. At the subject site, the pipeline was rerouted due to the construction of Interstate H-1 Highway and related improvements to the Waiawa Interchange, and that portion of the underground fuel pipeline at the subject site was excessed.

AVAILABLE STUDIES AND REPORTS: DERP Inventory project report for Waiawa Interchange (War Reserve Gasoline System, Waiawa, Ewa, Oahu).

CATEGORY OF HAZARD: None.

BASIS OF DETERMINATION OF DOD RESPONSIBILITY: Does not apply because of lack of hazard on the excessed property.

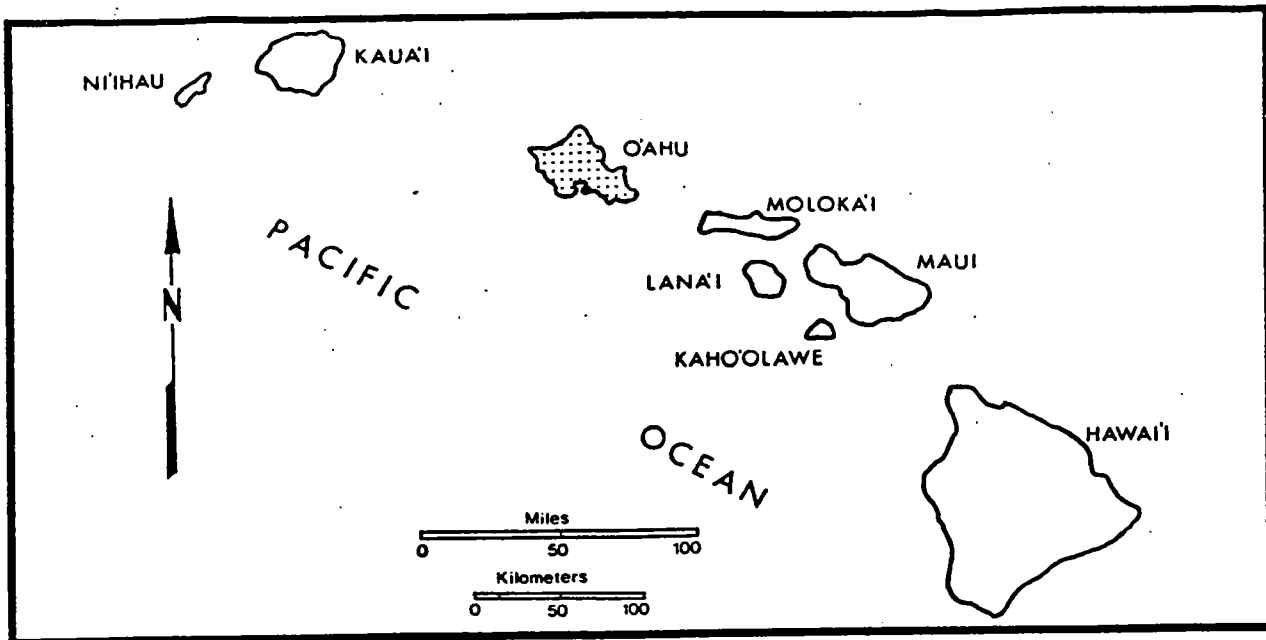
POC/DISTRICT: Ms. Helene Takemoto, CEPD-ED-PV, (808) 438-2263, Honolulu Engineer District, Building T-1, Fort Shafter, Hawaii 96858-5440.

STATUS: The State of Hawaii.

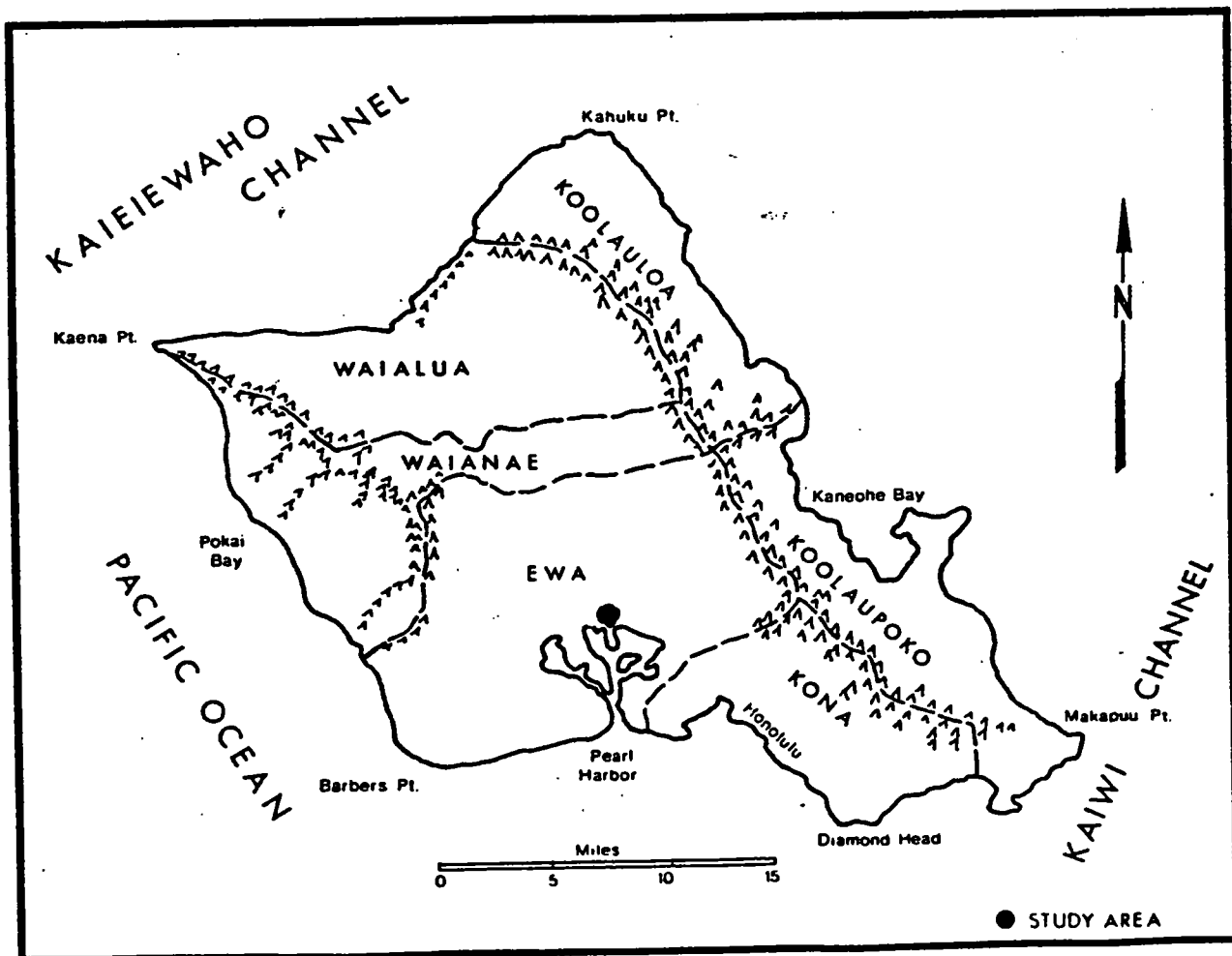
DESCRIPTION OF PROPOSED REMEDIAL ACTION: No remedial action is recommended.

