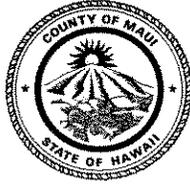


ALAN M. ARAKAWA
Mayor

GILBERT S. COLOMA-AGARAN
Director

MILTON M. ARAKAWA, A.I.C.P.
Deputy Director



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND ENVIRONMENTAL MANAGEMENT
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

RALPH NAGAMINE, L.S., P.E.
Development Services Administration

TRACY TAKAMINE, P.E.
Wastewater Reclamation Division

CARY YAMASHITA, P.E.
Engineering Division

Solid Waste Division

BRIAN HASHIRO, P.E.
Highways Division

January 6, 2005

Genevieve Salmonson, Director
Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

RECEIVED
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OFFICE OF ENVIRONMENTAL
QUALITY CONTROL

Dear Ms. Salmonson:

SUBJECT: FINAL REVISED ENVIRONMENTAL ASSESSMENT (EA) FOR PROPOSED LAHAINA WASTEWATER PUMP STATION NOS. 5 AND 6 - FORCE MAIN IMPROVEMENTS, TMK (2) 3-2-012:001, LAHAINA, MAUI, HAWAII

The County of Maui Department of Public Works and Environmental Management has reviewed the Final Revised Environmental Assessment (EA) for the subject project, and anticipates a Finding of No Significant Impact (FONSI) determination. Please publish the notice of availability for this project in the January 23, 2005 OEQC Environmental Notice.

We have enclosed a completed OEQC Publication form and four (4) copies of the Final Revised EA. No project summary has been included as the project has not changed from that presented in the Draft EA. Please call Matthew Slepik of Munekiyo & Hiraga, Inc. at (808) 244-2015 if you have any questions.

Very truly yours,

GILBERT COLOMA-AGARAN
Director, Department of Public Works and
Environmental Management

GCA:en
Enclosures

2005-01-23 FONSI
LAHAINA WASTEWATER PUMP STATION NOS. 5 AND 6
FORCE MAIN IMPROVEMENT (REVISED)

JAN 23 2005

Revised Final
Environmental Assessment

**LAHAINA WASTEWATER PUMP
STATION NOS. 5 AND 6 -
FORCE MAIN IMPROVEMENTS**

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QUALITY CONTROL

Prepared for:

January 2005

County of Maui,
Department of Public Works
and Environmental Management


MUNEKIYO & HIRAGA, INC.

Revised Final
Environmental Assessment

**LAHAINA WASTEWATER PUMP
STATION NOS. 5 AND 6 -
FORCE MAIN IMPROVEMENTS**

Prepared for:

January 2005

County of Maui,
Department of Public Works
and Environmental Management


MUNEKIYO & HIRAGA, INC.

CONTENTS

I.	PROJECT OVERVIEW	1
A.	PROJECT BACKGROUND	1
B.	PROPOSED REVISIONS	2
II.	AFFECTED ENVIRONMENT, POTENTIAL IMPACTS, AND MITIGATION MEASURES	6
A.	PHYSICAL ENVIRONMENT	6
1.	Land Use	6
2.	Topography and Soils	8
3.	Flood and Coastal Hazards	8
4.	Flora and Fauna	12
5.	Air and Noise Quality	12
6.	Historic, Archaeological and Cultural Resources	13
7.	Scenic and Open Space Resources	14
B.	SOCIO-ECONOMIC ENVIRONMENT	14
C.	INFRASTRUCTURE	15
1.	Roadways	15
2.	Water and Wastewater	16
3.	Drainage	17
4.	Communications and Power	17

III.	RELATIONSHIP TO GOVERNMENTAL PLANS, POLICIES AND CONTROLS	19
A.	STATE LAND USE DISTRICTS	19
B.	MAUI COUNTY GENERAL PLAN	19
C.	WEST MAUI COMMUNITY PLAN	21
D.	COUNTY ZONING	21
E.	COASTAL ZONE MANAGEMENT OBJECTIVES AND POLICIES	23
IV.	SUMMARY OF ADVERSE ENVIRONMENTAL EFFECTS WHICH CANNOT BE AVOIDED	32
V.	ALTERNATIVES TO THE PROPOSED ACTION	33
A.	PREFERRED ALTERNATIVE	33
B.	ORIGINAL PLAN (JUNE 2002) ALTERNATIVE	33
C.	ENGINEERING ALTERNATIVES	33
VI.	IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES	35
VII.	ANTICIPATED DETERMINATION AND FINDINGS AND REASONS SUPPORTING THE DETERMINATION	36
VIII.	LIST OF PERMITS AND APPROVALS	41
IX.	AGENCIES CONTACTED DURING THE PREPARATION OF THE REVISED DRAFT ENVIRONMENTAL ASSESSMENT, COMMENTS RECEIVED AND RESPONSES TO SUBSTANTIVE COMMENTS	42
X.	LETTERS RECEIVED DURING THE DRAFT ENVIRONMENTAL ASSESSMENT PUBLIC COMMENT PERIOD AND TO SUBSTANTIVE COMMENTS	69
	REFERENCES	

APPENDIX A - State Historic Preservation Division Letter Dated November
30, 2004

LIST OF FIGURES

1	Regional Location Map	3
2	Revised System Plan	4
3	Photographs of Sewerline Route Along Honoapiilani Highway	7
4	Soil Association Map	9
5	Soil Classification Map	10
6	Flood Insurance Rate Map	11
7	State Land Use District Classifications	20
8	Community Plan Land Use Designations	22

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Executive Summary

Project Name: Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main Improvements

Type of Document: Revised Final Environmental Assessment

Legal Authority: Chapter 343, Hawaii Revised Statutes

Agency Determination: Anticipated FONSI

Applicable Environmental Assessment review "trigger": Use of State and County Lands and Funds; work within the Lahaina National Historic Landmark

Location: Maui Island
Lahaina Town, Lahaina District
TMK: (2) 3-2-012:001

Proposing Agency: County of Maui
Department of Public Works and Environmental Management
200 South High Street
Wailuku, Hawaii 96793

Determination Agency: Same as above
Contact: Gilbert Coloma-Agaran, Director
Phone: (808) 270-7845

Consultant: Munekiyo & Hiraga, Inc.
305 High Street
Wailuku, Hawaii 96793
Contact: Matthew M. Slepik
Phone: (808) 244-2015

Project Summary: The County of Maui, Department of Public Works and Environmental Management is proposing improvements to the Lahaina Wastewater Pump Station Nos. 5 and 6. These include both replacing existing lines and installing new lines so as to install approximately 5,550 lineal feet of 10-inch polyvinylchloride (PVC) force main and 1,400 lineal feet of 12-inch gravity line. The project was previously proposed and a Finding of No Significant Impact was published. The project alignment has

been modified which, along with other, non-substantive modifications, requires this Revised Environmental Assessment.

Chapter 1

Project Overview

I. PROJECT OVERVIEW

A. PROJECT BACKGROUND

In 2002, an Environmental Assessment (EA) was processed on behalf of the County of Maui, Department of Public Works and Environmental Management (DPWEM), for proposed force main improvements for Wastewater Pump Station Nos. 5 and 6 in Lahaina, Maui. The proposed improvements involved the installation of a new force main within the County roadway rights-of-way along Shaw Street and portions of Front and Dickenson Streets. Work would also be done along Mill Street, a road owned by Pioneer Mill Company, and within the Honoapiilani Highway right-of-way, a State facility. The project included replacing an existing 12-inch force main with a 16-inch force main, replacing a cast-iron force main with one of newer materials, and redirecting the route of the wastewater system. Additionally, the project involved upgrading the pump stations with new motors and pumps, necessary for pumping the wastewater along its new route.

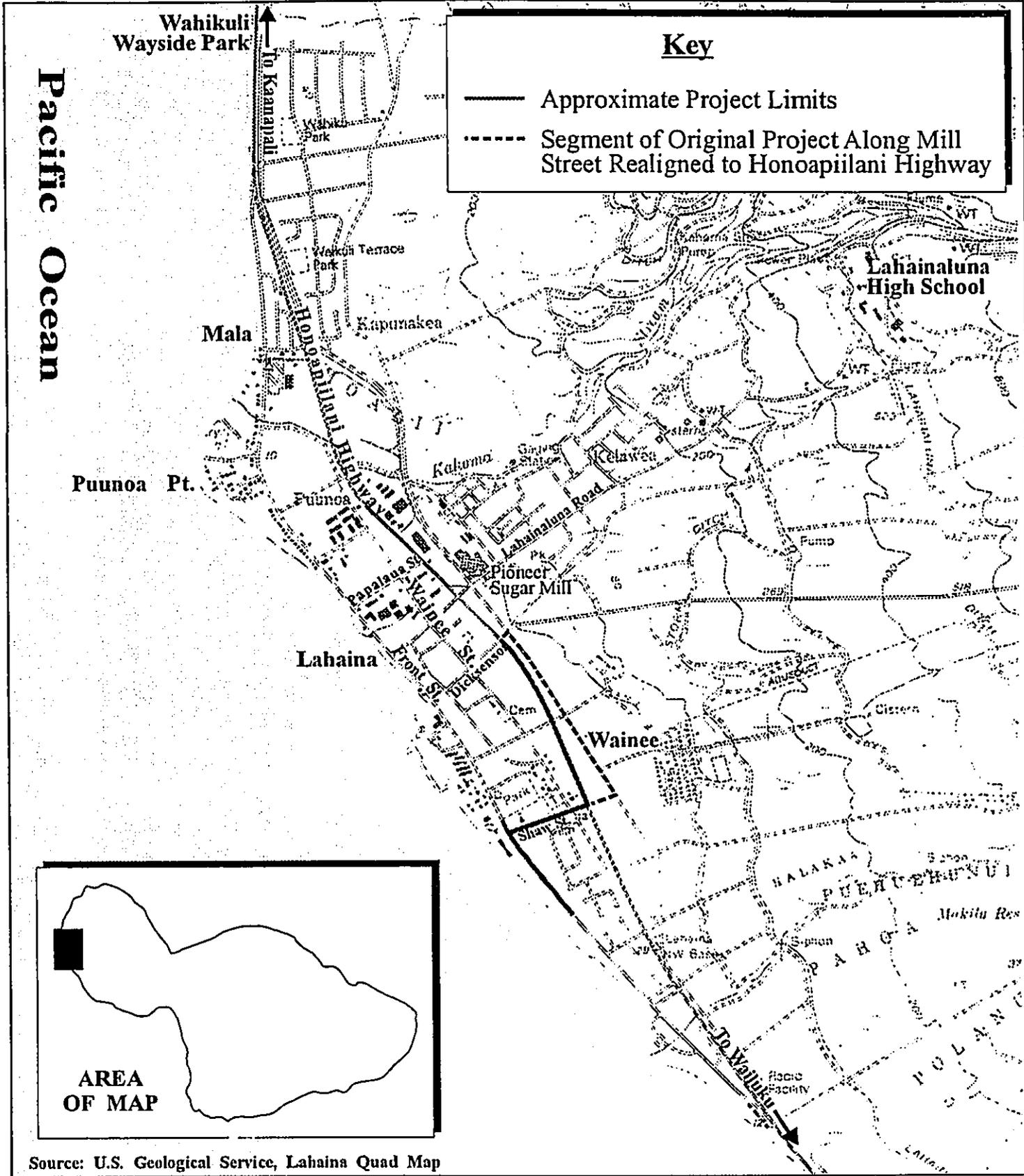
On October 8, 2002, the Bulletin of the Office of Environmental Quality Control published a Finding of No Significant Impact (FONSI) for the project. The triggers for the 2002 environmental assessment were the use of State and County rights-of-way (local streets and crossing of Honoapiilani Highway), use of County funding, and the project's location within the Lahaina National Historic Landmark District. However, since the issuance of the FONSI, the project has been modified. Due to land title constraints for the 16-inch force main segment of the project that would have been installed along the Mill Street right-of-way, the project has been redesigned so as to follow the Honoapiilani Highway right-of-way and County lands fronting the highway instead. Other non-substantive modifications to the design will permit the system to function more efficiently.

Inasmuch as the scope of the project has been modified, the proposing and determination agency, the DPWEM, has concluded that a revised EA should be prepared to address the new project alignment which will now follow Honoapiilani Highway instead of the initially proposed alignment along Mill Street.

B. PROPOSED REVISIONS

The revised plan would route the proposed 16-inch force main along Honoapiilani Highway, instead of along Mill Street. See Figure 1 and Figure 2. This alignment traverses both the State highway right-of-way (at the north end of the realignment corridor) and County lands fronting the highway (at the south end of the realignment corridor). The realignment would remove the land title difficulties of the approved plan. The proposed modification to this segment of the project will involve the total installation of approximately 6,300 lineal feet (LF) of sewer line.

It is noted that the original project involved replacing the existing 12-inch cast iron force main between Pump Station Nos. 5 and 6 with a new 12-inch and 16-inch polyvinylchloride (PVC) force main. The 12-inch and 16-inch PVC force main originally proposed will now be replaced with approximately 550 lineal feet of 10-inch PVC force main and 1,400 lineal feet of 12-inch gravity line. The replacement of the 12-inch and 16-inch force main with the 10-inch force main and 12-inch gravity line, respectively, occurs within the limits of work previously described in the 2002 EA. There are no anticipated differences in project impacts attributed to the line size revisions, as the limits and scope of construction and operational results do not differ from what was described in the 2002 EA. Other elements of the project, as describe in the 2002 EA remain unchanged. The estimated project cost, as set forth in the 2002 EA was \$2.5 million. The proposed realignment will not significantly alter

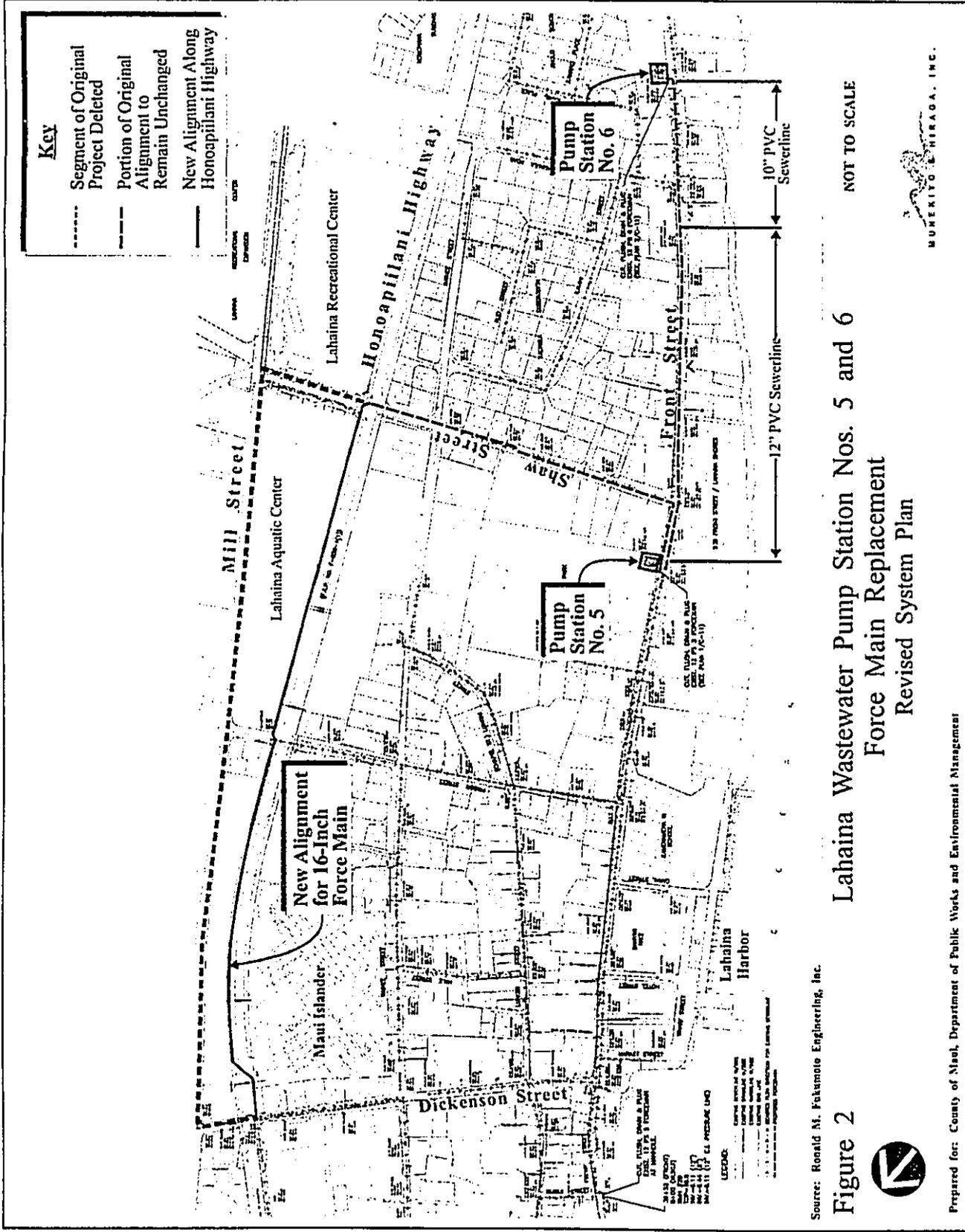


**Figure 1 Lahaina Wastewater Pump Station
Nos. 5 and 6 - Force
Main Replacement
Regional Location Map**



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NOT TO SCALE

this estimate. The new project construction schedule points to a start date during the first quarter of 2005, with an anticipated nine (9) month construction duration, as initially indicated.

