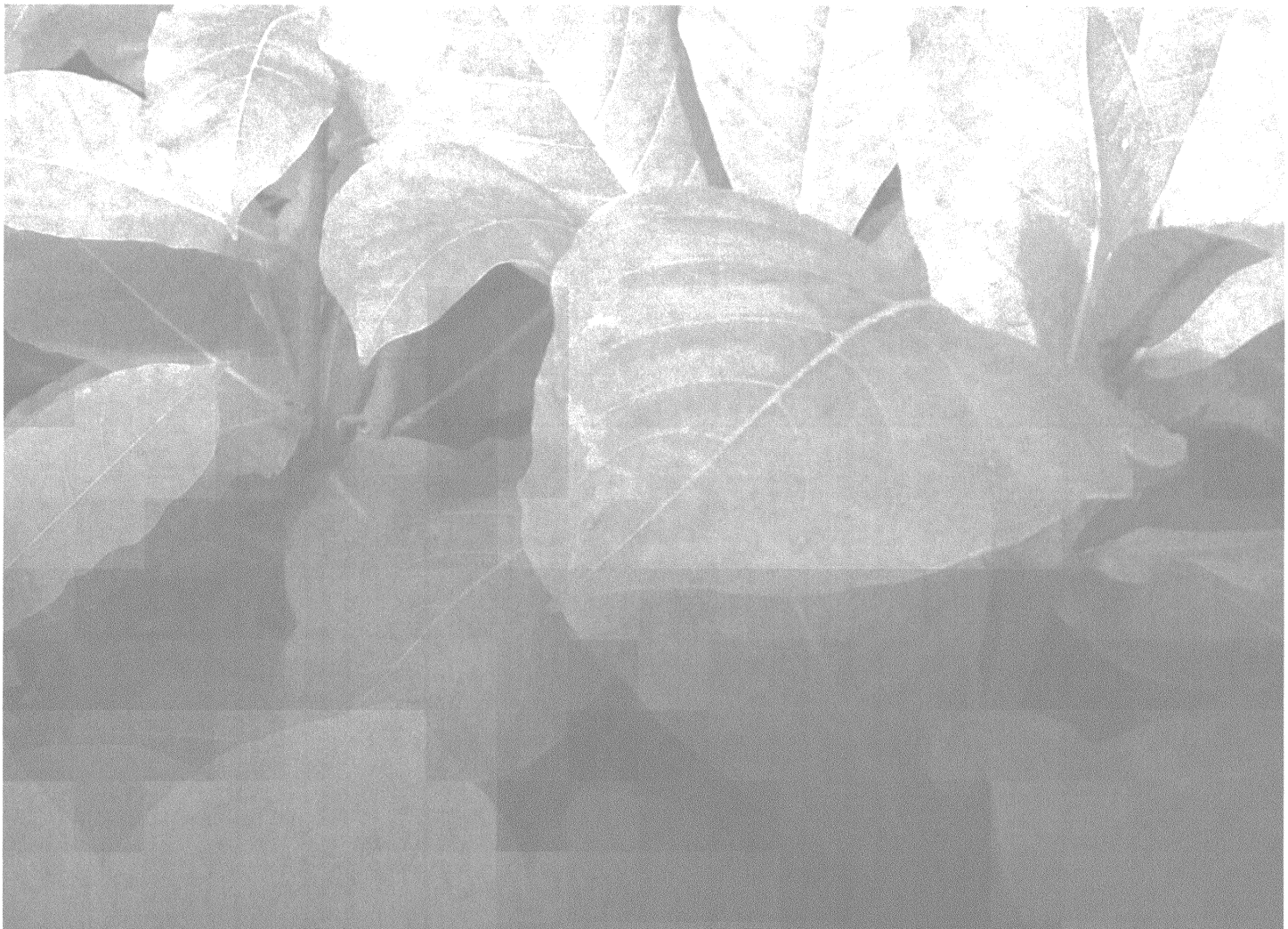

HAWAI'I PUBLIC HOUSING AUTHORITY

Environmental Reviews for Federally-Subsidized Public Projects

MAUI COUNTY

Prepared For
HAWAI'I PUBLIC HOUSING AUTHORITY
STATE OF HAWAI'I

Prepared By
HELBER HASTERT FEE, PLANNERS

NOVEMBER 2010

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Hawai'i Public Housing Authority
Environmental Reviews for Federally-Subsidized Public Housing Projects

Maui County Housing Projects
Executive Summary
November 2010

The Hawai'i Public Housing Authority (HPHA) initiated Environmental Reviews (ER) for their existing housing projects statewide in preparation of applying for Federal funding from the U.S. Department of Housing and Urban Development (HUD) to implement various rehabilitation improvements. HPHA is planning to implement various types of rehabilitation improvements to a total of 70 housing projects that are located on five (5) islands within the State of Hawai'i (Hawai'i, Maui, Moloka'i, O'ahu, and Kaua'i).