ESTIMATED COST: None.

ATTACHMENT 2 - LOCATION MAP, SITE MAP AND PHOTOGRAPHS



State of Hawai'i



General Location Map, Oahu Island

[illegible]

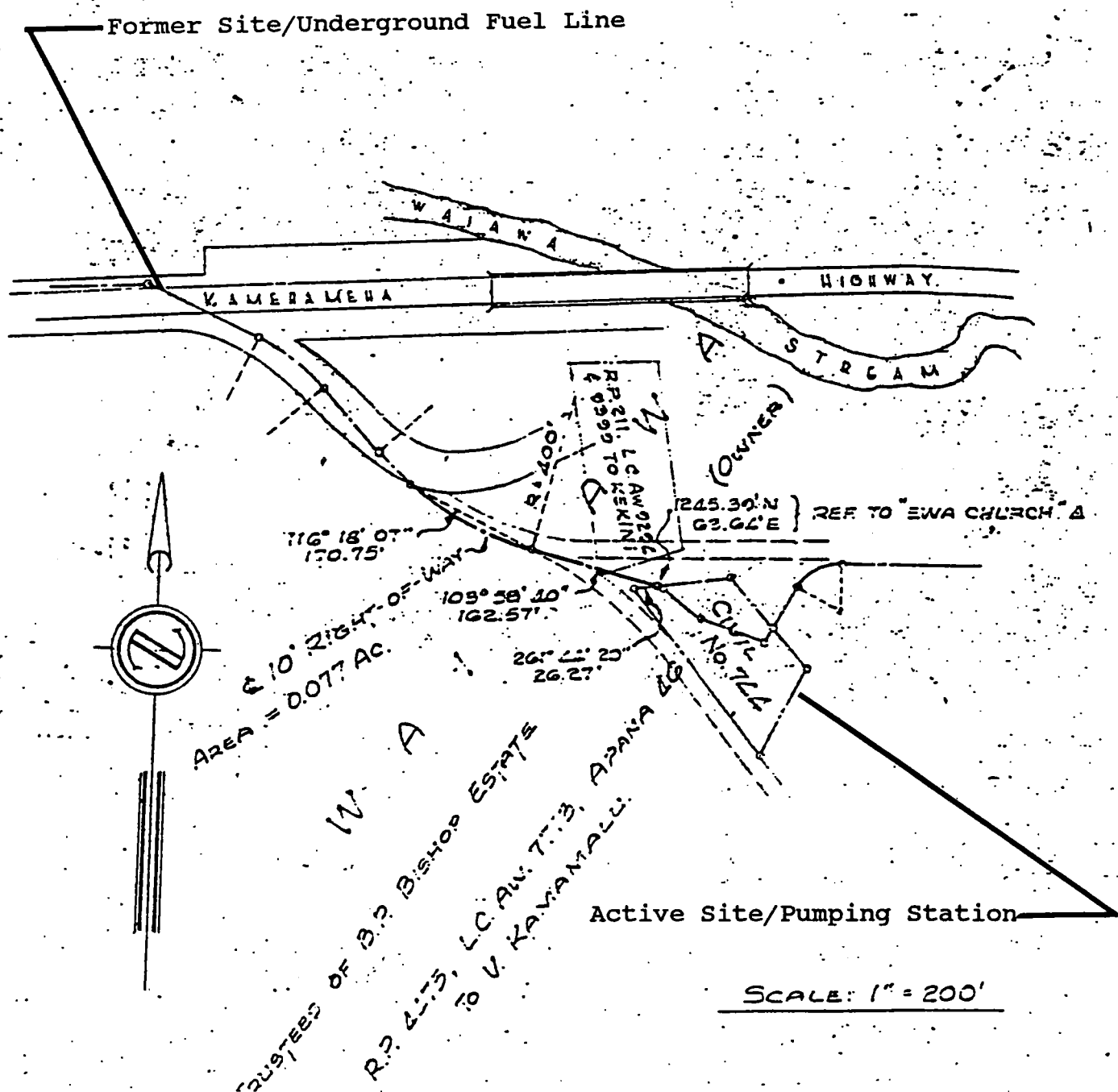
TAXATION MAPS BUREAU		
TERRITORY OF HAWAII		
TAX MAP		
FIRST	DIVISION	
ZONE	SEC.	PLAT
9	6	03
CONTAINING PARCELS		
SCALE 1 in. = 200 ft.		