This current revised EA is limited in scope and review to only the modified alignment portion of the project along Honoapiilani Highway.

Chapter II

***Affected Environment,
Potential Impacts, and
Mitigation Measures***

II. AFFECTED ENVIRONMENT, POTENTIAL IMPACTS, AND MITIGATION MEASURES

Potential impacts to the physical and socio-economic environment, public services and infrastructure, as well as appropriate mitigation measures, were described in the 2002 EA for the project. This section, therefore, examines the affected environment relative to the proposed realignment.

A. PHYSICAL ENVIRONMENT

1. Land Use

The new alignment follows Honoapiilani Highway, from Shaw Street to Dickenson Street. The approximately 6,300 lineal feet of roadway is part of the Honoapiilani Highway corridor which serves West Maui. Land uses along the sewerline alignment include the County of Maui's Lahaina Aquatic Center, single-family residential and vacant lands on the eastern or mauka side of the highway. See Figure 3. Along the western or makai side of the highway, land uses include single-family residential, church, vacant lands, the Ohana Maui Islander Resort and Sacred Hearts School.

The new sewerline will be installed along the mauka side of the highway. Between Shaw Street and Prison Street, the force main will be located outside of, but adjacent to the highway right-of-way. This area currently serves as graded setback space between the highway and the Lahaina Aquatic Center. From Prison Street to Dickenson Street, the new force main will fall within the Honoapiilani Highway right-of-way. The majority of construction will be located along the shoulder area of the road, with limited work occurring within the travelway, where the sewerline crosses the highway to make its connection at an existing manhole on Dickenson Street.

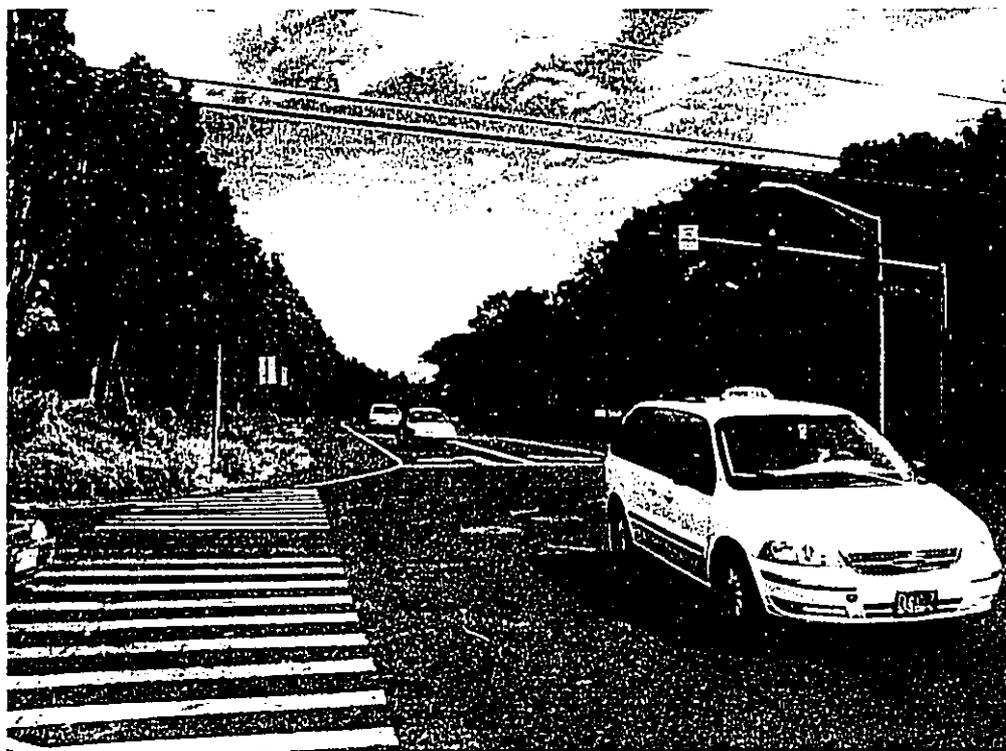


Figure 3 Lahaina Wastewater Pump Station
Nos. 5 and 6 Force Main Replacement
Photographs of Sewerline Route
Along Honoapiilani Highway

Impacts and Mitigative Measures

The new alignment is not anticipated to have adverse effects upon land use. Existing unused setback areas immediately adjacent to the highway as well as the highway right-of-way will be utilized for the alignment.

2. Topography and Soils

Honoapiilani Highway and adjacent County lands are flat along the sewerline corridor. There are no unusual or constraining topographic features which would present obstacles to project implementation.

The project corridor remains in the Pulehu-Ewa-Jaucas soil association, with Ewa silty clay loam (EaA) still the soil type specific to the site. See Figure 4 and Figure 5.

Impacts and Mitigation Measures

As stated in the 2002 EA, no negative impacts to these elements of the natural environment are expected to result from the proposed action. Neither are they anticipated from the revised action.

3. Flood and Coastal Hazards

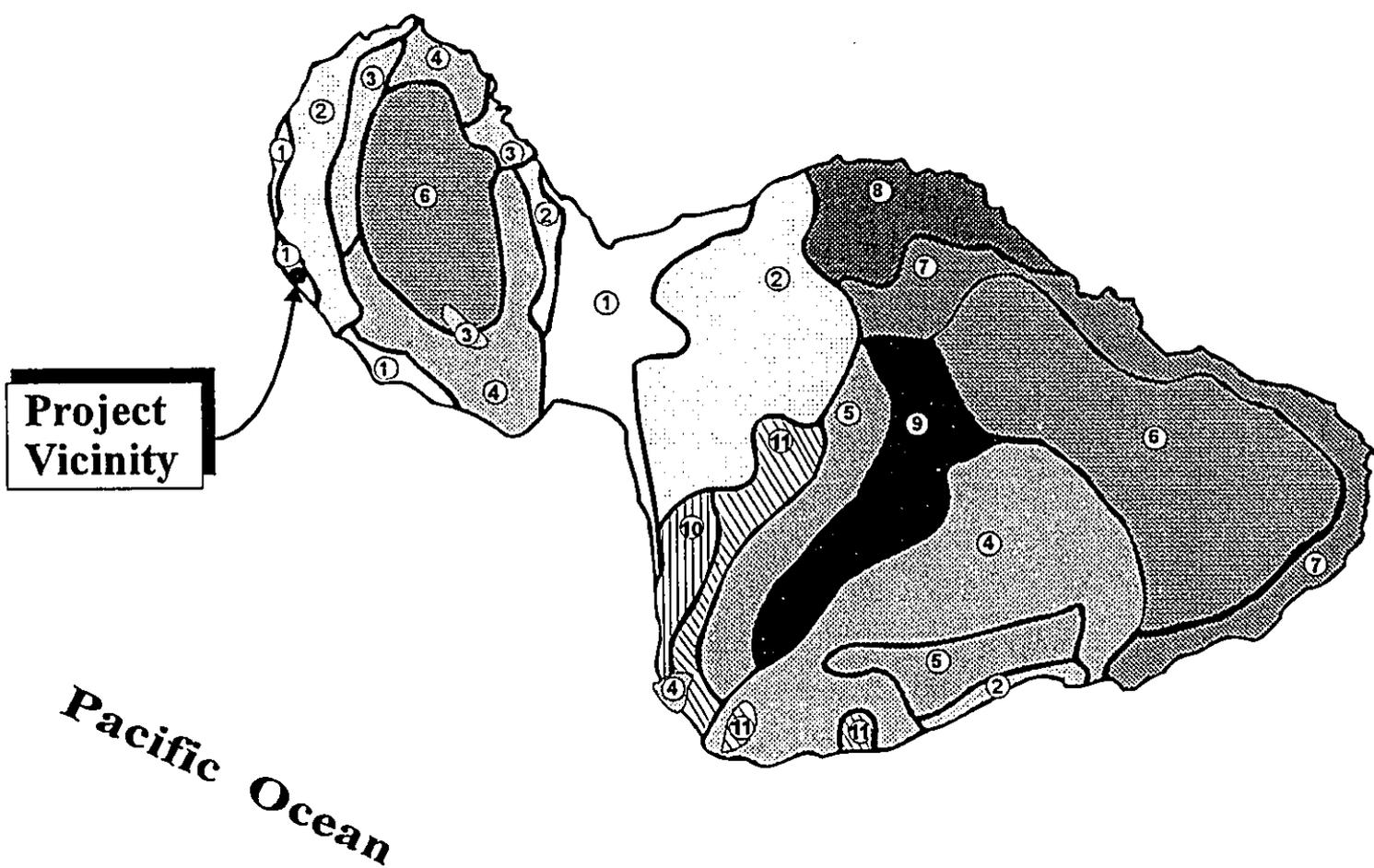
According to the flood insurance rate map for this region of Maui, the project alignment along Honoapiilani Highway traverses lands which fall within Zone C, areas of minimal flooding. See Figure 6.

Impacts and Mitigations

As stated in the 2002 EA, no adverse effects from flood and tsunami hazards are anticipated to result from the proposed

LEGEND

- | | |
|------------------------------------------------|-------------------------------------|
| ① Pulehu-Ewa-Jaucas association | ⑦ Hana-Makaalae-Kaihua association |
| ② Waiakoa-Kalahua-Molokai association | ⑧ Pauwela-Haiku association |
| ③ Honolulu-Olelo association | ⑨ Launaia-Kaipoi-Olinda association |
| ④ Rock land-Rough mountainous land association | ⑩ Keawakapu-Makena association |
| ⑤ Puu Pa-Kula-Panc association | ⑪ Kamaole-Oanapuka association |
| ⑥ Hydrandepts-Tropaquods association | |



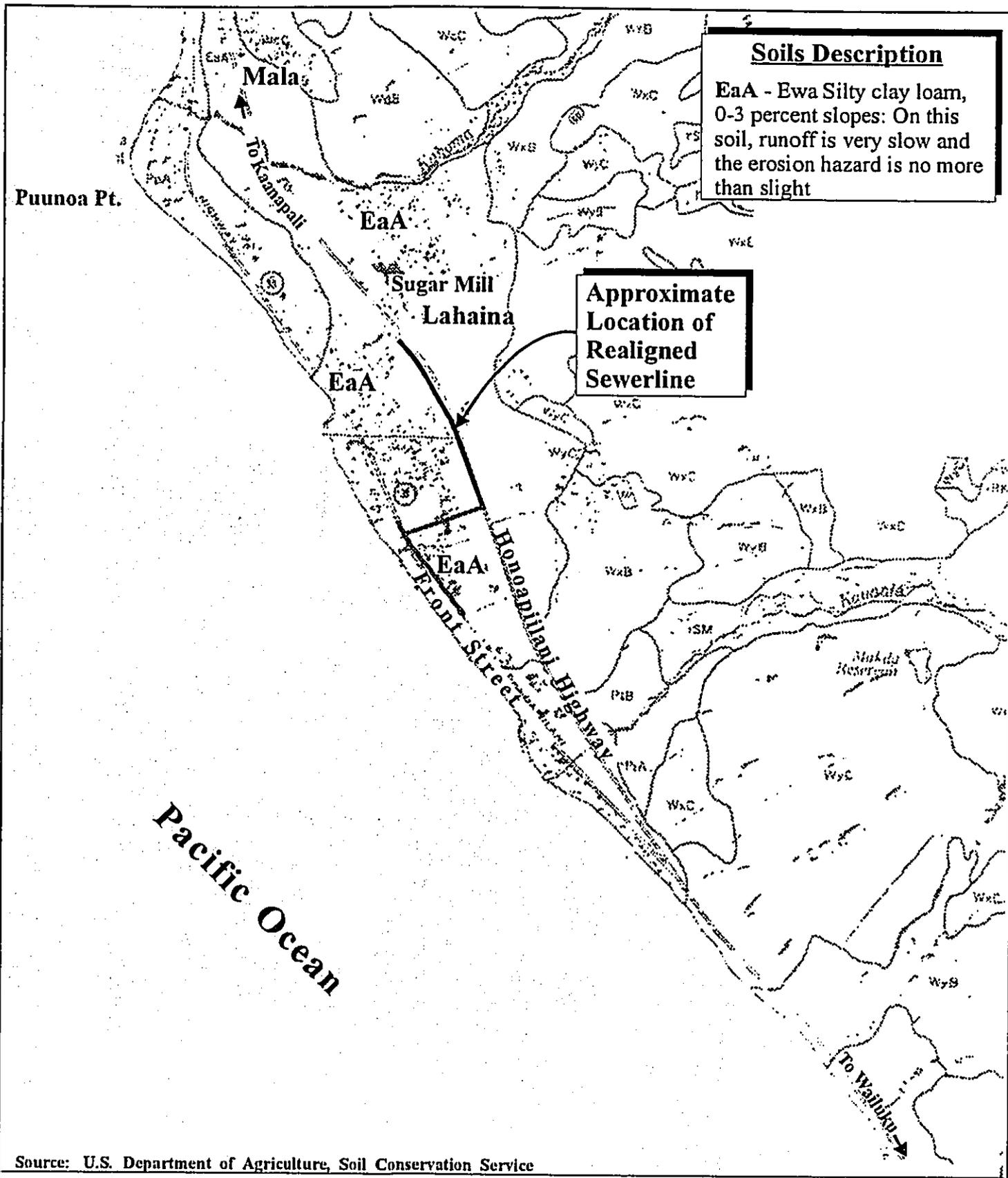
Map Source: USDA Soil Conservation Service

**Figure 4 Lahaina Wastewater Pump Station
Nos. 5 and 6 - Force
Main Improvements
Soil Association Map** NOT TO SCALE



Prepared for: County of Maui, Dept. of Public Works and Environmental Management

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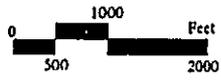


Soils Description
 EeA - Ewa Silty clay loam,
 0-3 percent slopes: On this
 soil, runoff is very slow and
 the erosion hazard is no more
 than slight

**Approximate
 Location of
 Realigned
 Sewerline**

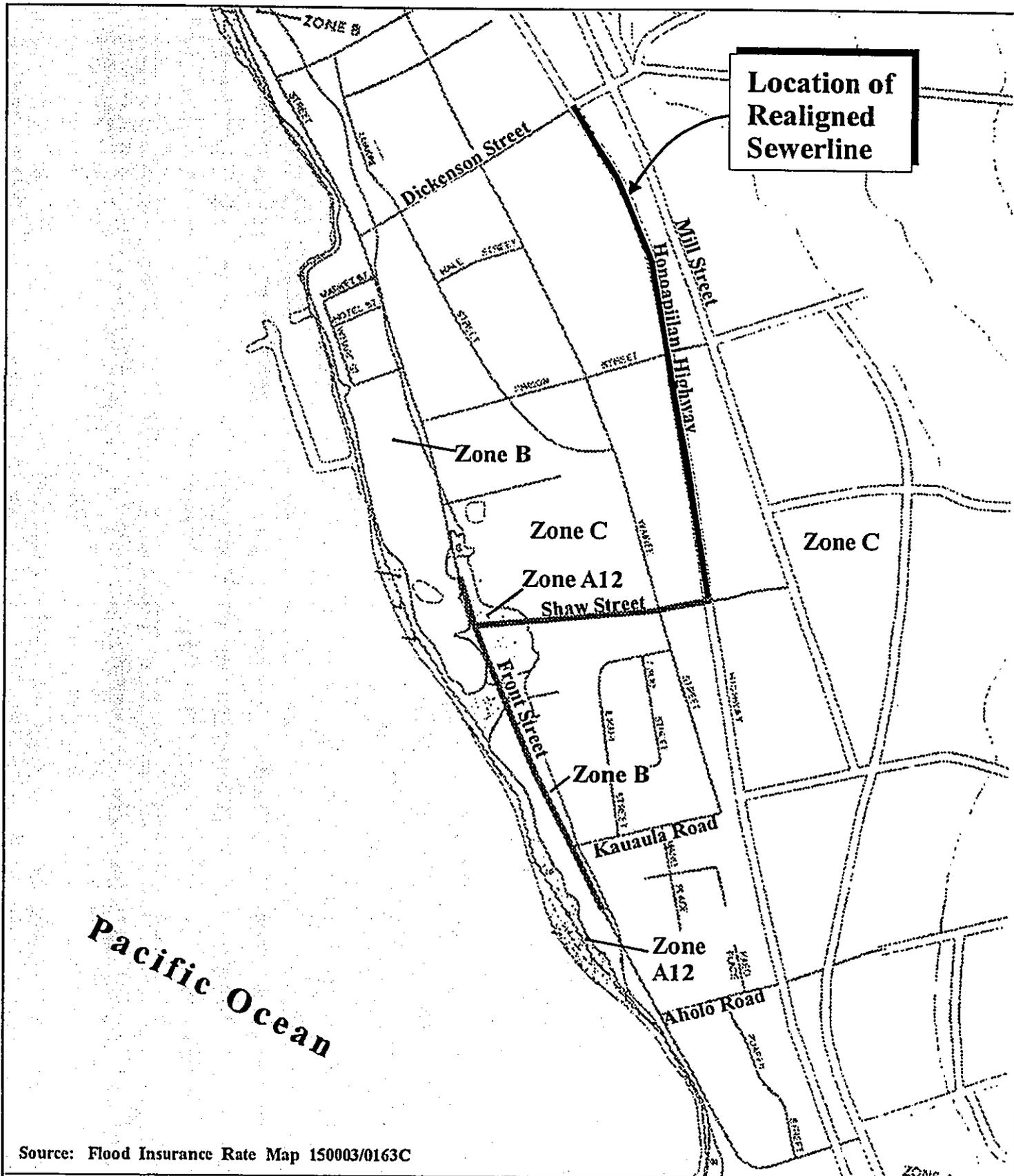
Source: U.S. Department of Agriculture, Soil Conservation Service

**Figure 5 Lahaina Wastewater Pump Station
 Nos. 5 and 6 - Force
 Main Improvements
 Soil Classification Map**



Prepared for: County of Maui, Dept. of Public
 Works and Environmental Management





Source: Flood Insurance Rate Map 150003/0163C

Figure 6 Lahaina Wastewater Pump Station NOT TO SCALE
 Nos. 5 and 6 - Force
 Main Improvements
 Flood Insurance Rate Map



Prepared for: County of Maui, Dept. of Public
 Works and Environmental Management

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project. The installation of the force main will be coordinated with the County of Maui, Department of Planning to ensure that applicable flood hazard area development standards are addressed.