Helber Hastert and Fee, Planners, Inc. (HHF) was retained by HPHA to conduct these ERs, which were prepared to document the applicability of rehabilitation improvements receiving a Categorical Exclusion under HUD environmental regulations (24 CFR Part 58). The environmental review process covered a range of various topics identified below.

- Historic Preservation
- Floodplain Management
- Wetland Protection
- Coastal Zone Management
- Safe Drinking Water
- Sole Source Aquifer
- Endangered Species
- Wild and Scenic Rivers
- Clean Air
- Farmlands Protection
- Environmental Justice
- Noise Abatement Control
- Explosive and Flammable Operations
- Toxic Chemicals/ Radioactive Materials
- Airport Clear Zones and Accident Potential Zone

Each topic was reviewed to determine if rehabilitation improvements met environmental assessment requirements. Based on the findings from this process, HPHA can evaluate whether rehabilitation improvements implemented for a particular housing project is exempt from preparation of an Environmental Assessment, requires further action, or will cause significant environmental impact.

The process for data collection included literature reviews, site visits, technical studies, and agency consultations. The literature review incorporated careful evaluation of current rules governing ERs (Code of Federal Regulations; Department of Housing and Urban Development rules, Flood Insurance Rate Maps, etc.). Each housing project was physically inspected to facilitate HHF familiarity with the current condition for each site. For each site visit, a digital

photo record was created to document current conditions. Some technical studies were conducted by specialists to address specific environmental resources such as historic properties, flood hazards and hazardous materials. Interviews were conducted with management and maintenance personnel at these housing sites to assess the deficiencies and pressing improvements needed at each site. Letters were transmitted to key State and Federal agencies to determine potential impacts associated with the agencies' regulatory functions, and meetings were also held (U.S. Fish and Wildlife Service) to assist analysis of impacts to federally protected species.

The following is a summary of the findings for public housing projects within the County of Maui listed by housing project name, and HPHA-designated project number. The complete environmental compliance documentation for each housing project is included in this report.

1. DAVID MALO CIRCLE HA#1016

The David Malo Circle housing project was constructed in 1966, and is located in the town of Lahaina on the island of Maui. This housing project is comprised of nine (9) buildings totaling 18 housing units. The development originally functioned as a hotel, which the State later purchased and converted into an affordable housing project.

Based upon a previous environmental review of this housing project in 2002, the State Historic Preservation Division (SHPD) recommended that certain conditions be implemented during all ground altering activities which would mitigate any adverse effects on significant sites. This project was located within the boundaries of the Historic Lahaina District, and it was likely to have once been the location of pre-Contact agricultural activities. Thus, SHPD believes that historic sites may be present in subsurface deposits within the project site.

Consultation with the U.S. Fish and Wildlife Service determined that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater, and Hawaiian Petrel have been observed in the project area. This consultation resulted in the identification of appropriate measures to be implemented to mitigate any impacts associated with the proposed improvements. Consequently, a determination was issued that the project would not adversely affect these species. There were no other environmental resources of concern associated with this housing project.

2. KAHALE MUA HA# 1088

The Kahale Mua housing project was constructed in 1991 and is located in the town of Maunaloa on the island of Moloka'i. This housing project is comprised of nine (9) buildings providing 25 housing units.

Consultation with the U.S. Fish and Wildlife Service determined that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater, and Hawaiian Petrel have been observed in the project area. This consultation resulted in the identification of appropriate measures to be implemented to mitigate any impacts associated with the proposed improvements. Consequently, a determination was issued that the project would not adversely affect these species. There were no other environmental resources of concern associated with this housing project.

3. KAHEKILI TERRACE HA# 1017

The Kahekili Terrace housing project is located at two separate sites that were developed at the same time, in 1996. The project located in the town of Wailuku on the island of Maui. Both housing project sites comprise a total of 15 buildings with a total of 82 housing units.

There were no environmental resources of concern associated with this housing project.