WAR DEPARTMENT
OFFICE OF THE CHIEF OF ENGINEERS
REAL ESTATE DIVISION

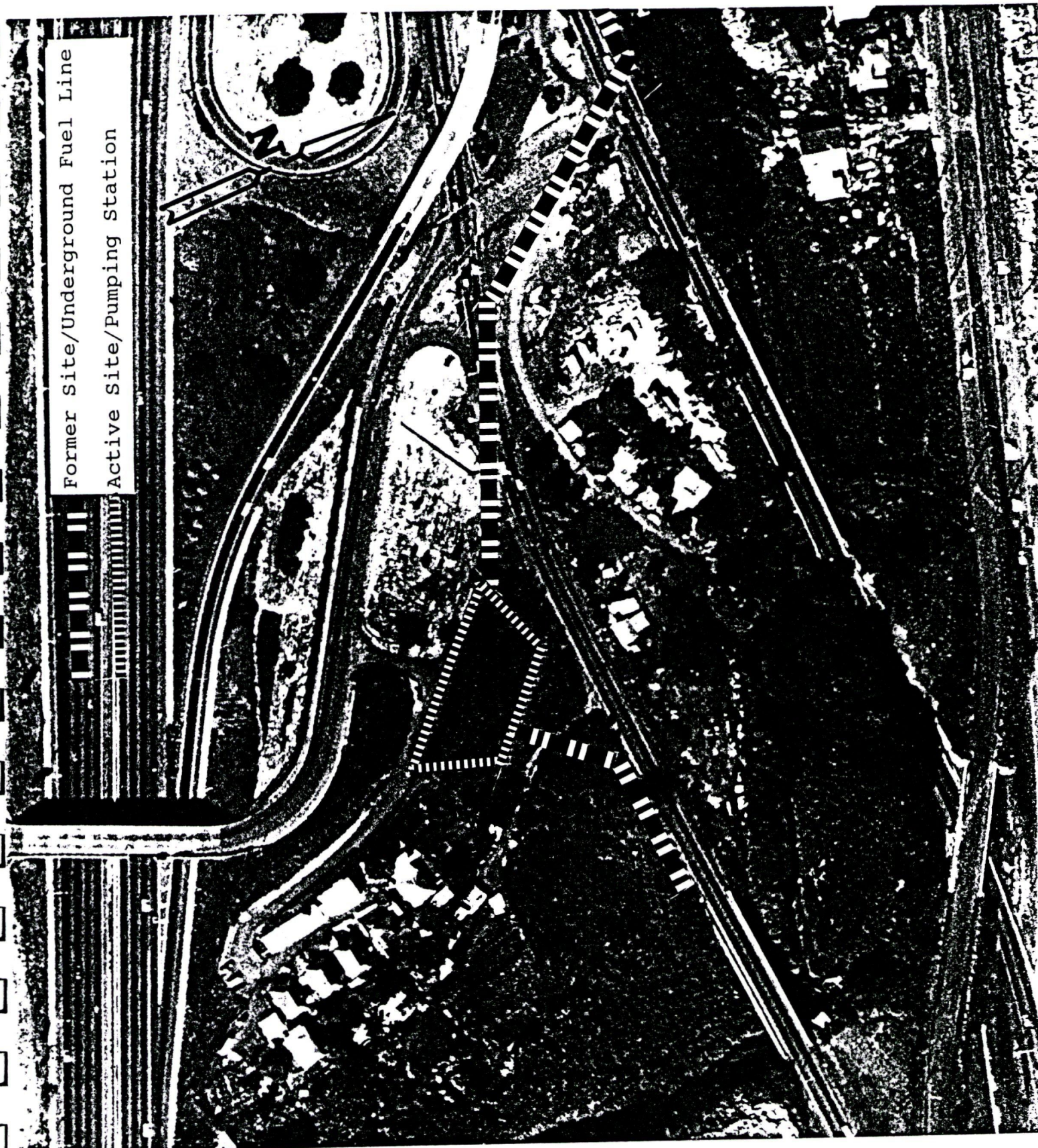
INSOLUBLE & Distribution
PROJECT System
TRACT GS & DS-12