4. **Flora and Fauna**

Plant and animal life along Honoapiilani Highway are typical of the urbanized regions of West Maui. The former is characterized by maintained ground cover and ornamentals. Animal life typically includes dogs, cats, and rats, as well as the House Finch, Spotted Dove, and Common Mynah.

There are no known rare, endangered, or threatened species of plant or animal life or significant habitats of such within the project corridor.

Impacts and Mitigations

No impacts to flora or fauna are anticipated to result from the project modifications.

5. **Air and Noise Quality**

The Lahaina region in general does not experience adverse air quality conditions. Airborne pollutants that do exist can be attributed largely to vehicular exhaust from Honoapiilani Highway and other roadways. Existing background noise is also principally attributable to these sources.

Impacts and Mitigations

There are no adverse long-term impacts to air and noise parameters anticipated beyond those attributable to installation-

related activities. Appropriate Best Management Practices (BMPs) will be employed to ensure that construction-related noise and air quality impacts are mitigated to the extent practicable.

6. **Historic, Archaeological and Cultural Resources**

The project corridor is located within the Lahaina National Landmark Historic District. The lands underlying the Honoapiilani Highway, Shaw Street, and Dickenson Street rights-of-way were previously disturbed during the initial construction of these roadways, as well as by subsequent roadway and utility improvements and repair and maintenance activities.

The 2002 EA detailed the cultural history of the Lahaina region and presented interviews with individuals connected to the area. As the project modifications do not expand or otherwise change the scope of cultural considerations, that cultural assessment is still deemed applicable.

Impacts and Mitigations

As discussed in the 2002 EA, the State Historic Preservation Division had specific recommendations for monitoring and surveying along segments of Front, Shaw, Dickenson, and Mill Streets. That agency has since reviewed and approved a monitoring plan for the revised project. See Appendix "A".

As the proposed realignment of the force main from Mill Street to a route along Honoapiilani Highway does not extend or expand the geographic limits of the project, there are no anticipated adverse effects upon cultural practices, beliefs, resources, or gathering rights.

7. Scenic and Open Space Resources

The Honoapiilani Highway alignment for the sewerline is not located within a scenic view corridor. The West Maui Mountains lie to the east of the route while developed areas of Lahaina are to the west. Present and former agricultural lands that lie between the mountains and the urbanized area represent other sources of open space resources.

Impacts and Mitigations

As the project realignment does not impinge upon scenic and open space resources, there are no anticipated adverse impacts to these environmental parameters.

B. SOCIO-ECONOMIC ENVIRONMENT

The resident population of the West Maui Community Plan region has demonstrated a substantial increase over the last three (3) decades. West Maui's average annual population growth over that period has kept pace with that of Maui County as a whole. Between 1970 and 1980, Maui County grew at an average rate of 4.4 percent a year, while from 1980 to 1990, and from 1990 to 2000, it grew at an average rate of 3.5 percent and 2.8 percent a year, respectively. Compared to Maui County, West Maui had a higher average annual growth rate of 6.4 percent during the 1970's, but shared a 3.5 percent average growth rate between 1980 and 1990, and a slightly lower growth rate of 2.3 percent in the 1990's (Community Resources, Inc., 2002).

The economy of Maui County is heavily dependent upon the visitor industry, and this is particularly evident in West Maui, which is a major resort destination area. The visitor orientation is reflected in the character of Lahaina Town, which serves as a center for visitor-related activities.

Agriculture, also a major component of the West Maui economy, is represented by Pioneer Mill and Maui Land and Pineapple Co.

As of November 2004, unemployment for the County of Maui stood at 3.3 percent, while that of the island of Maui stood at 3.0 percent (State Department of Labor and Industrial Relations, January 2005).

Potential Impacts and Mitigation Measures

During the construction phase of the project, benefits will accrue to the local economy as a direct result of the construction expenditures. In the long term, the force main improvements will improve wastewater system operations for Lahaina's residents, visitors, and businesses. The proposed realignment from Mill Street to Honoapiilani Highway will not have any substantial impact upon population or the local economy.

C. INFRASTRUCTURE

1. Roadways

The public roadway system within the project corridor consists of State and County roadways. Front Street, Shaw Street, and Dickenson Street are all two-lane, County roadways. Honoapiilani Highway (State Highway 30) is the main roadway serving the West Maui region. It is a two-lane roadway in the near vicinity of the proposed project, although a segment of the highway from Lahaina to Honokowai contains four lanes.

Potential Impacts and Mitigation Measures

The new force main alignment along Honoapiilani Highway, between Shaw Street and Dickenson Street, will cross the highway pavement twice. It will cross once, makai to mauka at Shaw Street, and once, mauka to makai near Dickenson Street. To

mitigate the impacts of the force main installation along Honoapiilani Highway, the force main is being installed within the County of Maui's Lahaina Aquatic Center property between Shaw Street and Prison Street. Anticipated impact to the highway traffic from this is negligible. At Prison Street, the force main re-enters the Honoapiilani right-of-way running along the mauka boundary, completely within the shoulder and along a vacant lot owned by Pioneer Mill Company. The location of the sewerline, outside the limits of the travelway is intended to mitigate impacts on the highway traffic at this section of the project corridor. In addition, media announcements and pre-construction meetings will be utilized to notify the public of construction schedules and activities.

2. Water and Wastewater

The West Maui region is served by the domestic water system operated by the County of Maui's Department of Water Supply. The County's wastewater collection and transmission system and the Lahaina Wastewater Reclamation Facility (LWRF) accommodate the region's wastewater needs. The LWRF, located along Honoapiilani Highway north of the Ka'anapali Resort, has a design capacity of 9.0 million gallons per day (mgd). A series of force mains and gravity lines convey the wastewater from Lahaina Town to the LWRF.

Potential Impacts and Mitigation Measures

The Department of Water Supply will be consulted during project design and prior to the implementation of the project to coordinate scheduling and construction activities.

As discussed in the 2002 EA, the project will enhance the existing Lahaina wastewater system by improving system operations. The

proposed route revision to Honoapiilani Highway will not affect these impacts, but will remove certain legal impediments toward implementing them.

3. **Drainage**

The existing drainage system for the project area was discussed in the 2002 EA. There are no drainage improvements along Honoapiilani Highway; stormwater percolates into the ground with excess flowing along with the slope.

Potential Impacts and Mitigation Measures

The installation of the new force main is anticipated to produce no adverse effects to the adjoining and downstream properties. The proposed improvements will be designed and constructed in accordance with applicable regulatory requirements. Erosion control measures and Best Management Practices (BMPs) will be implemented during the construction period to minimize soil loss and erosion. A National Pollutant Discharge Elimination System (NPDES) Permit will be obtained, as necessary, from the State Department of Health. The proposed realignment itself is not anticipated to impact drainage.

4. **Communications and Power**

Electrical and telephone service to the West Maui region is provided by Maui Electric Company (MECO) and Verizon Hawaii, respectively. Cable television (CATV) service is provided by Hawaiian Cablevision. There are no utility lines along the project corridor until the intersection of Honoapiilani Highway and Dickenson Street.

Potential Impacts and Mitigation Measures

The proposed route modification will have no impact upon communication or power service. MECO will be consulted prior to the implementation of the project to coordinate scheduling and construction activities.

Chapter III

***Relationship to Governmental
Plans, Policies and Controls***

III. RELATIONSHIP TO GOVERNMENTAL PLANS, POLICIES AND CONTROLS

A. STATE LAND USE DISTRICTS

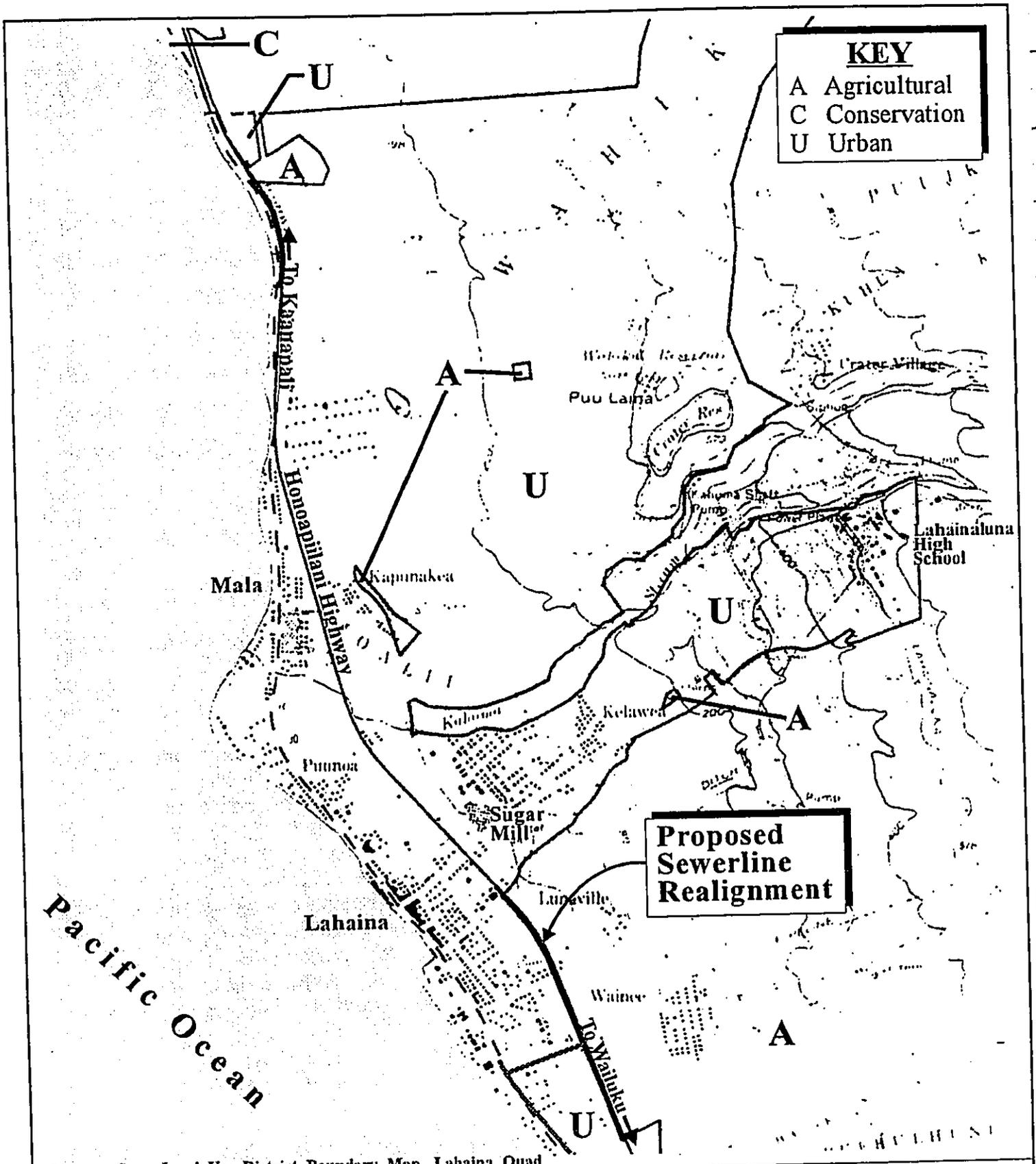
Chapter 205, Hawaii Revised Statutes (HRS), relating to the Land Use Commission, establishes the four (4) major land use districts in which all lands in the State are placed. These districts are designated "Urban", "Rural", "Agricultural", and "Conservation". The proposed modifications to the force main project within existing roadway rights-of-way and easements are permitted within the Urban, Rural, and Agricultural Districts. The new sewerline route will involve lands within the State Urban District. See Figure 7.

B. MAUI COUNTY GENERAL PLAN

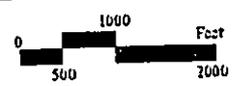
The Maui County General Plan (1990 Update) sets forth broad objectives and policies to help the long-range development of the County. As stated in the Maui County Charter:

The general plan shall indicate desired population and physical development patterns for each island and region within the county; shall address the unique problems and needs of each island and region; shall explain the opportunities and social, economic, and environmental consequences related to potential developments; and shall set forth the desired sequence, patterns and characteristics of future developments. The general plan shall identify objectives to be achieved, and priorities, policies, and implementing actions to be pursued with respect to population density, land use maps, land use regulations, transportation systems, public and community facility locations, water and sewage systems, visitor destinations, urban design, and other matters related to development.

The proposed project modification is in keeping with the following General Plan objectives and policy.



**Figure 7 Lahaina Wastewater Pump Station
 Nos. 5 and 6 - Force
 Main Improvements
 State Land Use District Classifications**



Prepared for: County of Maui, Dept. of Public Works and Environmental Management

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Objectives

- To provide efficient, safe, and environmentally sound systems for the disposal and reuse of liquid and solid wastes.
- To anticipate and provide public utilities which will meet community needs in a timely manner.

Policy

- Maintain all power and utility systems so as to meet public health and safety standards.

C. WEST MAUI COMMUNITY PLAN

Within the County of Maui, there are nine (9) community plan regions. From a General Plan implementation standpoint, each region is governed by a community plan which sets forth desired land use patterns, as well as goals, objectives, policies, and implementing actions for a number of functional areas, including infrastructure-related parameters. The project Honoapiilani Highway corridor traverses a portion of the West Maui Community Plan region. See Figure 8.

The proposed project modification is consistent with the following West Maui Community Plan goal regarding infrastructure.

Goal:

Timely and environmentally sound planning, development, and maintenance of infrastructure systems which serve to protect and preserve the safety and health of the region's residents, commuters, and visitors through the provision of clean water, effective waste disposal, and efficient transportation systems which meet the needs of the community.

D. COUNTY ZONING

Permitted uses and performance standards are set forth by Title 19 of the Maui County Code relating to zoning. Utility systems such as the proposed force main realignment are considered an incidental use which

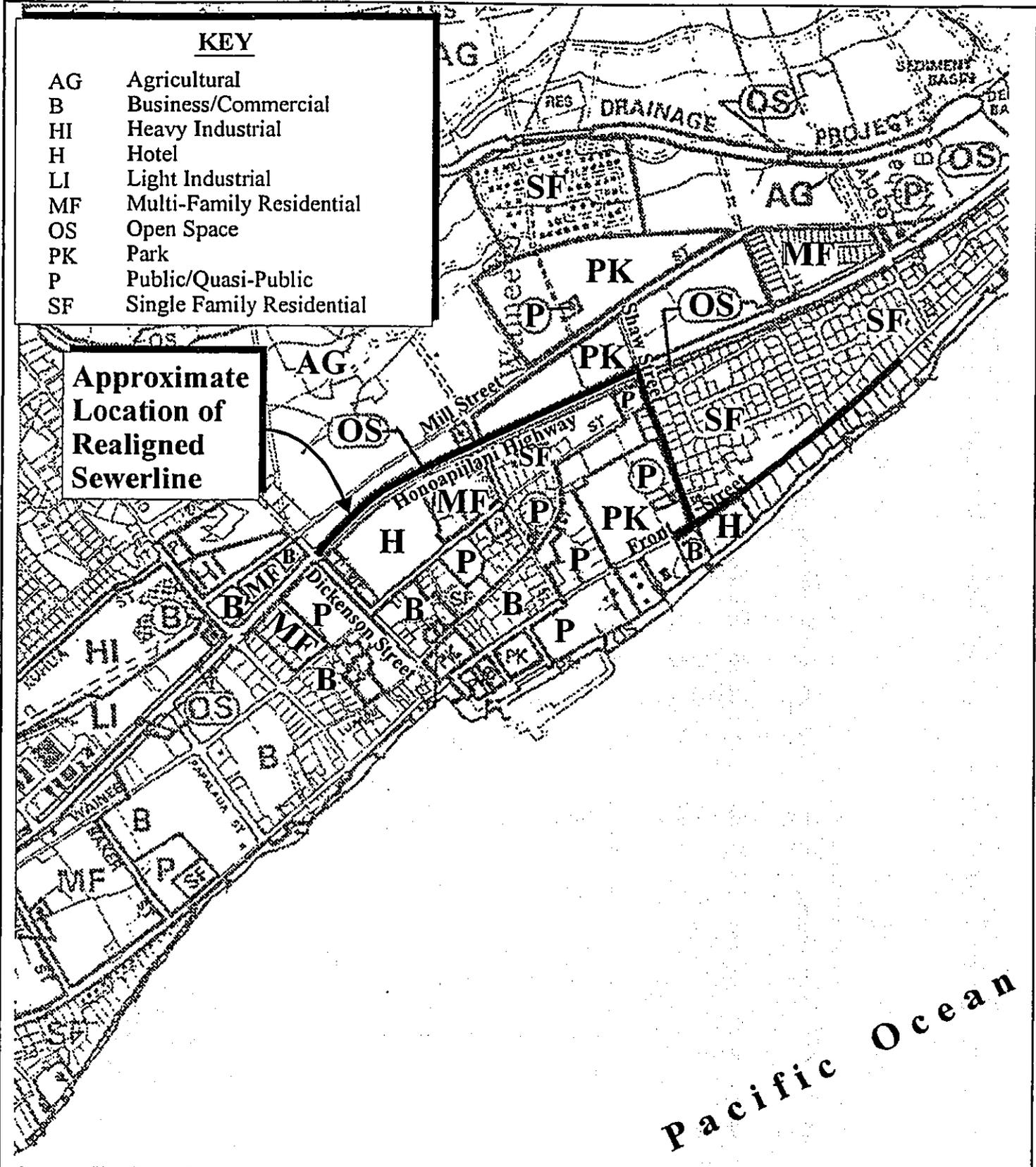


Figure 8 Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main Improvements NOT TO SCALE

Community Plan Land Use Designations



Prepared for: County of Maui, Dept. of Public Works and Environmental Management

MUNEKIYO & HIRAGA, INC.

is permitted in each of the County zoning districts. Inasmuch as the modified route falls within the State right-of-way and County setback areas bordering the right-of-way, there are no specific zoning standards or requirements which would require discretionary review from the Maui Planning Commission or the Maui County Council.