4. MAKANI KAI HALE I HA# 1092

The Makani Kai Hale I housing project was constructed in 1998 and is located in the town of Waiehu on the island of Maui. The housing project is comprised of one building with a total of four housing units.

Consultation with the U.S. Fish and Wildlife Service determined that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater, and Hawaiian Petrel have been observed in the project area. This consultation resulted in the identification of appropriate measures to be implemented to mitigate any impacts associated with the proposed improvements. Consequently, a determination was issued that the project would not adversely affect these species. There were no other environmental resources of concern associated with this housing project.

5. MAKANI KAI HALE II HA# 1098

The Makani Kai Hale I housing project was constructed in 1998 and is located in the town of Waiehu on the island of Maui. The housing project is comprised of eight (8) buildings with a total of 25 housing units.

Consultation with the U.S. Fish and Wildlife Service determined that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater, and Hawaiian Petrel have been observed in the project area. This consultation resulted in the identification of appropriate measures to be implemented to mitigate any impacts associated with the proposed improvements. Consequently, a determination was issued that the project would not adversely

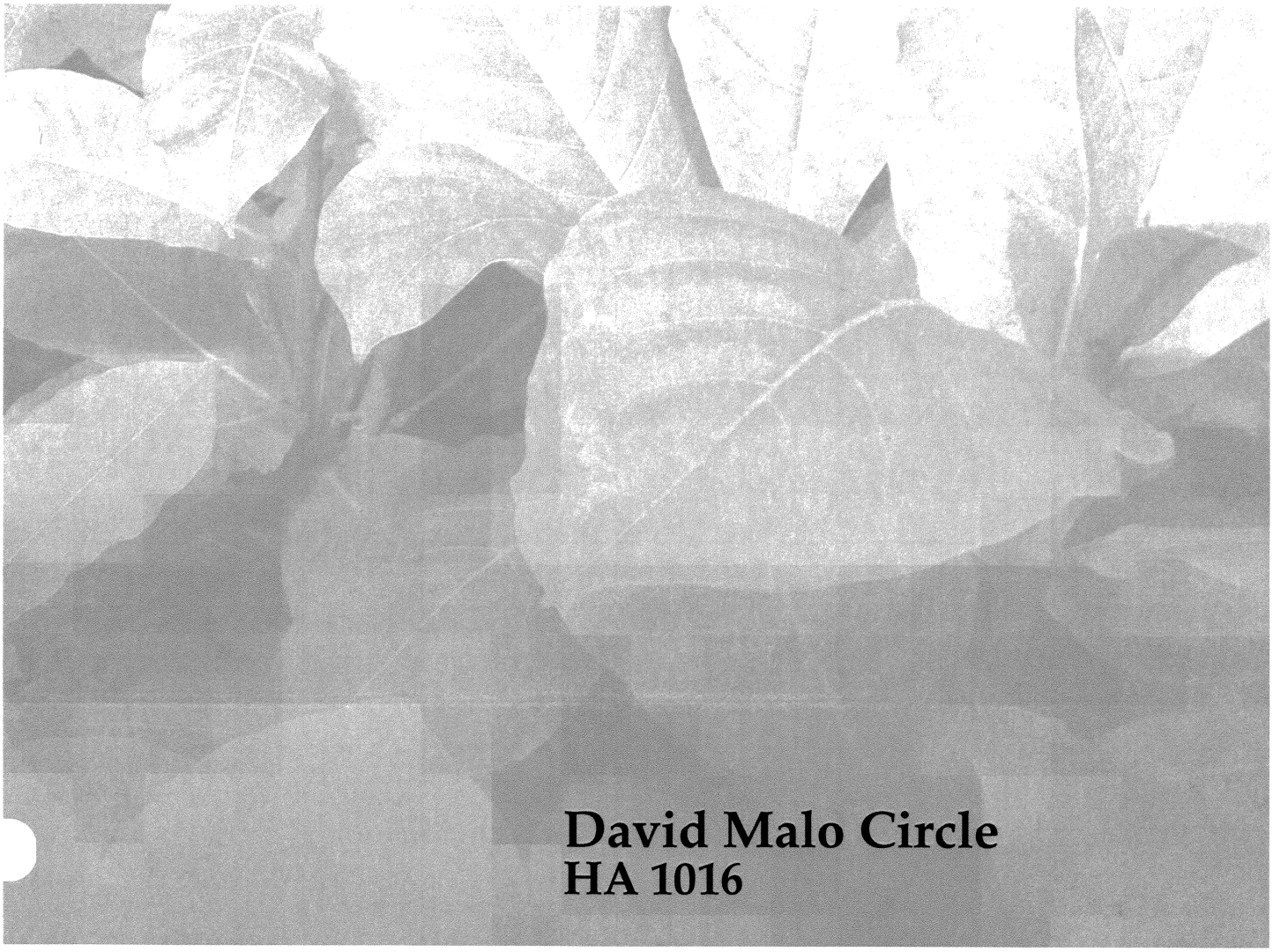
affect these species. There were no other environmental resources of concern associated with this housing project.