NAME OF OWNER: TRUSTEES OF B.P. BISHOP ESTATE

DESCRIPTION OF TRACT EWA ISLAND OF OAHU TERR OF HAWAII
DISTRICT



MAP OF PROJECT AREA

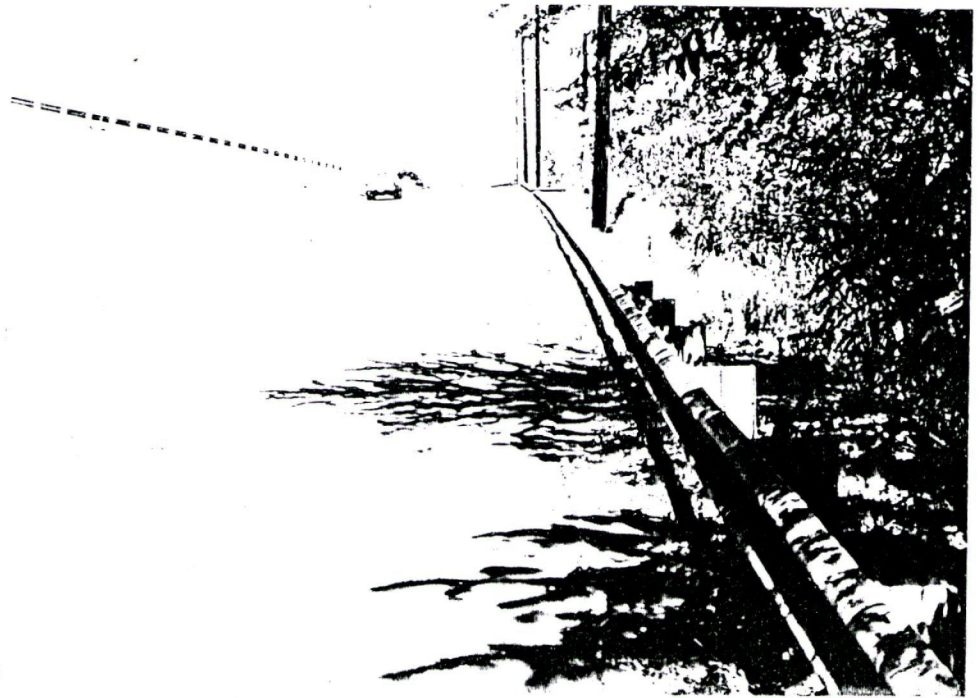


MAP OF PROJECT AREA
APPROXIMATE SCALE: 1 INCH = 500 FEET
DATE OF PHOTO: DECEMBER 7, 1986

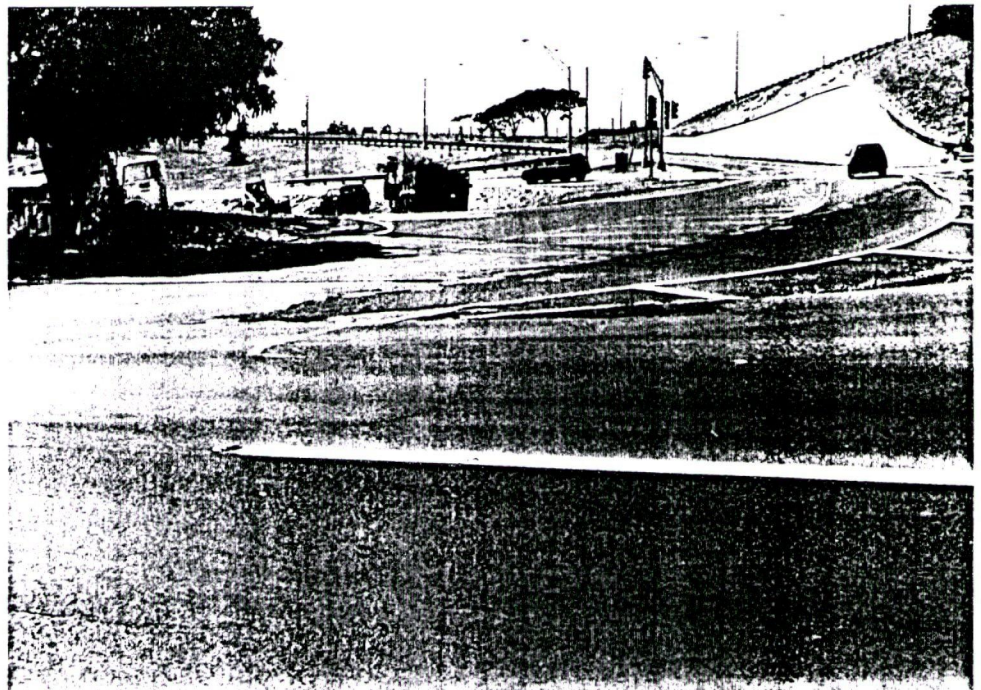


AIR PHOTO OF PROJECT AREA
APPROXIMATE SCALE: 1 INCH = 500 FEET
DATE OF PHOTO: DECEMBER 7, 1986

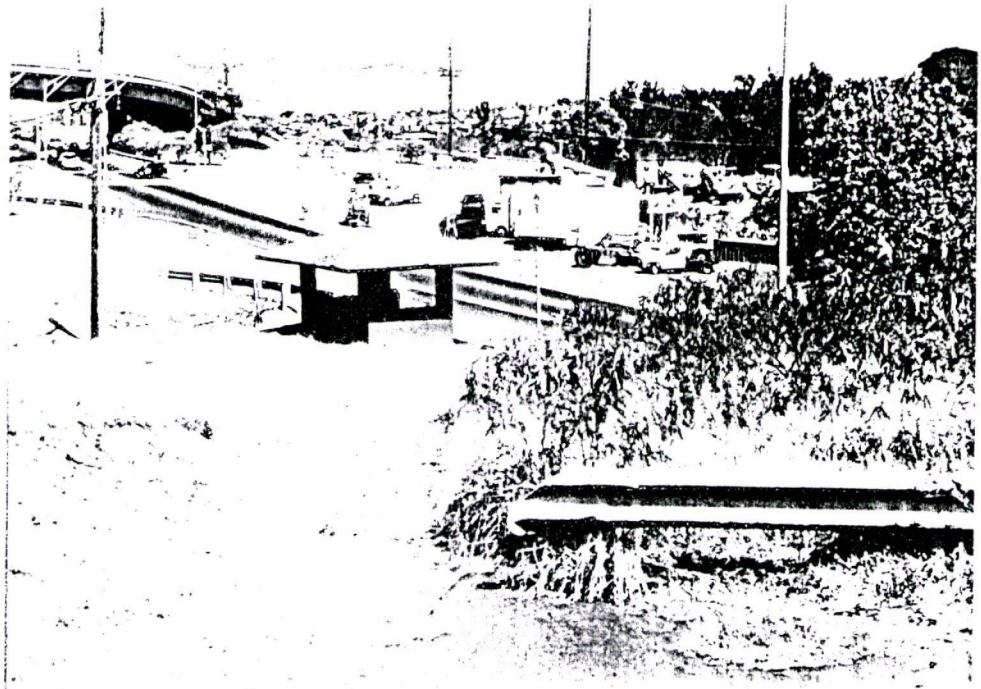
Project Number H09HI037500



LOOKING WEST ON NORTH SHOULDER OF
KAMEHAMEHA HIGHWAY, FORMER PIPELINE
ALIGNMENT APPROXIMATELY UNDER GUARDRAIL
ON RIGHT



LOOKING SOUTH ACROSS KAMEHAMEHA HIGHWAY,
FORMER PIPELINE ALIGNMENT APPROXIMATELY
FROM LOWER RIGHT TO UPPER LEFT



LOOKING NORTH FROM SITE OF PUMPING
STATION, FORMER PIPELINE ALIGNMENT
APPROXIMATELY AT EDGE OF GUARDRAIL IN
FOREGROUND ACROSS HIGHWAY TOWARDS TOP OF
PHOTO



LOOKING EAST ALONG KAMEHAMEHA HIGHWAY,
FORMER PIPELINE ALIGNMENT APPROXIMATELY
ALONG RIGHT SHOULDER OF HIGHWAY IN UPPER
THIRD OF PHOTO

ATTACHMENT 3 - HISTORY OF LAND USE AND OWNERSHIP

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HISTORY OF LAND USE AND OWNERSHIP OF THE PROJECT SITE

Introduction and Land Use. Land use at the subject site consisted of approximately 1,100 lineal feet of underground fuel pipeline, probably 10 inches in diameter, which typically occupied a 10 foot-wide alignment. The pipeline was part of the War Reserve Gasoline System which transports aviation fuel between Hickam Air Force Base (U.S. Air Force) and underground storage tanks in Central Oahu and which is active. The pipeline at the subject site was excessed during construction of the H-1 Interstate Highway and improvements to Waiawa Interchange. A new, rerouted pipeline was constructed in a different alignment to replace the excessed facility.

There is also fuel pumping station which was connected to the underground fuel pipelines at the subject site. The pumping station equipment has been removed leaving only concrete valve boxes, foundations and bunkers. However, the fuel pumping station, known as the Waiawa Booster Pump Station, is on land presently owned by DOD (U.S. Air Force) and therefore is considered an active facility. It is not further discussed in this report.

Acquisition. A portion of the site was part of a parcel of land (61.056 acres) acquired by Declaration of Taking on August 22, 1945 which was known as the Ewa Gasoline Drum Storage, Ewa Junction. The other portions were acquired directly from the original owners.

Disposal. In 1965, 0.18 acres were excessed; in 1973, 0.02 acres were excessed; in 1976, 0.95 acres were excessed. The State of Hawaii became the new owner in each case.

ATTACHMENT 4 - REAL PROPERTY OWNERSHIP RECORD

RECORDATION REQUESTED BY:

AFTER RECORDATION, RETURN TO:

RETURN BY: MAIL () PICKUP ()
REQUESTOR TO FILL ABOVE SPACE ABOVE THIS LINE FOR REGISTRAR'S USE

QUITCLAIM DEED

THIS INDENTURE, made this 2nd day of August, 1965,
between the UNITED STATES OF AMERICA, acting by and through the Secretary of
the Air Force under and pursuant to the Federal Property and Administrative
Services Act of 1949 (63 Stat. 377), as amended, and the delegation of authority
to the Secretary of Defense from the Administrator of the General Services Ad-
ministration (41 CFR 101-47.601), and the redelegation of authority from the
Secretary of Defense to the Secretary of the Air Force (20 Fed. Reg. 7113),
hereinafter called the party of the first part, and the STATE OF HAWAII, herein-
after called the party of the second part,

WITNESSETH: That the party of the first part, by these presents does re-
mise, release, and forever quitclaim unto the party of the second part, its
successors and assigns, all right, title and interest, claim and demand, which
the party of the first part has acquired by virtue of that certain indenture
hereinafter identified, in and to the following described property situate,
lying and being on the Island of Oahu, State of Hawaii, to-wit:

Return of L.A. A-102-E-19 E-2

Land situate at Waiawa, Ewa, Oahu, Hawaii.

PARCEL A

Being a portion of Parcel 12A of Kamehameha Highway FAP No. F7(21) and F9(35), also being a portion of R. P. 4475, L. C. Av. 7713, Apana 46 to V. Kamamalu.