E. COASTAL ZONE MANAGEMENT OBJECTIVES AND POLICIES

The Hawaii Coastal Zone Management Program (HCZMP), as formalized in Chapter 205A, HRS, establishes objectives and policies for the preservation, protection, and restoration of natural resources within Hawaii's coastal zone.

The force main route described in the 2002 EA falls within the limits of the County of Maui's Special Management Area (SMA). The SMA limits in the vicinity of the project corridor generally extends from the coastline to the Honoapiilani Highway right-of-way.

As set forth by Chapter 205A, HRS, this section addresses the project modification's relationship to applicable coastal zone management considerations.

(1) Recreational Resources

Objective:

Provide coastal recreational opportunities accessible to the public.

Policies:

- (A) Improve coordination and funding of coastal recreational planning and management; and
- (B) Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:

-
- (i) Protecting coastal resources uniquely suited for recreational activities that cannot be provided in other areas;
 - (ii) Requiring replacement of coastal resources having significant recreational value including, but not limited to, surfing sites, fishponds, and sand beaches, when such resources will be unavoidably damaged by development; or requiring reasonable monetary compensation to the state for recreation when replacement is not feasible or desirable;
 - (iii) Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;
 - (iv) Providing an adequate supply of shoreline parks and other recreational facilities suitable for public recreation;
 - (v) Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;
 - (vi) Adopting water quality standards and regulating point and non-point sources of pollution to protect, and where feasible, restore the recreational value of coastal waters;
 - (vii) Developing new shoreline recreational opportunities, where appropriate, such as artificial lagoons, artificial beaches, and artificial reefs for surfing and fishing; and
 - (viii) Encouraging reasonable dedication of shoreline areas with recreational value for public use as part of discretionary approvals or permits by the land use commission, board of land and natural resources, and county authorities; and crediting such dedication against the requirements of Section 46-6, HRS.

Response: The proposed modification will occur within existing rights-of-way and County setback areas. The installation and long-term operation of the system along the new route is not anticipated to affect existing coastal or inland recreational resources.

(2) **Historic Resources**

Objective:

Protect, preserve and, where desirable, restore those natural and manmade historic and prehistoric resources in the coastal zone management area that are significant in Hawaiian and American history and culture.

Policies:

- (A) Identify and analyze significant archeological resources;
- (B) Maximize information retention through preservation of remains and artifacts or salvage operations; and
- (C) Support state goals for protection, restoration, interpretation, and display of historic resources.

Response: The proposed modification to the project involves the relocation of the sewerline to the Honoapiilani Highway right-of-way and along County setback areas bordering the right-of-way. This area has been heavily altered and disturbed by the construction and maintenance of the highway, making the existence of any archaeological features extremely unlikely. Should any archaeological features, cultural artifacts, or human remains be inadvertently discovered during installation, the SHPD will be promptly notified and appropriate mitigative measures will be implemented, as necessary.

(3) **Scenic and Open Space Resources**

Objectives:

Protect, preserve and, where desirable, restore or improve the quality of coastal scenic and open space resources.

Policies:

- (A) Identify valued scenic resources in the coastal zone management area;
- (B) Ensure that new developments are compatible with their

visual environment by designing and locating such developments to minimize the alteration of natural landforms and existing public views to and along the shoreline;

- (C) Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources; and
- (D) Encourage those developments that are not coastal dependent to locate in inland areas.

Response: The proposed action involves the subsurface installation of a force main within existing State right-of-way and County setback areas bordering the right-of-way. In the context of adjacent surrounding uses, the proposed realignment from Mill Street to Honoapiilani Highway is not anticipated to impact coastal scenic and open space resources nor will it adversely affect public views to and along the shoreline.

(4) **Coastal Ecosystems**

Objective:

Protect valuable coastal ecosystems, including reefs, from disruption and minimize adverse impacts on all coastal ecosystems.

Policies:

- (A) Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;
- (B) Improve the technical basis for natural resource management;
- (C) Preserve valuable coastal ecosystems, including reefs, of significant biological or economic importance;
- (D) Minimize disruption or degradation of coastal water ecosystems by effective regulation of stream diversions, channelization, and similar land and water uses, recognizing competing water needs; and
- (E) Promote water quantity and quality planning and management practices that reflect the tolerance of fresh water and marine ecosystems and maintain and

enhance water quality through the development and implementation of point and nonpoint source water pollution control measures.

Response: The subject action is not expected to adversely impact coastal ecosystems. Trenching and backfilling for the force main installation along Honoapiilani Highway will utilize appropriate Best Management Practices and mitigative measures to ensure that coastal ecosystems are not degraded during installation.

(5) **Economic Uses**

Objectives:

Provide public or private facilities and improvements important to the State's economy in suitable locations.

Policies:

- (A) Concentrate coastal dependent development in appropriate areas;
- (B) Ensure that coastal dependent development such as harbors and ports, and coastal related development such as visitor facilities and energy generating facilities, are located, designed, and constructed to minimize adverse social, visual, and environmental impacts in the coastal zone management area; and
- (C) Direct the location and expansion of coastal dependent developments to areas presently designated and used for such developments and permit reasonable long-term growth at such areas, and permit coastal dependent development outside of presently designated areas when:
 - (i) Use of presently designated locations is not feasible;
 - (ii) Adverse environmental effects are minimized; and
 - (iii) The development is important to the State's economy.

Response: The project will have a beneficial short-term impact on the economy during construction by providing construction-related employment. In the long term, the completed project will enhance

the existing Lahaina wastewater system by improving system operations. The proposed realignment is not in conflict with objectives and policies for economic uses.

(6) **Coastal Hazards**

Objectives:

Reduce hazard to life and property from tsunami, storm waves, stream flooding, erosion, subsidence and pollution.

Policies:

- (A) Develop and communicate adequate information about storm wave, tsunami, flood, erosion, subsidence, and point and nonpoint source pollution hazards;
- (B) Control development in areas subject to storm wave, tsunami, flood, erosion, hurricane, wind, subsidence, and point and nonpoint pollution hazards;
- (C) Ensure that developments comply with requirements of the Federal Flood Insurance Program; and
- (D) Prevent coastal flooding from inland projects.

Response: The project modification fall within Zone C, an area of minimal flooding. Coordination with the Department of Planning will be undertaken to address applicable flood hazard development standards. Appropriate erosion control measures will be incorporated during the construction period to minimize soil loss and erosion. As necessary, temporary drainage improvements will be utilized to facilitate the force main installation. These improvements will be designed to County standards to ensure that there are no adverse drainage impacts to adjoining and downstream properties. As an essential utility, the completed project will not affect life and property as it relates to natural hazards such as tsunamis and flooding.

(7) **Managing Development**

Objectives:

Improve the development review process, communication, and public participation in the management of coastal resources and hazards.

Policies:

- (A) Use, implement, and enforce existing law effectively to the maximum extent possible in managing present and future coastal zone development;
- (B) Facilitate timely processing of applications for development permits and resolve overlapping of conflicting permit requirements; and
- (C) Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process.

Response: In compliance with requirements of Chapter 343, Hawaii Revised Statutes, this Revised Environmental Assessment has been prepared to facilitate public understanding and input for the project.

(8) **Public Participation**

Objectives:

Stimulate public awareness, education, and participation in coastal management.

Policies:

- (A) Promote public involvement in coastal zone management processes;
- (B) Disseminate information on coastal management issues by means of educational materials, published reports, staff contact, and public workshops for persons and organizations concerned with coastal issues, developments, and government activities; and
- (C) Organize workshops, policy dialogues, and site-specific

mediations to respond to coastal issues and conflicts.

Response: As previously noted, public awareness of the proposed realignment from Mill Street to Honoapiilani Highway is being promoted through the Environmental Assessment process. The proposed action is not contrary to the objective of public awareness, education, and participation.

(9) **Beach Protection**

Objectives:

Protect beaches for public use and recreation.

Policies:

- (A) Locate new structures inland from the shoreline setback to conserve open space, minimize interference with natural shoreline processes, and minimize loss of improvements due to erosion;
- (B) Prohibit construction of private erosion-protection structures seaward of the shoreline, except when they result in improved aesthetic and engineering solutions to erosion at the sites and do not interfere with existing recreational and waterline activities; and
- (C) Minimize the construction of public erosion-protection structures seaward of the shoreline.

Response: The subject action will be implemented within an existing roadway right-of-way and County setback areas along the right-of-way. Consequently, the project is not anticipated to adversely impact beach resources.

(10) **Marine Resources**

Objectives:

Promote the protection, use, and development of marine and coastal resources to assure their sustainability.

Policies:

- (A) Ensure that the use and development of marine and coastal resources are ecologically and environmentally sound and economically beneficial;
- (B) Coordinate the management of marine and coastal resources and activities to improve effectiveness and efficiency;
- (C) Assert and articulate the interests of the State as a partner with federal agencies in the sound management of ocean resources within the United States exclusive economic zone;
- (D) Promote research, study, and understanding of ocean processes, marine life, and other ocean resources in order to acquire and inventory information necessary to understand how ocean development activities relate to and impact upon ocean and coastal resources; and
- (E) Encourage research and development of new, innovative technologies for exploring, using, or protecting marine and coastal resources.

Response: The proposed modification to the project is not anticipated to adversely affect marine and coastal resources. There is no anticipated potential for waters of the U.S. to be impacted by project implementation.

Chapter IV

***Summary of Adverse
Environmental Effects
Which Cannot Be Avoided***

IV. SUMMARY OF ADVERSE ENVIRONMENTAL EFFECTS WHICH CANNOT BE AVOIDED

During the short term, the proposed project modification will result in unavoidable construction-related impacts which include noise-generated impacts occurring from the installation of the sewerline along Honoapiilani Highway. In addition, there may be temporary air quality impacts associated with dust generated from site work and exhaust emissions discharged by construction equipment.

The proposed modification is not anticipated to create any significant, long-term adverse environmental effects.

Chapter V

***Alternatives to the
Proposed Action***

V. ALTERNATIVES TO THE PROPOSED ACTION

A. PREFERRED ALTERNATIVE

The proposed action represents the preferred alternative. Crucially, the modifications to the project will remove title problems that would otherwise have unnecessarily delayed the project. Because of the need to upgrade the Lahaina area wastewater system and the presence of viable options, the realignment of the sewerline from Mill Street to the Honoapiilani Highway corridor has been deemed the preferred alternative.

B. ORIGINAL PLAN (JUNE 2002) ALTERNATIVE

The original plan, as described in the 2002 EA, involved the installation of a new force main within the County roadway rights-of-way along Shaw Street and portions of Front and Dickenson Streets. Work was also proposed along Mill Street, a road owned by Pioneer Mill Company, and within the Honoapiilani Highway right-of-way, a State facility. The project included replacing an existing 12-inch force main with a 16-inch force main, replacing a cast-iron force main with one of newer materials, and redirecting the route of the wastewater system. Additionally, the project involved upgrading the pump stations with new motors and pumps, necessary for pumping the wastewater along its new route.

This original alternative was revised based upon difficulty in obtaining land title to the Mill Street right-of-way. Given the need to improve the wastewater system for the Lahaina area, the delay caused by these difficulties resulted in a revisioning of the plan so as to facilitate project implementation. The original alternative is thus deemed less desirable than the preferred alternative.

C. ENGINEERING ALTERNATIVES

Various alternative force main alignments were considered during the

development stage of the original proposal, as detailed in the 2002 EA. These included differing uses of Honoapiilani Highway, Wahie Lane, and Front, Shaw, Mill, Prison, Wainee, Laukini, and Dickenson Streets. Alternative installation techniques were also considered, including pipe bursting, cut and cover, in-situ-lining, and horizontal directional drilling.

An initial design focus on using only Front Street was decided against after consultation with area residents and business owners as creating too great an impact during the construction phase. In addition, although the project corridor would be more direct by following Front Street, all underground work would take place under the water table. Following the revised alignment allowed for the majority of the work to proceed above water, which is significantly simpler and more efficient.

Chapter VI

***Irreversible and Irretrievable
Commitments of Resources***

VI. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES

The proposed action will not result in the irreversible and irretrievable commitment of natural and man-made resources as existing rights-of-way and easements are proposed to be used for the force main installation. Lands underlying the Honoapiilani Highway right-of-way and bordering County setback areas were previously committed for roadway, utility and buffer area purposes. Since the proposed action involves the use of these same lands for additional utility purposes, no adverse impacts are anticipated.

Chapter VII

***Anticipated Determination
and Findings and Reasons
Justifying the Determination***

VII. ANTICIPATED DETERMINATION AND FINDINGS AND REASONS SUPPORTING THE DETERMINATION

The "Significance Criteria", Section 12 of the Administrative Rules, Title 11, Chapter 200, "Environmental Impact Statement Rules", were reviewed and analyzed to determine whether the proposed project modifications will have significant impacts to the environment. The following analysis is provided.

1. **No Irrevocable Commitment to Loss or Destruction of Any Natural or Cultural Resources Would Occur as a Result of the Proposed Project**

The proposed realignment of the 16-inch force main from Mill Street to the Honoapiilani Highway route is not anticipated to result in significant adverse environmental impacts. There are no identified rare, endangered, or threatened species of flora or fauna located within the realigned project corridor.

It is noted that the proposed action utilizes the existing Honoapiilani Highway right-of-way and bordering County setback areas without affecting the surface physical characteristics and operational parameters of the roadway itself. The proposed modification will not affect cultural resources, practices, or beliefs, including access and gathering rights.

2. **The Proposed Action Would Not Curtail the Range of Beneficial Uses of the Environment**

The proposed project modification is not anticipated to curtail the beneficial uses of the environment. The new force main will be a vital component of the wastewater system infrastructure. Within the new corridor, there will be no physical evidence of the installation once the project is completed. Under this project scope, therefore, there are no adverse environmental impacts associated with the proposed action.

3. **The Proposed Action Does Not Conflict with the State's Long-Term Environmental Policies or Goals or Guidelines as Expressed in Chapter 344, Hawaii Revised Statutes**

The State's Environmental Policy and Guidelines are set forth in Chapter 344, Hawaii Revised Statutes (HRS). The proposed action is in consonance with the policies and guidelines of Chapter 344, HRS.

4. **The Economic or Social Welfare of the Community or State Would Not Be Substantially Affected**

The proposed action will have a direct beneficial effect on the local economy during the construction phase. In the long term, the proposed action will improve wastewater system operations in the Lahaina area for residents, visitors, and businesses. This conclusion does not differ from that presented in the 2002 EA.

5. **The Proposed Action Does Not Affect Public Health**

The proposed modification, as an important component of the force main system, will ensure the operational integrity of Lahaina's wastewater collection system. No adverse impacts to the public's health and welfare are anticipated as a result of the proposed action.

6. **No Substantial Secondary Impacts, Such as Population Changes or Effects on Public Facilities are Anticipated**

No population changes are anticipated to result from the proposed realignment of the sewerline from Mill Street to the Honoapiilani Highway route. In addition, the proposed action is not anticipated to adversely impact existing water, drainage, and transportation systems. The design and implementation of the project will be coordinated with the appropriate governmental agencies. The proposed action is not expected to significantly impact public services such as police, fire, and medical

services, nor is it anticipated to adversely affect educational, recreational, or solid waste facilities and services.

7. **No Substantial Degradation of Environmental Quality is Anticipated**

During the construction phase, there will be short-term air quality and noise impacts as a result of the project. In the long term, there will be no effects upon air quality and ambient noise levels. The proposed modifications are not anticipated to affect scenic and open space resources along its alignment.

No substantial degradation of environmental quality resulting from the proposed action is anticipated.

8. **The Proposed Project Does Not Involve a Commitment to Larger Actions, Nor Would Cumulative Impacts Result in Considerable Effects on the Environment**

The proposed modification is part of the Lahaina force main project as described in the 2002 EA. The new alignment for a part of the system does not expand and substantially alter the size or scope of that project. The project as a whole is viewed as a stand-alone project and represents the entire scope of work to be performed.

Due to its geographic nature, as well as logistics and mobilization factors, the installation of the proposed force main will be conducted in phases that are sequenced to meet the scheduling objectives of the project's implementation time frame.