6. PI'ILANI HOMES HA# 1044

The Pi'ilani Homes housing project was constructed in 1970 and is located in the town of Lahaina on the island of Maui. This housing project is comprised of nine (9) buildings providing 42 housing units.

Consultation with the U.S. Fish and Wildlife Service determined that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater, and Hawaiian Petrel have been observed in the project area. This consultation resulted in the identification of appropriate measures to be implemented to mitigate any impacts associated with the proposed improvements. Consequently, a determination was issued that the project would not adversely affect these species. There were no other environmental resources of concern associated with this housing project.

David Malo Circle
HA 1016



David Malo Circle
HA 1016

Certification of Categorical Exclusion (subject to 58.5)

Determination of activities listed at 24 CFR 58.35(a)
May be subject to provisions of Sec 58.6, as applicable

Grant Recipient: HPHA Project Name: David Malo Homes
Project Description (Include all actions which are either geographically or functionally related):

Improvements may involve the following:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 719 Mill Street, Lahaina, Maui 96761
Funding Source: CDBG HOME ESG HOPWA EDI (Capital Fund) Operating Subsidy Hope VI (Other)
Funding Amount: _____ Grant Number: _____

I hereby certify that the abovementioned project has been reviewed and determined to be a Categorically Excluded activity (subject to 58.5) per 24 CFR 58.35(a) as follows:

	1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets);
	2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
	3. Rehabilitation of buildings and improvements when the following conditions are met: i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland; ii. In the case of multifamily residential buildings: (A) Unit density is not changed more than 20 percent; (B) The project does not involve changes in land use from residential to non-residential; and (C) The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation. iii. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.
	4. (i) An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between; or (ii) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site. (iii) Paragraphs (a)(4)(i) and (ii) of this section do not apply to rehabilitation of a building for residential use (with one to four units) (see paragraph (a)(3)(i) of this section).

	5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.
X	6. Combinations of the above activities.

The responsible entity must also complete and attach a **Statutory Checklist**. By signing below the Responsible Entity certifies in writing that each activity or project is Categorically Excluded (subject to 58.5) and meets the conditions specified for such exemption under section 24 CFR 58.35(a). Please keep a copy of this determination in your project files.

Mr. Neil Abercrombie
Responsible Entity Certifying Official Name

Governor, State of Hawaii
Title (please print)

Neil Abercrombie
Responsible Entity Certifying Official Signature

5.31.11
Date

Compliance Documentation Checklist
24 CFR 58.6

Project Name: David Malo Homes

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 719 Mill Street, Lahaina, Maui 96761

Level of Environmental Review Determination: Categorically Excluded subject to statutes per § 58.35(a)
(Select One: Exempt per 24 CFR 58.34, or Categorically Excluded not subject to statutes per § 58.35(b), or Categorically Excluded subject to statutes per § 58.35(a), or Environmental Assessment per § 58.36, or EIS per 40 CFR 1500)

STATUTES and REGULATIONS listed at 24 CFR 58.6

FLOOD DISASTER PROTECTION ACT

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard?

(X) No; Cite Source Document: Flood Insurance Rate Map Panel 1500030362E
( ) Yes; Source Document: _____

2. Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

(X) Yes (Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration must be kept on file).
( ) No **(Federal assistance may not be used in the Special Flood Hazards Area).**

COASTAL BARRIERS RESOURCES ACT

1. Is the project located in a coastal barrier resource area?

(X) No; Hawai'i has no coastal barriers (http://www.fws.gov/habitatconservation/coastal_barrier.html).
( ) Yes **(Federal assistance may not be used in such an area).**

AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES DISCLOSURES

1. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

(X) No; Source Documentation: Kahului Airport Master Plan (1993)
Project complies with 24 CFR 51.303(a)(3).