Being a strip of land ten (10) feet wide and extending five (5) feet on each side of the following described center line:

Beginning at the westerly end of this center line, on the southerly boundary of Kamehameha Highway, the coordinates of said point of beginning from Government Survey Triangulation Station "Ewa Church" being 1261.26 feet North and 246.24 feet East, thence running by azimuths measured clockwise from true South:

On a curve to the right with a radius of 60.00 feet, the direct azimuth and distance being:

1. $246^{\circ} 42' 35''$ 44.69 feet;
2. $268^{\circ} 34' 30''$ 462.76 feet to the West boundary of Parcel B-9 of Civil Action 529 and containing 5075 square feet or 0.12 acre, more or less.

Section of Tr A-102-E-1

PARCEL B

Being a portion of Parcel 12 of Kamehameha Highway FAP No. F7(21) and F9(35), also being a portion of R. P. 4475, L. C. Av. 7713, Apana 46 to V. Kamamalu and R. P. 211, L. C. Av. 9294 and 9399 to Kekini:

Being a strip of land ten (10) feet wide and extending five (5) feet on each side of the following described center line:

Beginning at the easterly end of this center line on the southerly boundary of Kamehameha Highway, the coordinates of said point of beginning from Government Survey Triangulation Station "Ewa Church" being 1258.79 feet North and 9.80 feet East, thence running by azimuths measured clockwise from true South:

1. $103^{\circ} 58' 40''$ 107.09 feet;

Thence on a curve to the right with a radius of 400.00 feet, the direct azimuth and distance being:

2. $116^{\circ} 18' 07''$ 170.75 feet to Government Road (Portion of Deed: Trustees of B. P. Bishop Estate to City and County of Honolulu, dated

September 5, 1924, Liber
759, Pages 70 - 72) and con-
taining an area of 2792
square feet or 0.06 acre,
more or less.

Being portions of the same property acquired by the United States of America
under that certain indenture from GEORGE M. COLLINS, JOHN K. CLARKE, FRANK E.
MIDKIFF, EDWIN P. MURRAY and JOSEPH B. POINDEXTER, Trustees under the Will and
of the Estate of Bernice P. Bishop, Deceased, dated December 8, 1948, of record
in the Bureau of Conveyances of the State of Hawaii in Liber 2244, Page 231.
Together with all and singular the tenements, hereditaments and appurtenances
thereunto belonging, or in any wise appertaining, and the reversions, remain-
ders, rents, issues, and profits thereof; and also all estate, right, title,
interest, property, possession, claim and demand whatsoever, in law as well
as in equity, of the party of the first part, of, in, or to the foregoing
premises, and every part and parcel thereof, with the appurtenances.

Said property transferred hereby was duly determined to be surplus, and
was assigned to the Secretary of Defense for disposal pursuant to the Federal
Property and Administrative Services Act of 1949 (63 Stat. 377), as amended,
and applicable rules, orders and regulations.

This transaction is not affected by Title 10, United States Code, Section
2662.

TO HAVE AND TO HOLD all and singular the premises, together with the ap-
purtenances, to the said party of the second part, its successors and assigns,
forever.

IN WITNESS WHEREOF, the party of the first part has caused these presents
to be executed in its name by of the of the ~~authority, Secretary Air Force~~, and the seal of
the Department of the Air Force to be hereunto affixed the day and year first
above written.

UNITED STATES OF AMERICA

By Lewis E. Turner
LEWIS E. TURNER
Deputy for Installations

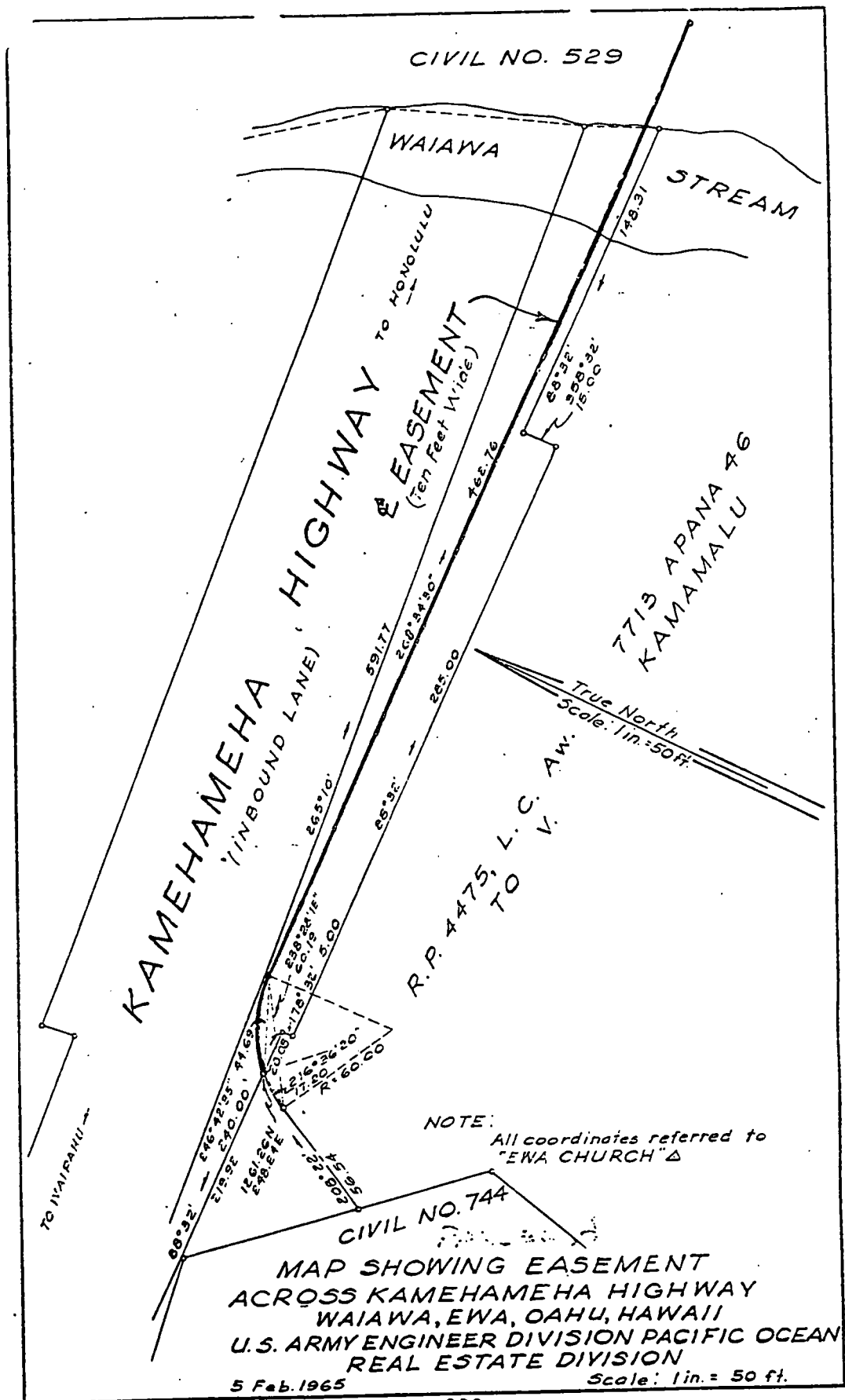
STATE OF VIRGINIA)
) SS
COUNTY OF ARLINGTON)