9. **No Rare, Threatened, or Endangered Species or Their Habitats Would Be Adversely Affected by the Proposed Action**

There are no rare, endangered, or threatened species of flora or fauna

within the project vicinity and none are anticipated to be impacted by the action. Work will be conducted within the existing Honoapiilani Highway right-of-way and County setback area bordering the Honoapiilani Highway.

10. **Air Quality, Water Quality, or Ambient Noise Levels Would Not Be Detrimentially Affected by the Proposed Project**

Construction activities will result in short-term air quality and noise impacts. Dust control measures, such as regular watering and sprinkling will be implemented, as necessary, to minimize wind-blown emissions. Noise impacts will occur primarily from installation-related activities. Appropriate BMPs will be used to ensure that construction-related impacts are minimized.

In the long term, the project is not anticipated to have significant impacts on noise, air, or water quality.

11. **The Proposed Project Would Not Affect Environmentally Sensitive Areas, Such as Flood Plains, Tsunami Zones, Erosion-prone Areas, Geologically Hazardous Lands, Estuaries, Fresh waters, or Coastal Waters.**

The new project alignment is situated beyond the limits of flooding and tsunami inundation. The installation of the force main along Honoapiilani Highway will be coordinated with the County of Maui, Department of Planning and other affected governmental agencies to ensure that applicable flood hazard area development standards are addressed. The soils underlying the project's alignment are not erosion-prone. There are no known geologically hazardous lands, estuaries, or coastal waters within or adjacent to the project's alignment. There is no potential for waters of the U.S. to be impacted by the construction of project structures or associated ground disturbing activities within the project area.

12. **The Proposed Action Would Not Substantially Affect Scenic Vistas and Viewplanes Identified in County or State Plans or Studies**

The proposed action will not affect scenic corridors nor will it adversely impact scenic coastal and open space resources as the proposed force main will be installed within the existing Honoapiilani Highway right-of-way and County setback areas bordering the Honoapiilani Highway.

13. **The Proposed Action Would Not Require Substantial Energy Consumption**

The proposed action will involve the short-term commitment of fuel for equipment, vehicles, and machinery during construction activities. However, this use is not anticipated to result in a substantial consumption of energy resources.

Based on the foregoing findings, the proposed project modification is not anticipated to result in any significant impacts on the environment, as defined by Section 11-200-12, Hawaii Administrative Rules, Department of Health.

Chapter VIII

List of Permits and Approvals

VIII. LIST OF PERMITS AND APPROVALS

The following permits and approvals will be required prior to the implementation of the project:

State of Hawaii:

1. Community Noise Permit (as applicable)
2. Work-to-Perform in the State Highway Right-of-Way
3. Grant of Easement (State Department of Transportation)
4. NPDES Permit (to be determined in coordination with the State Department of Health)

County of Maui:

1. Work-to-Perform on County Highways
2. Grading/Grubbing Permit
3. SMA Assessment Application

Chapter IX

**Agencies Contacted During
the Preparation of the Revised
Draft Environmental Assessment,
Comments Received and
Responses to
Substantive Comments**

IX. AGENCIES CONTACTED DURING THE PREPARATION OF THE REVISED DRAFT ENVIRONMENTAL ASSESSMENT, COMMENTS RECEIVED AND RESPONSES TO SUBSTANTIVE COMMENTS

The agencies listed below were consulted during the preparation phase of the environmental assessment. Comments received and responses to substantive comments are included in this chapter.

1. Ranae Ganske-Cerizo
Acting District Conservationist
Natural Resources Conservation Service
U.S. Department of Agriculture
210 Imi Kala Street, Suite 209
Wailuku, Hawaii 96793-2100
2. George P. Young, PE
Chief, Regulatory Branch
U.S. Department of the Army
U.S. Army Engineer District, Hnl.
Attn: CEPOH-EC-R
Bldg. 230, Room 201
Fort Shafter, Hawaii 96858-5440
3. Robert P. Smith
Pacific Islands Manager
U. S. Fish and Wildlife Service
300 Ala Moana Blvd., Rm. 3-122, Box 50088
Honolulu, Hawaii 96813
4. Chiyome L. Fukino, Director
State of Hawaii
Department of Health
P.O. Box 3378
Honolulu, Hawaii 96801
5. Herbert Matsubayashi
District Environmental Health
Program Chief
State of Hawaii
Department of Health
54 High Street
Wailuku, Hawaii 96793
6. Peter T. Young, Director
State of Hawaii
Department of Land and Natural Resources
P. O. Box 621
Honolulu, Hawaii 96809
7. P. Holly McEldowney, Acting Administrator
State of Hawaii
Department of Land and Natural Resources
State Historic Preservation Division
601 Kamokila Blvd., Room 555
Kapolei, Hawaii 96707
8. Fred Cajigal, Maui District Engineer
State of Hawaii
Department of Transportation
Highways Division
650 Palapala Drive
Kahului, Hawaii 96732
9. Clyde Namu'o, Administrator
Office of Hawaiian Affairs
711 Kapiolani Boulevard, Suite 500
Honolulu, Hawaii 96813
10. Richard Fernandez, Chief
County of Maui
Department of Fire Control
200 Dairy Road
Kahului, Hawaii 96732

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- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 11. Alice Lee, Director
County of Maui
Department of Housing and
Human Concerns
200 S. High Street
Wailuku, Hawaii 96793 | 19. Keoki Freeland, Executive Director
Lahaina Restoration Foundation
120 Dickenson Street
Lahaina, Hawaii 96761 |
| 12. Michael W. Foley, Director
County of Maui
Department of Planning
250 South High Street
Wailuku, Hawaii 96793 | 20. Akoni Akana, Executive Director
Friends of Moku'ula, Inc.
505 Front Street, Suite 234
Lahaina, Hawaii 96761 |
| 13. Glenn Correa, Director
County of Maui
Department of Parks and
Recreation
700 Halia Nakoia Street
Wailuku, Hawaii 96793 | 21. J.J. Elkin
Shops & Restaurants
505 Front Street
Lahaina, Hawaii 96761 |
| 14. Tom Phillips, Chief
County of Maui
Police Department
55 Mahalani Street
Wailuku, Hawaii 96793 | |
| 15. Gilbert Coloma-Agaran, Director
County of Maui
Department of Public Works
and Waste Management
200 South High Street
Wailuku, Hawaii 96793 | |
| 16. George Tengan, Director
County of Maui
Department of Water Supply
200 South High Street
Wailuku, Hawaii 96793 | |
| 17. Ezeikiela I. Kalua, Executive Director
West Maui Taxpayers Association
P.O. Box 10338
Lahaina, Hawaii 96761 | |
| 18. Theo Morrison, Executive Director
Lahainatown Action Committee
648 Wharf Street, Suite 102
Lahaina, Hawaii 96761 | |

RECEIVED AS FOLLOWS



US Army Corps
of Engineers

10/15/2004

AUG 23 2004

Dear Applicant/Requestor:

111 200 202 311

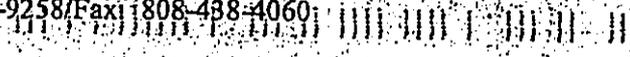
10/15/2004

We have received your permit application or request for comments; however, there may be a delay in processing your permit or jurisdictional review of your project. The Regulatory Branch office will be in transition as we move to another building during the months of August and September.

Our mailing address, phone and facsimile numbers will remain the same.

We appreciate your patience.

U.S. Army Engineer District, Honolulu
Regulatory Branch, CEPOH-EC-R
Building 230
Ft. Shafter, Hawaii 96858-5440
Phone: 808-438-9258/Fax: 808-438-4060



LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HEALTH
MAUI DISTRICT HEALTH OFFICE
54 HIGH STREET
WAILUKU, MAUI, HAWAII 96793-2102

September 9, 2004

SEP 10 2004

CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

LORRIN W. PANG, M.D., M.P.
DISTRICT HEALTH OFFICER

Mr. Matthew Slep
Munekiyo & Hiraga, Inc.
305 South High Street, Suite 104
Wailuku, Hawaii 96793

Dear Mr. Slep:

Subject: Lahaina Wastewater Pump Station Nos. 5 & 6 – Force Main Replacement, TMK: (2) 4-6-2, 3, 5, 6, 7, 11, and 12

Thank you for the opportunity to participate in the early consultation process for the environmental assessment. The following comments are offered:

1. The noise created during the construction phase of the project may exceed the maximum allowable levels as set forth in Hawaii Administrative Rules, Chapter 11-46, "Community Noise Control". A noise permit may be required and should be obtained before the commencement of work.
2. National Pollutant Discharge Elimination System (NPDES) permit coverage is required for this project. The Clean Water Branch should be contacted at 808 586-4309.

Should you have any questions, please call me at 984-8230.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Matsubayashi", enclosed within a hand-drawn oval.

Herbert S. Matsubayashi
District Environmental Health Program Chief



October 22, 2004

Herbert Matsubayashi, Program Chief
State of Hawaii
Department of Health
Maui District Health Office
54 High Street
Wailuku, Hawaii 96793

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement

Dear Mr. Matsubayashi,

Thank you for your letter of September 9, 2004 responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note the following:

1. The proposing agency, the Department of Public Works and Environmental Management (DPWEM), will determine if a noise permit is necessary and will obtain one as required.
2. The DPWEM will be seeking an NPDES permit for this project.

Thank you again for providing your input to the proposed action. A copy of the Draft Revised EA will be provided to your office for review and comment.

Very truly yours,

Matthew M. Slepina, Planner

MS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/thn5&6/dohmaui.res

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING, ROOM 555
601 KAMOKILA BOULEVARD
KAPOLEI, HAWAII 96707

OCT 18 2004
PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

October 6, 2004

Matthew Slepín
Munekiyo & Hiraga, Inc.
305 South High Street, Suite 104
Wailuku, Hawaii 96793

LOG NO: 2004.3002
DOC NO: 0410CD07

Dear Mr. Slepín,

**SUBJECT: Chapter 6E-8 Historic Preservation Review – Request for Determination for the Proposed Lahaina Wastewater Pump Station Nos. 5 and 6 – Force Main Replacement [CountyDPW-EM] Lahaina, Lahaina District, Island of Maui
TMK: (2) 4-6-002, 003, 005, 006, 007, 011, & 012**

Thank you for the opportunity to review and provide comments for the Request for Determination for the Proposed Lahaina Wastewater Pump Station Nos. 5 and 6 – Force Main Replacement, which was received by our staff on August 23, 2004. Our review is based on reports, maps, and aerial photographs maintained at the State Historic Preservation Division. On August 24, 2004 Dr. Melissa Kirkendall, SHPD Maui/Lana'i Islands archaeologist; Mr. Eric Yamashige, Fukumoto Engineering; Mr. Mike Dega and Mr. Guerin Tome, both of Scientific Consulting Services; and a representative of the Maui County Engineering Division, conducted a field inspection of the subject property.

Based on the submitted document, we understand the County of Maui, Department of Public Works and Environmental Management proposes to amend the original scope of work and revise a segment of the project's original alignment. The proposed undertaking now consists of deleting the Mill Street section of the original project and instead install a segment a section of the Force main within the Honoapi'ilani Highway right-of-way and a portion of the County's Lahaina Aquatic Center parcel. The proposed undertaking will now involve the installation of approximately 6300 LF of sewer line. The size of the pump station 6 force main has been reduced from 12 to 10 inches and the existing 8-inch gravity sewer line within Front Street will be replaced with a 12-inch gravity line to pump station 5. All other components of the original project remain unchanged.

A search of our records indicates an archaeological inventory survey has not been conducted of the subject property. The proposed project area is located within the boundaries of the Historic Lahaina District (State Site 50-50-03-3001). This area comprises the port town of the 1800s and is likely to have once been the location of pre-

Matthew Slepik
Page 2

Contact farming, perhaps with scattered houses, during the pre-Contact period. Thus, we believe it is possible historic sites and/or previously disturbed site remnants may be present within the subsurface deposits of the proposed project corridor. Ground altering activities associated with the proposed undertaking may have an affect on any historic sites which are present.

We believe archaeological monitoring during all ground altering activities associated with this project will mitigate any adverse affects the proposed undertaking may have on historic sites located within the project corridor. An archaeological monitoring plan has recently been submitted to this office in support of this project, and it is currently under review. Thus, we will be better able to provide comments for the proposed undertaking following the completion of our review of the monitor plan.

If you have any questions, please call Cathleen A. Dagher at 692-8023.

Aloha,



P. HOLLY MCELLOWNEY, Administrator
State Historic Preservation Division

CD:jen

c: Michael Foley, Director, Dept of Planning, 250 S. High Street, Wailuku, HI 96793
Maui Cultural Resources Comm, Dept of PIng, 250 S. High St, Wailuku, HI 96793



October 22, 2004

P. Holly McEldowney, Administrator
State of Hawaii
Department of Land and Natural Resources
Historic Preservation Department
Kakuhihewa Building , Room 555
601 Kamokila Boulevard
Kapolei, Hawaii 96707

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater
Pump Station Force Main Replacement

Dear Ms. McEldowney,

Thank you for your letter of October 6, 2004, responding to our request for comments on the Draft Environmental Assessment (EA) concerning the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. We acknowledge that coordination with your office is ongoing and look forward to receiving your comments regarding the archaeological monitoring plan.

Thank you again for your input into the proposed action.

Very truly yours,

Matthew Slepina, Planner

MS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/hn5&6/shpd.res

AUG 26 2004

ALAN M. ARAKAWA
MAYOR



CARL M. KAUPALOLO
CHIEF

NEAL A. BAL
DEPUTY CHIEF

COUNTY OF MAUI
DEPARTMENT OF FIRE AND PUBLIC SAFETY

200 DAIRY ROAD
KAHULUI, MAUI, HAWAII 96732
(808) 270-7561
FAX (808) 270-7919

August 24, 2004

Matthew Slepín, Planner
Munekiyo & Hiraga, Inc.
305 High Street
Wailuku, Hawaii 96793

Subject: Environmental Assessment- Lahaina Wastewater Pump Station

Dear Matthew Slepín,

I have had an opportunity to review the general details of the project and I do not have any concerns or comments at this time. Please feel free to contact me at 270-7568 if there are any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Valeriano F. Martin".

Valeriano F. Martin
Captain
Fire Prevention Bureau



DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
COUNTY OF MAUI

SEP 02 2004

ALAN M. ARAKAWA
Mayor

ALICE L. LEE
Director

HERMAN T. ANDAYA
Deputy Director

200 SOUTH HIGH STREET • WAILUKU, HAWAII 96793 • PHONE (808) 270-7805 • FAX (808) 270-7165

August 27, 2004

Mr. Matthew Slepín, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Mr. Slepín:

Subject: Lahaina Wastewater Pump Station Nos. 5 & 6 -
Force Main Replacement; TMK
4-6-2,3,5,6,7,11 and 12

We have reviewed your August 19, 2004 letter and enclosures and would like to request that you consult with Kaanapali Development Corporation as they are planning to develop affordable housing in the area around the former Wainee Village.

Very truly yours,


ALICE L. LEE
Director

c: Housing Administrator



October 22, 2004

Alice Lee, Director
County of Maui
Department of Housing and Human Concerns
200 South High Street
Wailuku, Hawaii 96793

**SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement**

Dear Ms. Lee:

Thank you for your letter of August 27, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note that Kaanapali Development Corporation will be contacted with regard to the proposed Waiee Affordable subdivision.

Thank you again for providing your input to the proposed action. A copy of the Draft Revised EA will be provided to your office for review and comment.

Very truly yours,

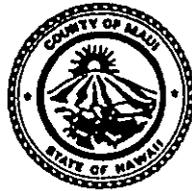
Matthew M. Slepina, Planner

MMS:tn

cc: Eric Nakagawa, Dept. of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rte/hn5&6/dhnc.res

ALAN M. ARAKAWA
Mayor



AUG 27 2004
GLENN T. CORREA
Director

JOHN L. BUCK III
Deputy Director

(808) 270-7230
Fax (808) 270-7934

DEPARTMENT OF PARKS & RECREATION
700 Hali'a Nako'a Street, Unit 2, Wailuku, Hawaii 96793

August 24, 2004

Mr. Matthew Slepín, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

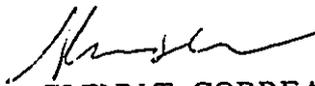
Dear Mr. Slepín:

SUBJECT: Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main
Replacement; TMK 4-6-2,3,5,6,7,11 and 12

Thank you for the opportunity to review the subject project. We have no comments to submit at this time.

Please contact me or Mr. Patrick Matsui, Chief of Parks Planning and Development, at extension 7387 if there are any questions.

Sincerely,

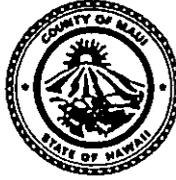

GLENN T. CORREA
Director

c: Patrick Matsui, Chief of Parks Planning and Development

ALAN M. ARAKAWA
Mayor

MICHAEL W. FOLEY
Director

WAYNE A. BOTEILHO
Deputy Director



COUNTY OF MAUI
DEPARTMENT OF PLANNING

September 9, 2004

Mr. Matt Slepín
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Mr. Slepín:

RE: Preliminary Consultation for the Revised Draft Environmental Assessment prepared for the Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main Replacement located at TMKs 4-6-002, 003, 005, 006, 007, 011, and 012 (LTR 2004/3182)

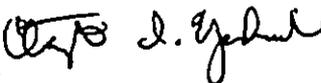
The Maui Planning Department (Department) is in receipt of your request for preliminary consultation comments for the preparation of a revised Draft Environmental Assessment (DEA) prepared for the above referenced project and provides the following comments:

1. Discuss traffic related impacts due to construction activities, especially for the new alignment segment along Honoapiilani Highway. Provide a detailed discussion of proposed mitigative measures.
2. A portion of the project is located within the Special Management Area (SMA) boundaries and will require review in accordance with Chapter 205A, HRS, and the SMA Rules for the Maui Planning Commission. However, please be advised that the Department will assess the project in its entirety pursuant to the significance criteria set forth in §12-202-12, SMA Rules of the Maui Planning Commission.