( ) Yes; **Disclosure statement must be provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

STATUTORY CHECKLIST

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS

Grant Recipient: HPHA Project Name: David Malo Homes

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 719 Mill Street, Lahaina, Maui 96761

This project is determined to be categorically excluded according to: [Cite section(s)]: § 58.35(a)

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	**Compliance Documentation**
I. Historic Preservation [36 CFR Part 800]				X	Printed-State and National Registers of Historic Places Field-Site Visit Experience – Prior SHPO consultation
II. Floodplain Management [24 CFR 55, Executive Order 11988]	X				Printed-Flood Insurance Rate Map Pannel Number 1500030362E Field-Site Visit
III. Wetland Protection [Executive Order 11990]	X				Printed-State of Hawai'i Wetlands GIS data (September 2009) Field-Site Visit

IV. Coastal Zone Management Act [16 USC 1451,Sections 307(c), (d)]	X				Contact – State Office of Planning, DBED&T Experience-Previous correspondence with Office of Planning
V. Safe Drinking Water Act (42 USC 201, 300(f) & 21 U.S.C. 349)	X				Printed-42 USC 201, 300(f) & 21 U.S.C. 349 Field-Site Visit
VI. Sole Source Aquifers [40 CFR Part 149]	X				Printed-MOU between HUD & EPA, Region IX, (4/30/1990)
VII. Endangered Species Act [50 CFR Part 402]				X	Contact-US Fish and Wildlife Service
VIII. Wild and Scenic Rivers Act [16 USC 1271, Sections 7(b), and (c)]	X				Printed-List of Wild and Scenic Rivers from the Fish and Wildlife Service (June 2009)
IX. Clean Air Act [40 CFR Parts 6, 51, 93]	X				Printed-State of Hawai'i, Department of Health Clean Air Branch, Annual Summary, Hawai'i Air Quality Data, 2008 http://epa.gov/airquality/greenbk/
X. Farmland Protection Policy Act [7 CFR Part 658]	X				Printed-State of Hawai'i Land Use GIS data (May 2010) Field-Site Visit
XI. Environmental Justice [Executive Order 12898]	X				Printed EO 12898
HUD ENVIRONMENTAL STANDARDS					
XII. Noise Abatement and Control [24 CFR Part 51B]	X				Field-Site Visit
XIII. Explosive and Flammable Operations [24 CFR Part 51C]	X				Printed-CFR Title 24, Part 51.201 Experience-Prior Environmental Reviews done for this property. Field-Site Visit
XIV. Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]				X	Study-EDR Report Field-Site Visit
XV. Airport Clear Zones and Accident Potential Zones [24 CFR Part 51D]	X				Printed-Kahului Airport Master Plan (1993)

DETERMINATION:

( ) This project converts to Exempt, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per Section 58.70 and 58.71 before drawing down funds; OR

( ) The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE: Scott Ezer DATE: December 10, 2010

PREPARER NAME: Mr. Scott Ezer

RESPONSIBLE ENTITY AGENCY

OFFICIAL SIGNATURE: Neil Abercrombie

NAME, TITLE: Mr. Neil Abercrombie, Governor, State of Hawaii DATE: 12.31.11

DAVID MALO CIRCLE (HA # 1016)
TMK: (2) 4-6-010: 028

Hawai'i Public Housing Authority (HPHA) Environmental Review

SOURCE DOCUMENTATION (SD) STATUTORY WORKSHEET

Site Visit Date: June 30, 2010 Prepared By: Norren Kato

PROJECT DESCRIPTION

The David Malo Circle housing project was constructed in 1966 and is located at 719 Mill Street in the town of Lahaina on the island of Maui. A location map shows this housing project located along Mill Street.

The David Malo Circle property is identified as Tax Map Key (TMK) No. (2) 4-6-010:028, and consists of 68,089 square feet, and is situated within the State's "Urban District." This entire housing project is comprised of nine (9) buildings providing a total of 18 housing units.

This housing project was originally a hotel that the State purchased and converted into an affordable housing project.

Figure 1: Location map and Flood Insurance Rate Map (FIRM) information
Figure 2: TMK Map
Figure 3: Site plan
Figure 4: Portion of Flood Insurance Rate Map, Panel Number 1500030362E

COMPLIANCE FACTORS

I. HISTORIC PRESERVATION (36 CFR PART 800)

CONTACT:

Supporting Documents

X	Field
	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Condition, Mitigation

Based upon environmental review of this housing project in 2002, the State Historic Preservation Division (SHPD) recommended in a letter dated July 16, 2002 that certain conditions be implemented during all ground altering activities which will mitigate any adverse effects on significant sites. Therefore, the following conditions should be implemented for all ground altering activities:

1. A qualified archaeologist shall prepare an archaeological monitoring plan to be submitted to SHPD for review prior to commencement of ground altering construction activities;

2. Construction monitoring will be done by a qualified archaeologist; and

3. Within 180-days following the completion of the activity, the archaeologist shall prepare a report documenting the findings of monitoring activities, and submit the report to SHPD for review.