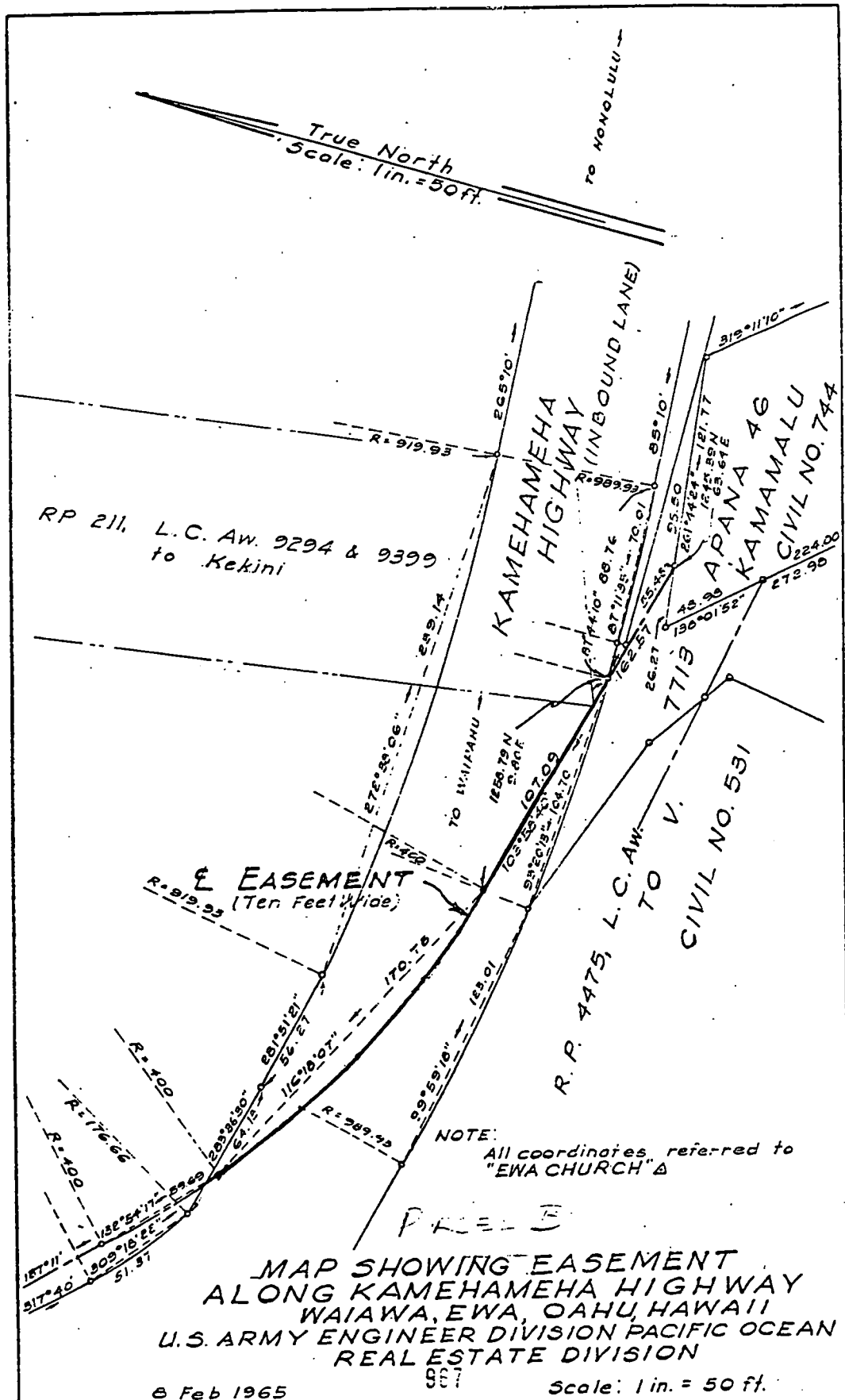
On this 2nd day of August A. D. 1965, before me
Cornelia David, a Notary Public in and for said County and
State, residing therein, duly commissioned and sworn, personally appeared
James E. Turner known to me to be the person whose name is
subscribed to the within instrument, and acknowledged to me that he signed
the same by authority of the Secretary of the Air Force as the free and vol-
untary act and deed of the United States of America for the uses and purposes
therein mentioned.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official
seal the day and year in this certificate first above written.

Cornelia David
NOTARY PUBLIC
ARLINGTON COUNTY, VIRGINIA

My commission expires: December 25, 1967





RECORDATION REQUESTED BY:

U.S. Army Engineer Division,
Pacific Ocean

AFTER RECORDATION, RETURN TO:

U.S. Army Engineer Division,
Pacific Ocean Ph: 5432766

RETURN BY: MAIL () PICKUP (X)
REQUESTOR TO FILL ABOVE

SPACE ABOVE THIS LINE FOR REGISTRAR'S USE

Control No. 130-25

SUPPLEMENTAL AGREEMENT NO. 1
TO
LICENSE AGREEMENT
PROVIDING FOR GOVERNMENT INSTALLATIONS

THIS SUPPLEMENTAL AGREEMENT, made and entered into this 9th day of March, 1973, by and between the STATE OF HAWAII, by its Director of Transportation, hereinafter called the "Licensor", and THE UNITED STATES OF AMERICA, hereinafter called the "Government", WITNESSETH THAT:

WHEREAS, on the 4th day of October, 1963, the parties hereto entered into a license agreement identified as "LICENSE AGREEMENT PROVIDING FOR GOVERNMENT INSTALLATIONS", assigned Control No. 130-25, wherein the Licensor granted the Government a license to use and occupy certain rights-of-way for construction, maintenance, inspection, alteration, replacement, and repair of underground fuel pipelines and/or underground cathodic and anodic cables, including appurtenances and appliances pertaining thereto, across, along, through and under certain portions of the Licensor's properties embracing road rights-of-way, in the District of Ewa, Island of Oahu, State of Hawaii, more particularly described in said license agreement, recorded in the Bureau of Conveyances, State of Hawaii, in Liber 4631 at Page 534, and the original of which being filed with the Assistant Registrar of the Land Court of the State of Hawaii as Document No. 319812; and

WHEREAS, the Government has no further requirement for that certain right-of way and parcel of land described in said license agreement under the caption PARCEL "E" and shown on Exhibit "E" thereto; and

WHEREAS, it is mutually desired to delete the aforesaid Parcel "E" from the operation and effect of said license agreement;

NOW, THEREFORE, the parties hereto do mutually agree as follows:

1. That as of the date first above written, that certain 10 feet wide strip of land containing an area of 0.02 acre, more or less, identified in the "LICENSE AGREEMENT PROVIDING FOR GOVERNMENT INSTALLATIONS", assigned Control No. 130-25, as "Land situated at Waiawa, Ewa, Oahu, Hawaii, Being a portion of Kamehameha Highway", under the caption PARCEL "E" and shown on Exhibit "E" thereto is deleted from the operation and effect of said license agreement.