Mr. Matt Slepik
September 9, 2004
Page 2

Thank you for the opportunity to comment. Please include the Department on the distribution list for the DEA. Should you require additional clarification, please contact Ms. Kivette A. Caigoy, Environmental Planner, at 270-7735.

Sincerely,


MICHAEL W. FOLEY
Planning Director

MWF:KAC:dm

c: Wayne A. Boteilho, Deputy Planning Director
Clayton I. Yoshida, AICP, Planning Program Administrator
Kivette A. Caigoy, Environmental Planner
DPWEM
General File
K:\WP_DOCS\PLANNING\EA\PreConComments\2004\3182_LahWWPumpStn.wpd



October 22, 2004

Michael Foley, Director
County of Maui
Department of Planning
250 South High Street
Wailuku, Hawaii 96793

**SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement**

Dear Mr. Foley,

Thank you for your letter of September 9, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note the following:

1. A discussion of traffic impacts and mitigation will be included in the Draft EA.
2. The applicant acknowledges that a portion of the project corridor lies within the Special Management Area. The applicant will be submitting this project for the proper review pursuant to that and is aware that the project will be assessed in its entirety.

Thank you again for providing your input to the proposed action. A copy of the Draft Revised EA will be provided to your office for review and comment.

Very truly yours,

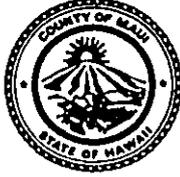
Matthew M. Slep, Planner

MMS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/hn5&6/planning.res

SEP 01 2004



DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
200 South high Street
WAILUKU, MAUI, HAWAII 96793
Telephone (808) 270-7816 • Fax (808) 270-7833

August 27, 2004

Mr. Matthew Slepik, Planner
Munekiyo & Hiraga Inc.
305 High Street
Wailuku HI 96793

Project Name: Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main Replacement
TMK: (2)4-6-002:003, 005, 006, 007, 011 and 012

Dear Mr. Slepik:

Thank you for the opportunity to review this application. We provide the following information:

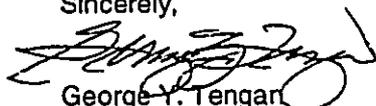
Attached is a map showing the alignment of our existing waterlines along the project site (not to scale). The applicant should coordinate construction plans with our Engineering Division during the development process. This will assist in minimizing potential service disruptions during construction.

In order to conserve water, we recommend that brackish and/or reclaimed water sources be utilized for all non-potable water uses, including dust control during construction, if such water sources are available.

The project overlies the Launiupoko aquifer which has a sustainable yield of 8 MGD. The Department of Water Supply strives to protect the integrity of surface and groundwater resources by encouraging the applicant to adopt Best Management Practices (BMPs) designed to minimize infiltration and runoff from construction and vehicle operations.

Should you have any questions, please contact our Water Resources and Planning Division at 270-7199.

Sincerely,


George Y. Tengatunga
Director

eam
cc: engineering division
applicant, with attachment
Portion of DWS Fire Protection Map



October 22, 2004

George Tengan, Director
County of Maui
Department of Water Supply
200 South High Street
Wailuku, Hawaii 96793

**SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement**

Dear Mr. Tengan:

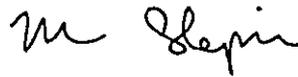
Thank you for your letter of August 27, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note the following:

1. The Department of Public Works and Environmental Management (DPWEM) will coordinate with your department in order to make the implementation of the project as efficient as possible and to minimize potential service disruptions.
2. The DPWEM acknowledges your recommendations regarding the use of brackish and/or reclaimed water for non-potable uses.
3. The DPWEM acknowledges your recommendations regarding Best Management Practices (BMPs) and will be developing a BMP plan for the implementation of the project.

George Tengan, Director
October 22, 2004
Page 2

Thank you again for providing your input to the proposed action. A copy of the Draft Revised EA will be provided to your office for review and comment.

Very truly yours,



Matthew M. Slepina, Planner

MMS:tn

cc: Eric Nakagawa, Dept. of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/hn566/dws.res



ALAN M. ARAKAWA
MAYOR

OUR REFERENCE
YOUR REFERENCE

POLICE DEPARTMENT
COUNTY OF MAUI

55 MAHALANI STREET
WAILUKU, HAWAII 96793
(808) 244-6400
FAX (808) 244-6411

September 7, 2004

SEP 10 2004



THOMAS M. PHILLIPS
CHIEF OF POLICE

KEKUHAPIO R. AKANA
DEPUTY CHIEF OF POLICE

Mr. Matthew Slepín, Planner
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, HI 96793

Dear Mr. Slepín:

SUBJECT: Lahaina Wastewater Pump Station Nos. 5 and 6 – Force Main
Replacement: TMK 4-6-2, 3, 5, 6, 7, 11, and 12

Thank you for your letter of August 19, 2004, requesting comments on the above
subject.

We have reviewed the proposed assessment and have enclosed our comments.
Thank you for giving us the opportunity to comment on this project.

Very truly yours,

Assistant Chief Sydney Kikuchi
for: Thomas M. Phillips
Chief of Police

Enclosure

COPY

TO : THOMAS PHILLIPS, CHIEF OF POLICE, MAUI POLICE DEPARTMENT

VIA : CHANNELS  09/02/04

FROM : VICTOR K. RAMOS, LIEUTENANT, LAHAINA DISTRICT

SUBJECT : LAHAINA WASTEWATER PUMP STATION NUMBERS 5 AND 6

This communication has been forwarded to comment on the revised Force Main Alignment for the Lahaina Wastewater Pump Station Numbers 5 and 6. The original proposal called for an installation of 9,180 lineal feet of new force main within the county roadway "rights of way" predominately along Shaw Street and Front Street. Part of the original proposal included force main alignment installation on Mill Street, owned by Pioneer Mill Company Ltd.

Because of right of way issues on Mill Street, the original proposal regarding Mill Street was deleted. Instead, the revision calls for the installation of a section of the force main within the Honoapiilani Highway right of way, between Dickenson Street and Shaw Street. This proposed revision will, no doubt, have a profound effect on the vehicle traffic, especially during peak hours and weekends on this already over burdened section of Honoapiilani Highway. I recommend that the Department of Public Works find traffic related options to minimize the unfavorable impact construction will have on the motorists and residents. Perhaps the Department of Public Works might consider working during night time or off peak hours.


Lt. Victor K. Ramos
Lahaina District
09/02/04 @ 1648 hours

When work should be done at night

 9/3/04



October 22, 2004

Thomas Phillips, Chief
County of Maui
Police Department
55 Mahalani Street
Wailuku, Hawaii 96793

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement

Dear Chief Phillips,

Thank you for your letter of September 7, 2004 responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note that the Department of Public Works and Environmental Management will be developing and implementing construction traffic control plans intended to minimize traffic disruptions along the project alignment, including Honoapiilani Highway

Thank you again for providing your input to the proposed action. A copy of the Draft Revised EA will be provided to your office for review and comment.

Very truly yours,

Matthew M. Slepina, Planner

MS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfc/thn5&6/mpd.res



Shops & Restaurants
Lahaina, Hawaii 96761
Telephone: 667-2514
Fax: 661-5808

September 1, 2004

Mr. Eric Nakagawa
Dept. of Public Works
Wailuku, HI 96753

Via Fax: 270-7425

Dear Mr. Nakagawa:

Thank you for your concern for the disruptive efforts of the Force Main Replacement project you have planned in Lahaina. I do wish to note some concerns and would appreciate a written reply from you.

1. Routing of the Project

If I understand correctly the routing, it is because of the objections to digging up Front Street "again". Your plan was to use the old cane road mauka of the highway, but this is not possible because of uncertainty about ownership of the cane road. Thus, you will route along county land mauka of the highway. Question: If the purpose of the rerouting was to avoid problems on Front Street, will this proposed routing cause new problems on the highway? Question: What is the extra cost of rerouting versus using Front Street?

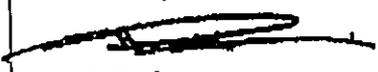
2. "505" Considerations

For our shopping center, 505 Front Street, we have some concerns.

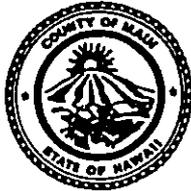
- (a) Will there be through traffic at all times down Shaw Street, and along Front Street, especially at the intersection of Shaw and Front Streets. If there is any closing of any part of the road, for how long will it be. We are especially concerned after 5:00 p.m. when our visitors come to our "Feast at Lele" luau and visit our restaurants.
- (b) When will water be shut off? We have seven eateries here, and they use lots of water at mealtime, but all day long, even at night, they clean wash dishes etc. If there is to be water turned off, please let me know what the plan is, including how long water is turned off. Then we can coordinate with our tenants.

Thank you for your assistance.

Sincerely,


J.J. Elkin

ALAN M. ARAKAWA
Mayor
GILBERT S. COLOMA-AGARAN
Director
MILTON M. ARAKAWA, A.I.C.P.
Deputy Director



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND ENVIRONMENTAL MANAGEMENT
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

RALPH NAGAMINE, L.S., P.E.
Development Services Administration
TRACY TAKAMINE, P.E.
Wastewater Reclamation Division
CARY YAMASHITA, P.E.
Engineering Division
MICHAEL SOUZA
Solid Waste Division
BRIAN HASHIRO, P.E.
Highways Division

COPY

September 14, 2004

Mr. J.J. Elkin
505 Front Street
Shops & Restaurants
Lahaina, Hawaii 96761

Dear Mr. Elkin:

**SUBJECT: LAHAINA WASTEWATER PUMP STATION NOS. 5 AND 6 -FORCE
MAIN IMPROVEMENTS**

Thank you for responding to our early consultation letter for the subject project. I have forwarded your letter to our consultants, Munekiyo & Hiraga, Inc., who is processing our Environmental Assessment for the subject project. However, we would like to clarify some of the concerns you have stated in your September 1, 2004 letter.

1. *Question: If the purpose of the rerouting was to avoid problems on Front Street, will this proposed routing cause new problems on the highway? What is the extra cost for rerouting versus using Front Street?*

The alignment of the sewer forcemain was chosen by our department with the input of our consultants and the public. During the preliminary design stages of this project, a public meeting was held for the businesses and residents of Lahaina to present several alternatives/alignments for the new forcemain. They expressed their concerns for each alternative and an alignment was chosen.

The main problems related to installing the new forcemain along Front Street are traffic and impacts on the businesses in that area. Front Street is a narrow road and construction on this road would cause traffic to slow down significantly. Front Street had drainage improvements and roadway resurfacing done in the past and the businesses claimed they lost thousands of dollars because of the low volume of customers due to construction. The forcemain would also be underwater if it was installed within Front Street because of the low elevation. Therefore, by going along Honoapiilani Highway we eliminate most of these problems that Front Street would have. The forcemain is two feet outside the right-of-way for the highway which is

Mr. Elkin
September 14, 2004
Page 2

mauka of the Wili Wili trees (except for approximately 100 feet where we are two feet inside the trees) causing minimal disruption to traffic. The traffic control plan for the highway shows two traffic lanes open at all times. Traffic will still be able to drive by the businesses along Front Street.

Two-thirds of the forcemain will not be underwater making it easier for construction and in return cheaper to install. Based on our preliminary cost estimates, both alternatives are approximately the same cost.

2. (a) *Will there be through traffic at all times down Shaw Street, and along Front Street, especially at the intersection of Shaw and Front Streets?*

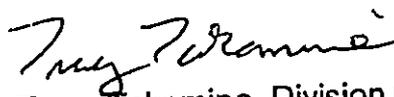
The traffic control plan for Front Street and Shaw Street has one lane of traffic open at times for local traffic only. However, due to the limited space along Front Street and Shaw Street, it is possible that we may need to close both streets, one at a time, because of safety issues. Work hours are from 7:00 am to 3:30 pm and the roads will be open at the end of each day.

- (b) *When will water be shut off?*

The contractor will be responsible to coordinate the improvements with the owners when affecting their parcel. They will have the option of bypassing the existing sewer lateral or provide a temporary facility. We do not expect any water shut off but it may be possible under some circumstances. If the contractor does shut off water, they will need to notify the affected owners in advance and minimize that duration with all means possible.

Your comments and concerns are greatly appreciated. Be assured that we will try to minimize the affects to the businesses and residents as best as we can. If you have any other questions or concerns, please call Eric Nakagawa, the project engineer, at 270-7422.

Sincerely,



Tracy Takamine, Division Chief
Wastewater Reclamation Division

cc: Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.



September 3, 2004

Mathew Slepín, Planner
Munekiyo & Hiraga, Inc.
305 High Street, suite 104
Wailuku, HI 96793

SUBJECT: Lahaina Wastewater Pump Station Nos. 5 and 6 – Force
Main Replacement: TMK 4-6-2, 3,5,6,7,11 and 12

Dear Mr. Slepín:

At our regular LahainaTown Action Committee board meeting on September 2, 2004 we discussed the letter you kindly sent us dated August 19, 2004.

Originally, several years ago, the Department had rerouted the project from Front Street to mauka of the highway, along the sugar cane road. We understand why this is no longer possible.

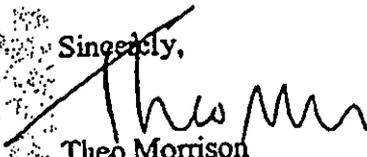
However we wonder why the project has to disturb the highway, versus a route on Front Street or Waínee Street which would cause less disruption.

Accordingly, because of the changed situation we request a Community Meeting to discuss your revised plans.

We would suggest a public meeting at King Kamehameha III School as it is very important that the public meeting be held in the area most affected by the project.

We look forward to your reply.

Sincerely,


Theo Morrison
Executive Director

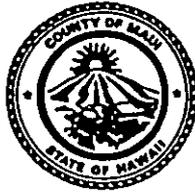
J.J. Elkin
Board Member

Cc: Eric Nakagawa, Dept. of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.



Event Hotline: On Maui: 808.667.9194 Mainland (toll free) 888.310.1117
LahainaTown Action Committee: • phone: 808.667.9175 • fax: 808.661.4779
Visit us on the web at: www.visitlahaina.com • email: info@visitlahaina.com • 648 Wharf Street • Lahaina Maui, Hawaii 96761
Lahaina Visitor Center • phone: 808.667.9193 • Old Lahaina Courthouse • 648 Wharf Street • Lahaina, HI 96761

ALAN M. ARAKAWA
Mayor
GILBERT S. COLOMA-AGARAN
Director
MILTON M. ARAKAWA, A.I.C.P.
Deputy Director



COUNTY OF MAUI
DEPARTMENT OF PUBLIC WORKS
AND ENVIRONMENTAL MANAGEMENT
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793

RALPH NAGAMINE, L.S., P.E.
Development Services Administration

TRACY TAKAMINE, P.E.
Wastewater Reclamation Division

CARY YAMASHITA, P.E.
Engineering Division

Solid Waste Division

BRIAN HASHIRO, P.E.
Highways Division

October 15, 2004

Theo Morrison, Executive Director
Lahaina Town Action Committee
648 Wharf Street, Suite 102
Lahaina, Hawaii 96761

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station Force Main Replacement

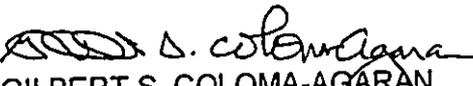
Dear Ms. Morrison:

Thank you for your letter of September 3, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui.

We note that when this project was initially presented at a community meeting, concern was expressed regarding the routing of the project along Front Street. Please refer to the enclosed letter dated December 19, 2000. In further considering the early community comments regarding the Front Street alignment, the Department reviewed construction impact implications along alternative routes and determined that the Mill Street alignment (which was originally proposed) was preferred. With land title issues arising, the Mill Street alternative was deemed problematic and the Honoapiilani Highway option was opened for consideration. The Department believes that construction impacts along the Honoapiilani Highway route can be adequately managed through appropriate traffic control measures.

Thank you again for providing your early input to the proposed action. A copy of the Draft Revised Environmental Assessment will be provided to your organization for review and comment. Copies of the EA will also be available at the Lahaina Public Library. Environmental law in the State of Hawaii provides for a thirty-day period following the publication of the Draft Revised EA, in which public comment is invited. It is our hope that the Lahaina Town Action Committee and any other interested parties will avail themselves of the information provided by the EA.

Very truly yours,


GILBERT S. COLOMA-AGARAN
Director, Department of Public Works and
Environmental Management

Enclosure
rf07hn5&6lahacntown.ltr

Chapter X

***Letters Received During the Draft
Environmental Assessment Public
Comment Period and Responses
to Substantive Comments***

X. LETTERS RECEIVED DURING THE DRAFT ENVIRONMENTAL ASSESSMENT PUBLIC COMMENT PERIOD AND RESPONSES TO SUBSTANTIVE COMMENTS

A Revised Draft Environmental Assessment for the subject project was filed and published in the Office of Environmental Quality Control's The Environmental Notice on November 8, 2004. During the 30-day public comment period, agencies were provided the opportunity to comment on the proposed action. This section incorporates the comments received during the 30-day comment period between November 8, 2004 and December 8, 2004. Responses to the substantive comments are also incorporated herein.