SUPPORTING DOCUMENTATION:

Field: A site visit of the housing project property did not identify any sites or features that could be distinguished as historic sites. The property has been urbanized with development of buildings, roadways, sidewalks, and other accessory facilities. The existing buildings are of more recent construction and thus do not meet the 50-year criteria to be eligible for the National Register of Historic Places.

Experience: In July 2002, SHPD determined that an archaeological inventory survey had not been done for the David Malo Circle project site. This project was located within the boundaries of the Historic Lahaina District. It was likely to have once been the location of pre-Contact agricultural activities . Thus, SHPD believes that historic sites may be present in subsurface deposits within the project site. Therefore, if ground altering activities will occur, the following conditions were recommended to mitigate any adverse effects on significant sites which may occur on the property. See Exhibit A for a copy of this 2002 letter.

1. A qualified archaeologist shall prepare a monitoring plan to be submitted to and accepted by SHPD prior to commencement of construction activities;

2. Construction monitoring will be done by a qualified archaeologist; and

3. Within 180-days following the completion of the project, the archaeologist shall submit a report documenting the findings of monitoring activities, and submit the report to SHPD for review.

II. FLOODPLAIN MANAGEMENT (EXECUTIVE ORDER 11988, 24 CFR PART 55)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Project site is located in Zone X and is determined to have minimal flood hazard and outside the 500-year flood area.

SUPPORTING DOCUMENTATION:

Field: A site visit and interview with the maintenance supervisor indicated no flooding or ponding on the premises.

Printed: Flood Insurance Rate Map, Maui County, Hawai'i
Community Panel Number 1500030362E, Revised September 25, 2009 (see Figure 1 and 4)

III. WETLANDS PROTECTION (EXECUTIVE ORDER 11990)

Supporting Documents	
X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known wetlands within the housing project's property, and therefore, no wetlands will be adversely impacted by the project improvements.

SUPPORTING DOCUMENTATION:

Field: A site visit of the property did not identify any wetlands present.

Printed: Review of State of Hawai'i Geographic Information System (GIS) data for wetlands (updated June 2010).

IV. COASTAL ZONE MANAGEMENT ACT (16 USC 1451, SECTIONS 307 (c), (d))

CONTACT:

Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawai'i 96804

Supporting Documents	
	Field
X	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Projects receiving federal funds from the U.S. Department of Housing and Urban Development (HUD), Public Housing Capitol Fund (OMB Catalog No. 14.872) do not require review for consistency with Hawai'i's CZM program based upon prior determinations from the State Office of Planning.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated June 22, 2010 was submitted to the Director of the Office of Planning determining that repair and rehabilitation improvements that may be implemented using HUD funds did not require CZM federal consistency review. A copy of this letter is enclosed in Exhibit B.

Experience: A previous letter from the State Office of Planning, dated July 20, 2005, as part of similar environmental reviews conducted in 2005 determined that their review for consistency with Hawai'i's CZM program was not required. A copy of this is included with the letter in Exhibit B.

V. SAFE DRINKING WATER ACT (42 USC 201, 300 (f) & 21 USC 349)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There were no activities observed during the site visit that would degrade the quality of drinking water. In addition, the proposed improvements will not have any impact on drinking water quality.

SUPPORTING DOCUMENTATION:

Field: There were no known or existing activities or structures observed within the housing project during the site visit that could adversely impact ground water resources and subsequent drinking water. A Maui County water system currently provides potable water service to this project and is responsible to provide safe drinking water. The rehabilitation improvements being considered are not expected to adversely impact this water system. Proposed improvements are also not expected to affect groundwater resources that may be used for bottled water (21 USC §349).

Printed: Title 42, Chapter 6A, Subchapter 1, §201; Title 42, Chapter 6A, Subchapter 7, §300(f); Title 21, Chapter 9, Subchapter IV, §349

VI. SOLE SOURCE AQUIFER (40 CFR PART 149)

Supporting Documents
_____ Field
_____ Contact
__X__ Printed
_____ Experience
_____ Study

DETERMINATION:

Status Category: Not Applicable

The housing project is not located in a designated sole source aquifer listed under the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of April 30, 1990.