2. That the Licensor will, as of the date first above written, assume custody and control of the said strip of land and the Government hereafter being relieved from any further responsibility therefor; and does hereby remise, release, and forever discharge the Government, its officers, agents, and employees of and from any and all manner of actions, liability, and claims against the Government, its officers, agents, and employees, which the Licensor now has or ever will have for the restoration of the said strip of land.

3. That the Licensor warrants that no person or selling agency has been employed or retained to solicit or secure this supplemental agreement upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Licensor for the purpose of securing business. For breach or violation of the warranty the Government shall have the right to annul this supplemental agreement without liability or in its discretion to recover from the Licensor the full amount of such commission, percentage, brokerage, or contingent fee.

4. That no member of or delegate to Congress or resident commissioner shall be admitted to any share or part of this agreement or to any benefit that may arise therefrom, but this provision shall not be construed to extend to this agreement if made with a corporation for its general benefit.

5. That, except as hereinabove amended, all provisions of "LICENSE AGREEMENT PROVIDING FOR GOVERNMENT INSTALLATIONS", Control No. 130-25, as amended, remains in full force and effect.

6. This supplemental agreement is not subject to Title 10, United States Code, Section 2662.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their duly authorized representatives as of the day and year first above written.

STATE OF HAWAII

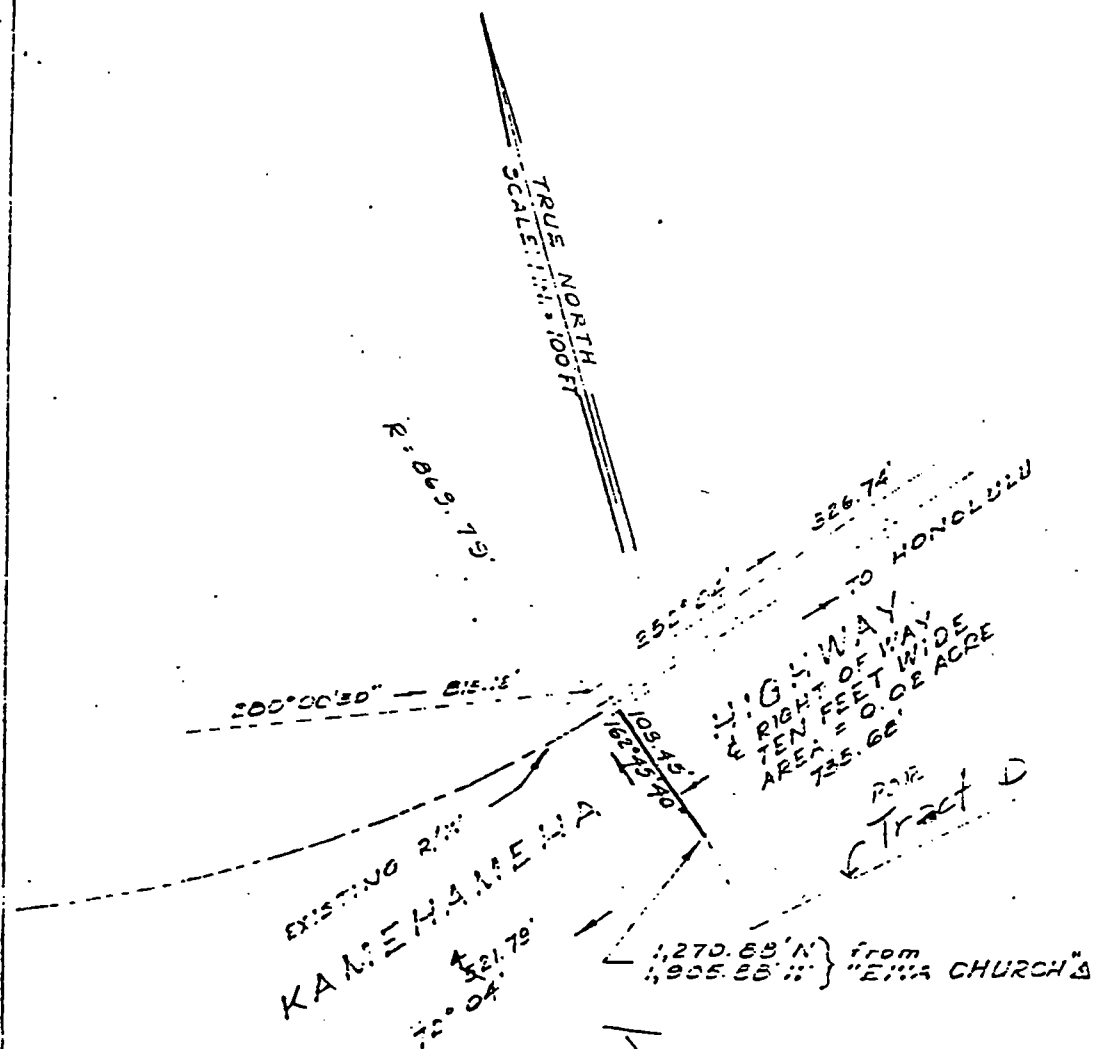
APPROVED AS TO FORM:

[Signature]
[Signature]
[Signature]

By: *E. Alvarez*
 Director, Department of Transportation

THE UNITED STATES OF AMERICA

By: *J. E. Walther*
 J. E. WALTHER
 Chief, Real Estate Division
 U.S. Army Engineer Division, PacOcean
 2 Corps of Engineers



TO KAHANAE

TERMINATE
Portion of Tr. J

MAP SHOWING RIGHT OF WAY
OVER KAMEHAMEHA HIGHWAY
WAIKAWA, EWA, OAHU, HAWAII
U.S. ARMY ENGINEER DIVISION, PACIFIC OCEAN
REAL ESTATE DIVISION
24 JULY 1963 EXHIBIT - "E" SCALE: 1 IN. = 100 FT.

Portion Hickam Petroleum Products
Storage Annex, Oahu, Hawaii
9-D-Haw-526
(STATE OF HAWAII)

NOTICE OF ABANDONMENT

This is to constitute notice of abandonment by the United States of America, of those Pipeline Easements, Parcel 4 and Parcel 5, described as follows:

Pipeline Easements across and under land situated in Oahu, Hawaii described as follows:

Portion of Governor's Executive Order No. 1422, dated 22 March 1951.