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U. S. ARMY ENGINEER DISTRICT, HONOLULU
FT. SHAFTER, HAWAII 96858-5440

DEC 02 2004

November 30, 2004

Regulatory Branch

Mr. Matthew Slepín
Project Manager
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, HI 96793

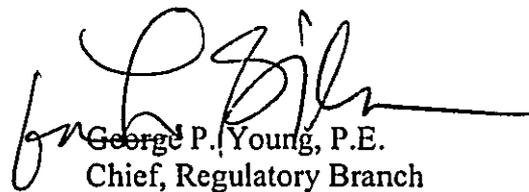
Dear Mr. Slepín:

This responds to a request for written comments to the revised draft Environmental Assessment (dEA) which will address activities and impacts of the proposed Lahaina Wastewater Pump Station Nos. 5 & 6, Lahaina, Maui Island (TMK (2) 3-2-012: por. 1).

The dEA indicates that no waters of the United States, as represented by perennial or intermittent streams and wetlands, are in, or adjacent to, the proposed project area. The dEA should state in appropriate sections that there is no potential for waters of the U.S. to be impacted by construction of project structures and associated ground disturbing activities within the proposed improvement areas. As proposed therefore, it is determined that a Department of Army (DA) permit for Section 404 activities of the Clean Water Act will not be required for the proposed force main improvements in Lahaina.

Thank you for your consideration of potential impacts to the aquatic environment of the Lahaina watershed. Please contact Mr. Farley Watanabe of my staff at 438-7701, or facsimile 438-4060, if you have any questions or need additional information. Please refer to File Number POH-2004-1095 in any future correspondence with us.

Sincerely,


George P. Young, P.E.
Chief, Regulatory Branch



January 7, 2005

George Young, Chief
Department of the Army
Regulatory Branch
U.S. Army Engineer District
Honolulu, Hawaii 96858

SUBJECT: Draft Revised Environmental Assessment (DEA) For Proposed Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main Improvements, TMK (2) 3-2-012:001, Lahaina, Maui, Hawaii

Dear Chief Young,

Thank you for your letter of November 30, 2004, responding to our request for comments on the Draft Revised Environmental Assessment concerning proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note that the recommended changes regarding the lack of potential for U.S. waters to be impacted by the project will be incorporated into the Final Environmental Assessment. We also acknowledge your determination that a Department of Army permit will not be required for the proposed project.

Thank you again for providing your input to the proposed action.

Very truly yours,

A handwritten signature in black ink, appearing to read "M. Slepina", written in a cursive style.

Matthew M. Slepina, Planner

MMS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/hn586/army.res

environmental
planning

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

235 SOUTH BERETANIA STREET
SUITE 702
HONOLULU, HAWAII 96813
TELEPHONE (808) 586-4185
FACSIMILE (808) 586-4186
E-mail: oeqc@health.state.hi.us

December 6, 2004

DEC 10 2004

GENEVIEVE SALMONSON
DIRECTOR

Mr. Gilbert Coloma-Agaran, Director
Department of Public Works and Environmental Management
200 South High Street
Wailuku, Hawai'i 96809

Dear Mr. Coloma-Agaran:

Subject: Revised Draft Environmental Assessment for the Lahaina Wastewater Pump Station Nos.
5 & 6 - Force Main Improvements, Maui

Thank you for the opportunity to review the subject document. We have the following comment.

1. Please include a list of permits that are required for the project.

Should you have any questions, please call Jeyan Thirugnanam at 586-4185.

Sincerely,


Genevieve Salmonson
Director

C: Munekiyo & Arakawa



January 7, 2005

Genevieve Salmonson, Director
State of Hawaii
Office of Environmental Quality Control
235 South Beretania Street, Suite 702
Honolulu, Hawaii 96813

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement

Dear Ms. Salmonson:

Thank you for your letter of December 6, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note that the revised project will be seeking the same permits and approvals as that which was described in the Final Environmental Assessment (EA) which was published in September 2002. A list of the permits and approvals required will be included in the Final Revised EA.

Thank you again for providing your input to the proposed action.

Very truly yours,

A handwritten signature in black ink, appearing to read "M Slepina", written in a cursive style.

Matthew M. Slepina, Planner

MMS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/lhn5&6/oeqc.res

environment
planning

305 High Street, Suite 104 Wailuku, Hawaii 96793 • ph: (808)244-2015 fax: (808)244-8729 • planning@mhinc.com

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HEALTH
MAUI DISTRICT HEALTH OFFICE
54 HIGH STREET
WAILUKU, MAUI, HAWAII 96793-2102

November 9, 2004

NOV 12 2004

CHIYOME L. FUKINO, M. D.
DIRECTOR OF HEALTH

LORRIN W. PANG, M. D., M. P. H.
DISTRICT HEALTH OFFICER

Mr. Matthew Slep
Munekiyo & Hiraga, Inc.
305 South High Street, Suite 104
Wailuku, Hawai'i 96793

Dear Mr. Slep:

Subject: **Draft Revised Environmental Assessment (DEA) for Proposed
Lahaina Wastewater Pump Stations No. 5 and 6 – Force Main
Improvements, TMK: (2) 3-2-012: 001**

We have no further comments to offer beyond those offered in my letter to you dated
September 9, 2004.

Should you have any questions, please call me at 984-8230.

Sincerely,

A handwritten signature in black ink, appearing to be "H. Matsubayashi", enclosed in a circular scribble.

Herbert S. Matsubayashi
District Environmental Health Program Chief

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809
December 9, 2004

DEC 10 2004

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. EZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

LD-NAV
LAHAINAWASTERPUMP.RCM

Munekiyo and Hiraga, Inc.
Mich Hirano, AICP
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Mr. Hirano:

SUBJECT: Draft Environmental Assessment for Lahaina Wastewater Pump
Station Department of Public Works COM

Thank you for the opportunity to review and comment on the subject
matter.

The Department of Land and Natural Resources' (DLNR) Land Division
distributed or made available a copy of the document pertaining to the subject
matter to the following DLNR Divisions for their review and comment:

- Division of Forestry and Wildlife
- Engineering Division
- Commission on Water Resource Management
- Office of Conservation and Coastal Lands
- Land-Maui District Land Office

Enclosed please find a copy of the Engineering Division comments.

Based on the attached responses, the Department of Land and Natural
Resources has no other comment to offer.

If you have any questions, please feel free to contact Nicholas A.
Vaccaro of the Land Division Support Services Branch at 1-808-587-0384.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Dierdre S. Mamiya".

DIERDRE S. MAMIYA
Administrator

C: MDLO

LINDA LINGLE
GOVERNOR OF HAWAII

RECEIVED
LAND DIVISION

2004 NOV 29 P 3:50



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
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KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

November 26, 2004

LD/NAV
LAHAINAWASTERPUMP.COM

Suspense Date: 12/3/04

MEMORANDUM:

TO: XXX Division of Forestry and Wildlife
XXX Office of Conservation and Coastal Lands
XXX Commission on Water Resource Management
XXX Engineering Division
XXX Maui District Land Office

FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment (DEA)
Proposed: Lahaina Wastewater Pump Station
Applicant: Department of Public Works COM
Consultant: Munekiyo & Hiraga, Inc.

Please review the attached DEA pertaining to the subject matter and submit your comments if any on Division letterhead signed and dated by the suspense date. If you have any questions, please contact Nicholas A. Vaccaro at 587-0384.

If this office does not receive your comments by the suspense date, we will assume there are no comments.

() We have no comments.

(X) Comments attached.

Signed: *Dierdre Mamiya*

Date: 11/29/04

04 NOV 26 PM 03:45 ENGINEERING

DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

LA/NAV

Ref.: LAHAINAWASTEWATERPUMP.COM

COMMENTS

- (X) We confirm that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Zone C. The National Flood Insurance Program does not have any regulations for development within Zone C.
- () Please take note that the project site, according to the Flood Insurance Rate Map (FIRM), is located in Zone.
- () Please note that the correct Flood Zone Designation for the project site according to the Flood Insurance Rate Map (FIRM) is ____.
- () Please note that the project must comply with the rules and regulations of the National Flood Insurance Program (NFIP) presented in Title 44 of the Code of Federal Regulations (44CFR), whenever development within a Special Flood Hazard Area is undertaken. If there are any questions, please contact the State NFIP Coordinator, Ms. Carol Tyau-Beam, of the Department of Land and Natural Resources, Engineering Division at (808) 587-0267.

Please be advised that 44CFR indicates the minimum standards set forth by the NFIP. Your Community's local flood ordinance may prove to be more restrictive and thus take precedence over the minimum NFIP standards. If there are questions regarding the local flood ordinances, please contact the applicable County NFIP Coordinators below:

- () Mr. Robert Sumimoto at (808) 523-4254 or Mr. Mario Siu Li at (808) 523-4247 of the City and County of Honolulu, Department of Planning and Permitting.
- () Mr. Kelly Gomes at (808) 961-8327 (Hilo) or Mr. Kiran Emler at (808) 327-3530 (Kona) of the County of Hawaii, Department of Public Works.
- () Mr. Francis Cerizo at (808) 270-7771 of the County of Maui, Department of Planning.
- () Mr. Mario Antonio at (808) 241-6620 of the County of Kauai, Department of Public Works.
- () The applicant should include project water demands and infrastructure required to meet water demands. Please note that the implementation of any State-sponsored projects requiring water service from the Honolulu Board of Water Supply system must first obtain water allocation credits from the Engineering Division before it can receive a building permit and/or water meter.
- () The applicant should provide the water demands and calculations to the Engineering Division so it can be included in the State Water Projects Plan Update.

- () Additional Comments: _____
- () Other: _____

Should you have any questions, please call Mr. Andrew Monden of the Planning Branch at 587-0229.

Signed: Eric T. Hirano
For ERIC T. HIRANO, CHIEF ENGINEER

Date: 11/29/04

1329

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

November 26, 2004

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

LD/NAV
LAHAINAWASTERPUMP.COM

Suspense Date: 12/3/04

MEMORANDUM:

TO: XXX Division of Forestry and Wildlife
XXX Office of Conservation and Coastal Lands
XXX Commission on Water Resource Management
XXX Engineering Division
XXX Maui District Land Office

FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment (DEA)
Proposed: Lahaina Wastewater Pump Station
Applicant: Department of Public Works COM
Consultant: Munekiyo & Hiraga, Inc.

Please review the attached DEA pertaining to the subject matter and submit your comments if any on Division letterhead signed and dated by the suspense date. If you have any questions, please contact Nicholas A. Vaccaro at 587-0384.

If this office does not receive your comments by the suspense date, we will assume there are no comments.

We have no comments.

Comments attached.

Signed: Paul J. Conry

Date:

**PAUL J. CONRY, ADMINISTRATOR
DIVISION OF FORESTRY AND WILDLIFE**

NOV 30 2004

2004 DEC - 2 P 3:36
RECEIVED
LAND DIVISION

LINDA LINGLE
GOVERNOR OF HAWAII

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04 NOV 29 A 9:42



COMMISSION ON WATER RESOURCES
STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

November 26, 2004

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
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COMMISSION ON WATER RESOURCE MANAGEMENT
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KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

LD/NAV
LAHAINAWASTERPUMP.COM

Suspense Date: 12/3/04

MEMORANDUM:

From: TO: XXX Division of Forestry and Wildlife
XXX Office of Conservation and Coastal Lands
XXX Commission on Water Resource Management
XXX Engineering Division
XXX Maui District Land Office

To: FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment (DEA)
Proposed: Lahaina Wastewater Pump Station
Applicant: Department of Public Works COM
Consultant: Munekiyo & Hiraga, Inc.

Please review the attached DEA pertaining to the subject matter and submit your comments if any on Division letterhead signed and dated by the suspense date. If you have any questions, please contact Nicholas A. Vaccaro at 587-0384.

If this office does not receive your comments by the suspense date, we will assume there are no comments.

We have no comments.

Comments attached.

Signed:

Date:

2004 DEC -1 P 10:3

RECEIVED

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

November 26, 2004

PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
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BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
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KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

LD/NAV
LAHAINAWASTERPUMP.COM

Suspense Date: 12/3/04

MEMORANDUM:

TO: XXX Division of Forestry and Wildlife
XXX Office of Conservation and Coastal Lands
XXX Commission on Water Resource Management
XXX Engineering Division
XXX Maui District Land Office

FROM: Dierdre S. Mamiya, Administrator
Land Division

SUBJECT: Draft Environmental Assessment (DEA)
Proposed: Lahaina Wastewater Pump Station
Applicant: Department of Public Works COM
Consultant: Munekiyo & Hiraga, Inc.

2004 DEC -6 P 3:45
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NOV 29 2004

Please review the attached DEA pertaining to the subject matter and submit your comments if any on Division letterhead signed and dated by the suspense date. If you have any questions, please contact Nicholas A. Vaccaro at 587-0384.

If this office does not receive your comments by the suspense date, we will assume there are no comments.

We have no comments.

Comments attached.

Signed: *Charles S. Underhill*

Date: 12-2/04



January 7, 2005

Dierdre Mamiya, Administrator
State of Hawaii
Department of Land and Natural Resources
Post Office Box 621
Honolulu, Hawaii 96809

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement

Dear Ms. Mamiya:

Thank you for your letter of December 9, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. Thank you for your confirmation that the project site is located within Flood Zone C, an area without developmental regulations.

Thank you again for providing your input to the proposed action.

Very truly yours,

Matthew M. Slep, Planner

MMS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

re/thn586/dlnr.res

environment
planning

LINDA LINGLE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

December 2, 2004

DEC 14 2004

RODNEY K. HARAGA
DIRECTOR

Deputy Directors
BRUCE Y. MATSUI
BARRY FUKUNAGA
BRIAN H. SEKIGUCHI

IN REPLY REFER TO:

STP 8.1475

Mr. Gilbert Coloma-Agaran
Director
Department of Public Works and Environmental Management
County of Maui
200 South High Street
Wailuku, Hawaii 96793

Dear Mr. Coloma-Agaran:

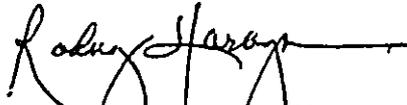
Subject: Proposed Lahaina Wastewater Pump Station Nos. 5 & 6 – Force Main
Improvements, Revised Draft Environmental Assessment
TMK: (2) 3-2-012: 001

We are submitting our comments in reply to your November 5, 2004 letter requesting our review of the subject wastewater project.

Plans, schedules, and construction within or adjoining our right-of-way along Honoapiilani Highway, including project activities in the streets intersecting our highway should be coordinated with our Highways Division through the Division's Maui District Office. Every effort should be made to avoid or minimize any impact on our roadway infrastructure/facilities including traffic delays.

We appreciate the opportunity to provide our comments.

Very truly yours,


RODNEY K. HARAGA
Director of Transportation

c: Eric Nakagawa, Department of Public Works and Waste Management
Matthew Slepín, Munekiyo & Hiraga, Inc.
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.



January 7, 2005

Rodney Haraga, Director
State of Hawaii
Department of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement

Dear Mr. Haraga:

Thank you for your letter of December 2, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note that coordination will be undertaken with your Department's Maui District Office for all project activities that affect the State's Honoapiilani Highway. The proposed action will be implemented so as to minimize impacts to the highway, including traffic delays.

Thank you again for providing your input to the proposed action.

Very truly yours,

Matthew M. Slep, Planner

MMS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfc/hn5&6/dot.res



DEPARTMENT OF
HOUSING AND HUMAN CONCERNS
COUNTY OF MAUI

NOV 16 2004

ALAN M. ARAKAWA
Mayor

ALICE L. LEE
Director

HERMAN T. ANDAYA
Deputy Director

200 SOUTH HIGH STREET • WAILUKU, HAWAII 96793 • PHONE (808) 270-7805 • FAX (808) 270-7165

November 9, 2004

Mr. Matthew Slepín
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Mr. Slepín:

Subject: Draft Revised Environmental Assessment For
Proposed Lahaina Wastewater Pump Station Nos.
5 and 6 - Force Main Improvements,
TMK (2)3-2-012:001, Lahaina, Maui, Hawaii

In response to Mr. Gilbert Coloma-Agaran's November 4, 2004
letter, we have reviewed the Draft Revised Environmental
Assessment for the subject project and do not have any comments
to offer.

Thank you for the opportunity to comment. We are returning
the Draft Revised Environmental Assessment for your use.

Very truly yours,

ALICE L. LEE

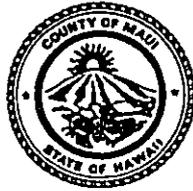
Director

ETO:bp

Attachment

c: Housing Administrator

ALAN M. ARAKAWA
Mayor



DEC 06 2004

GLENN T. CORREA
Director

JOHN L. BUCK III
Deputy Director

(808) 270-7230
Fax (808) 270-7934

DEPARTMENT OF PARKS & RECREATION

700 Hali'a Nakoa Street, Unit 2, Wailuku, Hawaii 96793

November 29, 2004

Mr. Matthew Slep
Munekiyo & Hiraga, Inc.
305 High Street, Suite 104
Wailuku, Hawaii 96793

Dear Mr. Slep:

**SUBJECT: DRAFT REVISED ENVIRONMENTAL ASSESSMENT (DEA) FOR
PROPOSED LAHAINA WASTEWATER PUMP STATION NOS. 5
AND 6-FORCE MAIN IMPROVEMENTS, TMK (2) 3-2-012:001,
LAHAINA, MAUI, HAWAII**

We have reviewed the above referenced document and have no objections to the proposed project. However, there are existing improvements to our park such as monkey pod trees, chainlink fencing, and irrigation system that may be impacted by the project. We would request that approval from our department for the proposed improvements that would impact our park be obtained at the appropriate time.