SUPPORTING DOCUMENTATION:

Printed: This determination was based upon review of the Sole Source Aquifer Memorandum of 4/30/90 (Sections II.B.1 and II.B.2) and consideration of the type of rehabilitation related improvements that would be conducted for this project.

VII. ENDANGERED SPECIES (50 CFR PART 402)

CONTACT:
Mr. Loyal Mehrhoff, Field Supervisor
Pacific Islands Administrator
U.S. Department of the Interior
Fish and Wildlife Services
Box 50088
Honolulu, Hawai'i 96850
Tel. #: 792-9400

Supporting Documents
_____ Field
__X__ Contact
_____ Printed
_____ Experience
_____ Study
_____

DETERMINATION:

Status Category: Condition, Mitigation

The HPHA determined that the rehabilitation improvements that may be conducted for this housing project would have no adverse affect on any listed species, proposed species, or proposed or designated critical habitat. Based upon consultation with the United States, Fish and Wildlife Service (USFWS), the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel may occur within the general vicinity. The

USFWS determined that the project will not adversely affect these species subject to implementation of mitigative measures.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated May 17, 2010 was submitted to the USFWS determining that repair and rehabilitation improvements that may be implemented using HUD funds did not affect any listed or proposed species, or existing or proposed designated critical habitat. The USFWS provided information indicating that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel have been observed in the vicinity of the project area. Based upon USFWS consultation with HPHA, it was agreed that the following measures will be implemented, and USFWS has determined that the rehabilitation improvements conducted at David Malo Circle would not adversely affect the these species. Copies of these letters are enclosed in Exhibit B.

Hawaiian Hoary Bat

- HPHA would avoid removing or cutting woody plants greater than 15 feet in height during the bat's birthing and pup rearing season (May 15 through August 15).

Blackburn Sphinx Moth

- Construction areas utilized for renovation or rehabilitation improvements that are not entirely within landscaped, paved, or developed areas will be surveyed by a qualified biologist for the presence of the Blackburn's sphinx moth and its host plants.
- No Blackburn's sphinx moth host plant will be removed or trimmed, and the soil within 33 feet (10 meters) of the host plant will be protected from disturbance, throughout implementation of this project.
- If trimming or removal of host plants is required, consultation with the USFWS will first be conducted.

Newell's Shearwater and Hawaiian Petrel

- New project lights, or existing lights identified for replacement will be shielded so the illumination can be seen only from below following guidelines specified by the State Department of Land and Natural Resources, Division of Forestry and Wildlife

VIII. WILD AND SCENIC RIVERS ACT (16 USC 1271, SECTION 7 (b), (c))

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

There are no Wild and Scenic Rivers in Hawai'i which excludes this project from formal consultation requirements.

SUPPORTING DOCUMENTATION:

Printed: http://www.rivers.gov/wildriverslist.html (Date accessed: 8/3/2010)

IX. CLEAN AIR ACT (40 CFR PARTS 6, 51, 93)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The State of Hawai'i is within a designated attainment area for all federal ambient air quality standards as verified under the U.S. EPA's Green Book for currently designated "nonattainment areas" as of June 2010. Planned rehabilitation improvements are not expected to generate significant pollutants affecting the State's status as an attainment area.

SUPPORTING DOCUMENTATION:

Printed: Department of Health. August 2009. *State of Hawai'i Annual Summary 2008 Air Quality Data*. State of Hawai'i.
Web page: http://epa.gov/airquality/greenbk/. (Date accessed: 8/8/10).

X. FARMLANDS PROTECTION (7 CFR PART 658)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property. No farmlands will be impacted by the proposed rehabilitation improvements.

SUPPORTING DOCUMENTATION:

Field: The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property and there was no existing agricultural land used for farming during the site inspection. No farmlands will be impacted by the proposed rehabilitation improvements.

Printed: Web page: http://www.state.hi.us/dbedt/gis/miscmaps.htm (Date accessed: 6/22/10). The State Land Use designation is Urban.

XI. ENVIRONMENTAL JUSTICE (EXECUTIVE ORDER NO. 12898)

Supporting Documents

	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The rehabilitation improvements would not involve acquisition of additional properties resulting in the displacement of residents nor would it result in the displacement of existing residents at the housing project. Therefore, rehabilitation improvements would not result in disproportionately high or adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Improvements should benefit low-income and minority populations associated with this housing project.