Being all of Parcel 4 and a portion of Parcel 5 of Governor's Executive Order No. 1422 and more particularly described as follows:

PARCEL 4 - Easement for Pipeline
Waiawa; Ewa, Oahu

Being that portion of Tract C within the Old Government Road situated on the south side of Kamehameha Highway and west of Waiawa Stream.

Being a strip of land 10 feet wide extending for 5 feet on each side of the centerline described as follows:

Beginning at the southeasterly end of this centerline, on the south side of the Old Government Road, the coordinates of said point of beginning referred to Government Survey Triangulation Station "EWA CHURCH" being 1360.35 feet North and 247.22 feet West, and running by azimuths measured clockwise from True South:

1. On a curve to the right with a radius of 400.00 feet, the chord azimuth and distance being: $132^{\circ} 54' 17''$ 59.69 feet;
2. $137^{\circ} 11' 00''$ 100.56 feet;
3. Thence on a curve to the left with a radius of 250.00 feet, the chord azimuth and distance being: $125^{\circ} 49' 35''$ 98.46 feet;
4. $114^{\circ} 28' 10''$ 36.96 feet to the south side of Kamehameha Highway, the coordinates of said point referred to Government Survey Triangulation Station "EWA CHURCH" being 1547.75 feet North and 472.76 feet West.

AREA 0.068 ACRE

Distributed by: U. S. ARMY ENGINEER DIVISION	
PACIFIC OCEAN	
28 JUN 1976	
Date	
1 of 1	See Source Line

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ATTACHMENT 5 - FIELD INVESTIGATION REPORT

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES
INVENTORY PROJECT REPORT
WAIAWA INTERCHANGE
(WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU)

WAIAWA, EWA, OAHU, HAWAII

PROJECT NUMBER H09HI037500

FIELD INVESTIGATION REPORT

I and Ms. Helene Takemoto inspected the site on July 24, 1987. We drove over the roads which cover the former site. On August 4, I returned to the site and with the aid of an air photo walked over the entire site. I observed no remnants of the former facility.

I observed no sign of any debris or contamination from the subject Facility.

Eugene P. Dashiell, AICP August 5, 1987

ATTACHMENT 6 - ENVIRONMENTAL POLICY CONSIDERATIONS

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES
INVENTORY PROJECT REPORT
· WAIAWA INTERCHANGE
(WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU)

WAIAWA, EWA, OAHU, HAWAII

PROJECT NUMBER H09HI037500

ENVIRONMENTAL POLICY CONSIDERATIONS

There are no environmental policy considerations because a remedial action is not proposed or required.

PART II - FINDINGS AND DETERMINATION OF ELIGIBILITY

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY
WAIAWA INTERCHANGE
(WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU)

WAIAWA, EWA, OAHU, HAWAII

PROJECT NUMBER H09HI037500

(NEGATIVE FDE)

FINDINGS OF FACT

1. The former U.S Army/U.S. Air Force War Reserve Gasoline System, Waiawa, Ewa, is located at the Waiawa Interchange near Pearl City, Oahu, Hawaii.
2. The War Reserve Gasoline System at this location consisted of five 10-foot-wide parcels of land owned in fee or easements which totaled approximately 1,100 lineal feet and which contained an underground fuel pipeline.
3. The name of a portion of the acquired site was the Ewa Gasoline Drum Storage Facility, Ewa, Oahu which was built by the U.S. Navy during and following World War II. The subject site was turned over to the U.S. Army/U.S. Air Force for construction of the underground fuel pipeline. U.S. Army/U.S. Air Force personnel operated the site. Contractors were not used. The site was always under DOD (U.S. Army, U.S. Air Force) control until it was excessed to the State of Hawaii for construction of the H-1 Interstate Highway and related Waiawa Interchange improvements.
4. The subject site, consisting of 1.15 acres was excessed in three separate actions as follows:
 - a) August 2, 1965, 0.18 acres, by Quitclaim Deed, no restrictions, no recapture clauses, no restoration provisions, no intervening owner, current owner - State of Hawaii;
 - b) March 9, 1973, 0.02 acres, by Supplemental Agreement to a License Agreement Providing for Government Installations, no restrictions, no recapture clauses, no restoration provisions, no intervening owner, current owner - State of Hawaii;
 - c) June 28, 1976, 0.95 acres, by Notice of Abandonment, no restrictions, no recapture clauses, no restoration provisions, no intervening owner, current owner - State of Hawaii.

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY
WAIAWA INTERCHANGE
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WAIAWA, EWA, OAHU, HAWAII

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5. The condition of the land and facilities at the times of excess by the U.S. Air Force and the U.S. Army and acquisition by the State of Hawaii are not recorded and are unknown. The current owner (State of Hawaii) has made significant alterations in the original topography due to construction of the H-1 Interstate Highway and improvements to the Waiawa Interchange. There is no evidence of unsafe debris, hazardous or toxic waste or unexploded ordnance resulting from DOD (U.S. Army or U.S Air Force) use of the site.

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
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WAIAWA, EWA, OAHU, HAWAII

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DETERMINATION

Based on the foregoing findings of fact, the site has been determined to be formerly used by DOD (U.S. Army, U.S. Air Force). However, there is no evidence of unsafe conditions resulting from that use. Therefore, it is determined that an environmental restoration project is not an appropriate undertaking within the purview of the Defense Environmental Restoration Program, established under 10 U.S.C. 2701 et seq., for the reasons stated above.

Date

Charles T. Myers
Col, CE
Commanding

PART III - POLICY CONSIDERATIONS

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES
POLICY CONSIDERATIONS
WAIAWA INTERCHANGE
(WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU)

WAIAWA, EWA, OAHU, HAWAII

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Current DOD policy considerations do not affect the determination of project eligibility for hazardous and toxic waste contamination evaluation DERP. However, there are no remaining debris or contaminants on the State of Hawaii-owned parcels of the site. Therefore there is no safety hazard and the parcel of land now owned by the State of Hawaii is not eligible for debris removal.

PART IV - PROJECT RECOMMENDATIONS

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR FORMERLY-USED SITES
PROJECT RECOMMENDATIONS
WAIAWA INTERCHANGE
(WAR RESERVE GASOLINE SYSTEM, WAIAWA, EWA, OAHU)

WAIAWA, EWA, OAHU, HAWAII

PROJECT NUMBER H09HI037500

This project does not qualify as a DERP project because no evidence of hazardous or toxic waste, debris or contaminants was observed on the land which has been excessed and which is now owned by the State of Hawaii. It is recommended that environmental restoration activities be terminated because the present situation poses no hazards.

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