Thank you for the opportunity to review and comment on this matter. Please feel free to contact Mr. Patrick Matsui, Chief of Parks Planning and Development at 270-7387 should you have any other questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Glenn T. Correa".

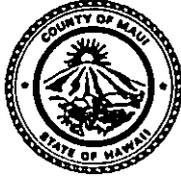
GLENN T. CORREA
Director

c: Patrick Matsui, Chief of Parks Planning and Development
Gilbert Coloma-Agaran, Director of Public Works & Environmental Management

ALAN M. ARAKAWA
Mayor

MICHAEL W. FOLEY
Director

WAYNE A. BOTEILHO
Deputy Director



COUNTY OF MAUI
DEPARTMENT OF PLANNING

December 7, 2004

DEC 08 2004

Mr. Matthew Slepín
Munekiyo & Hiraga
305 High Street
Wailuku, HI 96793

Dear Mr. Slepín;

RE: Revised Draft Environmental Assessment for the Proposed Lahaina Wastewater Pump Station Nos. 5 and 6 - Force Main Improvements, TMK: 3-2-012: 001, Lahaina, Island of Maui, Hawaii (LTR 2004/4203)

The Maui Planning Department (Department) is in receipt of the above referenced document and provides the following comments:

1. Traffic along Honoapiilani Highway in the project area is congested especially during peak hours. The DEA indicates that the majority of the improvements will be located outside of the Highway Right-of-Way and two (2) lanes will be open. However, the proposed alignment will cross Honoapiilani Highway near the Dickenson and Shaw Street intersections. Please provide a detailed description regarding the proposed traffic control measures implemented during construction for these intersections. For instance, what is the estimated timeframe to complete these section of improvements? Will construction be conducted during non-peak hours? How will the traffic movements be directed?

Thank you for the opportunity to comment. Should you require additional clarification, please contact Ms. Kivette A. Caigoy, Environmental Planner, of this office at 270- 7735.

Sincerely,

Handwritten signature of Michael W. Foley in black ink.

MICHAEL W. FOLEY
Planning Director

MWF:KAC:dm

c: Wayne Boteilho, Deputy Planning Director
Clayton Yoshida, Planning Program Administrator
Kivette A. Caigoy, Environmental Planner
Eric Nakagawa, DPWEM
OEQC
TMK File
General File

K:\WP_DOCS\PLANNING\EA\DEAComments\2004\4203_RevLahWWNos5n6.wpd

250 SOUTH HIGH STREET, WAILUKU, MAUI, HAWAII 96793

PLANNING DIVISION (808) 270-7735; ZONING DIVISION (808) 270-7253; FACSIMILE (808) 270-7634



January 7, 2005

Michael W. Foley, Director
County of Maui
Department of Planning
250 South High Street
Wailuku, Hawaii 96793

SUBJECT: Proposed Revisions to Lahaina 5 and 6 Wastewater Pump Station
Force Main Replacement

Dear Mr. Foley:

Thank you for your letter of December 7, 2004, responding to our request for early consultation comments for the proposed revisions to the Lahaina wastewater pump station force main replacement in Lahaina, Maui. In response to your comments, we note the following:

1. The project alignment calls for the crossing of Honoapiilani Highway at both Shaw Street and Dickenson Street. Construction-related activities at each location will require approximately one (1) week. These activities include not only the physical installation of the force mains, but also restoration of the pavements, repainting of traffic markings, and restoration of the traffic signal loops.
2. The applicant intends to create a minimum of traffic disturbance by the proposed project, although some impacts are inevitable owing to the nature of the action. Wherever feasible, measures will be taken to minimize impacts. This may include limiting construction-related activities to off-peak hours.
3. Traffic movements in both directions will be retained during construction-related activities. For the majority of the installation, it is anticipated that two (2) lanes of traffic will be maintained by using the road shoulder. In the event that this is not feasible at certain portions of the project corridor, flaggers will be utilized to control the traffic movements in alternating flows.

Michael W. Foley, Director
January 7, 2005
Page 2

Thank you again for providing your input to the proposed action.

Very truly yours,



Matthew M. Slepik, Planner

MMS:tn

cc: Eric Nakagawa, Department of Public Works and Environmental Management
Eric Yamashige, Ronald M. Fukumoto Engineering, Inc.

rfe/hn5&6/planningdea.res

References

References

Community Resources, Inc., Maui County Community Plan Update Program: Socio-Economic Forecast Report, June 2002.

County of Maui, Department of Public Works and Environmental Management, Construction Plans for Front Street Improvements, May 1994.

County of Maui, West Maui Community Plan, February 1996.

Federal Emergency Management Agency, Flood Insurance Rate Map, Community Panel No. 150003 0163C, August 1998.

Maui County Data Book, 2003.

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Appendix A

***State Historic Preservation
Division Letter Dated
November 30, 2004***

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING, ROOM 555
801 KAMOKILA BOULEVARD
KAPOLEI, HAWAII 96707

1/92
PETER T. YOUNG
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCE
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND PRESERVE COMMISSION
LAND
STATE PARKS

November 30, 2004

Robert Spear, Ph.D.
Scientific Consultant Services, Inc.
711 Kapiolani Boulevard, Suite 975
Honolulu, Hawaii 96813

LOG NO: 2004.3432
DOC NO: 0411MK13

Dear Dr. Spear:

SUBJECT: Chapter 6E-42 Historic Preservation Review of an Archaeological Monitoring Plan for Work on County Highway Permit Application for the Proposed Lahaina 5 & 6 Wastewater Pump Station Force Main Replacement (WTPC 2003/16) [County/DSA] Various Lahaina Ahupua'a, Lahaina District, Island of Maui TMK (2) 4-6-002, 003, 005, 006, 007, 010, 011, and 012

Thank you for the opportunity to review this plan which was initially received at our office on August 18, 2004 (Chaffee and Dega 2004, *Archaeological Monitoring Plan for the Lahaina Wastewater Pump Stations Sewerline Improvements Projects, Various Ahupua'a, Lahaina District, Island of Maui, Hawai'i* [TMK (2) 4-6-002, 003, 005, 006, 007, 010, 011, 012, 015, 016, 027]. Scientific Consultant Services [SCS] ms.). After a joint field inspection, as described below, a revised plan was submitted and received at our office on September 3, 2004.

We have previously provided comments on the above project (Log 30131/Doc 0206CD39; Log 2003.0696/Doc 0305CD55; and Log 2004.3002/Doc 0410CD07). In our earlier correspondence we recommended that archaeological inventory survey in the form of monitoring be conducted. The subsequent two documents included revised recommendations for archaeological monitoring during all ground disturbing activities. The majority of the work will occur in active roadways.

On August 24, 2004 an on-site meeting was held to inspect the areas in which work would occur. Attending the meeting were Dr. Melissa Kirkendall of the State Historic Preservation Division (SHPD), Dr. Michael Dega (SCS), Guerin Tome (SCS), Eric Yamashige (Ronald Fukumoto Engineering) and Eric Nakagawa (County of Maui Water). As a result of the field inspection, the following amendments to the plan submitted on August 18, 2004 were agreed upon:

- Due to the high sensitivity for encountering cultural resources, Area A would be undergo archaeological monitoring full time, and excavation would occur with a flat edge bucket to facilitate controlled excavation in a potentially sandy deposit.

Robert Spear, Ph.D
Page 2

- The archaeological monitor would also screen samples from the excavation bucket to assist in the assessment of presence/absence of cultural deposits.
- Areas B and C would also undergo full time archaeological monitoring. No screening of samples is required within these areas, and a flat edge bucket is only necessary in sand deposits.
- Our understanding of the stratigraphy in Area D is uncertain at this date since portions of this area may have fill deposits. Consequently full time monitoring will be carried out, until such time as the nature of the soil deposits has been adequately assessed, and consultation with the Maui SHPD has been conducted. Should the deposits consist of road fill, the monitoring protocol will be reevaluated.

Thus, the amended revised plan conforms to DLNR/SHPD guidelines governing standards for monitoring and includes the following provisions. An archaeologist will be on site on a full-time basis and will have the authority to halt excavation in the event that cultural materials are identified. Consultation with Maui SHPD will occur in this event, to determine acceptable course of action. If human burials are identified, work will cease, the SHPD Burial Sites Program, Maui SHPD, O'ahu SHPD and the Maui/Lana'i Islands Burial Council will be notified, and compliance with procedures outlined in HRS 6.E-43 will be followed. Coordination meetings with the construction crew will be held prior to project initiation. The plan further indicates that an acceptable report will be submitted to this office within 180 days of project completion.

Please notify our Maui and O'ahu offices, via facsimile, at onset and completion of the project and monitoring program.

The plan is acceptable. If you have any questions, please contact Dr. Melissa Kirkendall at 243-5169.

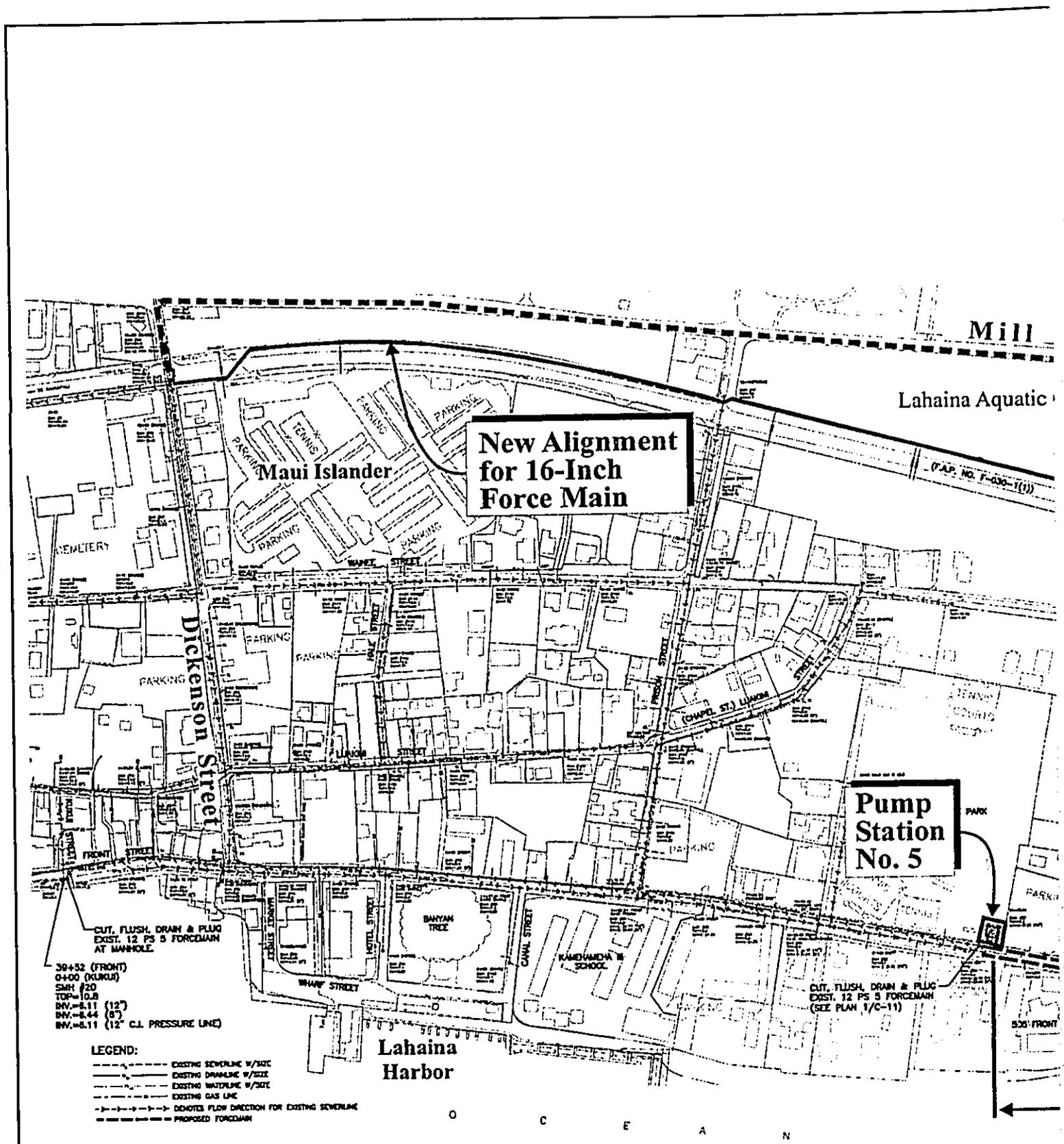
Aloha,


Melanie A. Chinen, Administrator
State Historic Preservation Division

MK:jen

- c Bert Ratte, DPWEM, County of Maui
Michael Foley, Director, Dept of Planning, 250 S. High Street, Wailuku, HI 96793
Maui Cultural Resources Commission, Dept. of Ping, 250 S. High St. Wailuku, HI 96793
Chair, Maui/Lana'i Islands Burial Council
Kana'i Kapeliela, Burial Sites Program

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Source: Ronald M. Fukumoto Engineering, Inc.

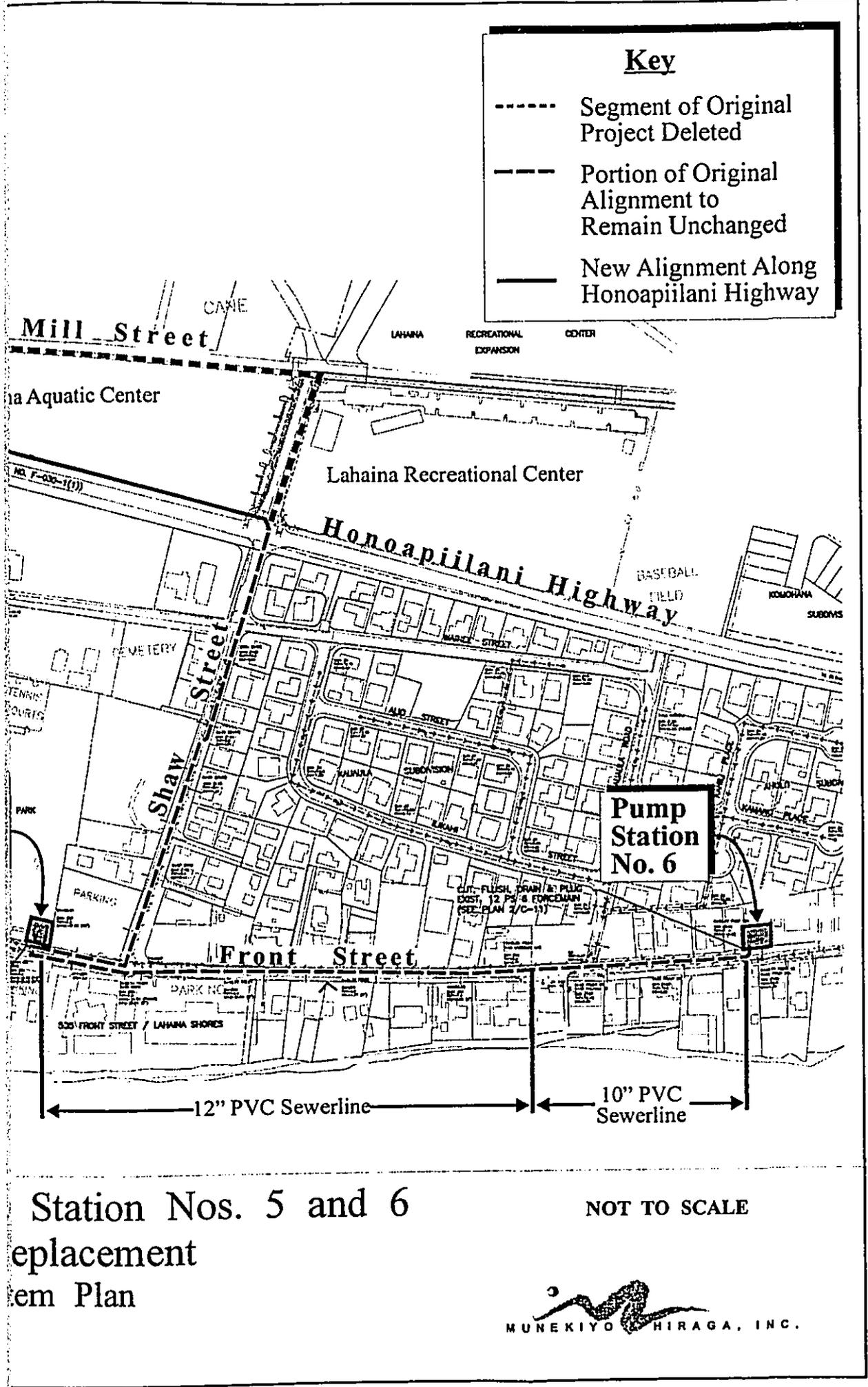
Figure 2

Lahaina Wastewater Pump Station Force Main Replacement Revised System Plan



Prepared for: County of Maui, Department of Public Works and Environmental Management

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Station Nos. 5 and 6
Replacement
Plan

NOT TO SCALE