SUPPORTING DOCUMENTATION:

Printed: Executive Order 12898.
Web page: http://www.hud.gov/offices/cpd/environment/review/justice.cfm. (Date accessed: 8/6/10)

HUD ENVIRONMENTAL STANDARDS:

XII. NOISE ABATEMENT CONTROL (24 CFR PART 51B)

Supporting Documents
X Field
_____ Contact
_____ Printed
_____ Experience
_____ Study

DETERMINATION:

Status Category: Not Applicable

The housing project site is situated along Honoapi'ilani Highway, with a high volume of vehicular traffic which may generate significant noise. However, the State Department of Transportation has built a concrete wall between the project site and the highway as part of noise mitigation measures. As a result, existing noise volumes are likely to be less than 65 decibels (A-weighted scale, or dBA). Proposed rehabilitation improvements are not expected to result in a significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

SUPPORTING DOCUMENTATION:

Field: There were no significant noise generating sources identified within the project site during the site inspection. Noise sources were predominantly associated with vehicular traffic along adjacent roadways. Roadways along the project area are County and State roadways used predominantly for circulation traffic. The area has speed limits of 45 mph along Honoapi'ilani Highway and 25 mph along Mill Road. A concrete wall was constructed along the property bordering the highway as part of noise mitigative measures, therefore, traffic noise levels at this site should not exceed 65 dBA and should be within HUD noise standards. A noise study was conducted in 2007 for the State's Honoapi'ilani Highway widening project. Recorded traffic noise levels along this highway between the intersections of Lahainaluna Road and Dickenson Street were between 66.2 and 67.9 dBA during the midday and afternoon peak hours, and were measured

without the attenuation of a solid wall (State DOT Honoapi'ilani Highway Widening Project Final EA, February 2007). With the existing wall, noise levels should be lower. Rehabilitation improvements are not expected to significantly change existing traffic conditions at this housing site and along adjacent roadways which would increase noise levels above 65 dBA. Traffic volumes along County roadways adjacent to the project would be much lower than these volumes and consequently have lower traffic noise levels.

XIII. EXPLOSIVE AND FLAMMABLE OPERATIONS (24 CFR PART 51C)

Supporting Documents

X	Field
	Contact
X	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known above-ground explosive or flammable material storage containers in excess of 100 gallons present at the site. Therefore, this project is located at an acceptable separation distance from above-ground explosive or flammable fuels or chemical containers. Furthermore, rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous operations, and thus do not meet the definition of a HUD-assisted project and are not subject to these regulations.

SUPPORTING DOCUMENTATION:

Field: Field inspection was limited to the exterior of residential buildings and associated structures for the renovated portion of this housing project. No above-ground explosive or flammable material storage containers in excess of 100 gallons were observed at the site. Therefore, this renovated project area is located at an acceptable separation distance from above-ground explosive or flammable fuels or chemical containers.

Printed: 24 CFR Part 51, Subpart C. Per CFR Title 24 Part 51.201 (Definitions), rehabilitation and modernization improvements that do not increase the number of people being exposed to hazardous operations are not subject to these regulations, and do not meet the definition of a HUD-assisted project. The rehabilitation improvements for this housing project are not planned to increase existing residential density, convert a building to habitation, or increase the number of people being exposed to hazardous operations.

Experience: The 2005 environmental review conducted for David Malo Circle identified no existing above-ground storage tank of over 500 gallons on the property. A site inspection was conducted in June, 2010 and similarly confirmed the applicability of the 2005 results that there were no storage tanks present.

XIV. TOXIC CHEMICALS/RADIOACTIVE MATERIALS (24 CFR PART 58, SECTION 5 (i))

Supporting Documents

X	Field
	Contact
	Printed
	Experience
X	Study

DETERMINATION:

Status Category: Condition/Mitigation

The site visit and interview with the maintenance supervisor revealed that lead may be within the paint used to paint the units. As long as the paint remains undisturbed, there is minimal risk to the residents from the lead. During project construction activities, the potential hazard will be managed in accordance with relevant federal and state regulations to protect workers and residents from unacceptable levels of exposure.

SUPPORTING DOCUMENTATION:

Field: Site visit and interview with the maintenance supervisor indicated that lead may be within the paint. No asbestos containing materials or other toxic or radioactive materials warranting further concern was identified on site. There were no known nearby dumps, landfills, industrial sites or other operations with hazardous wastes adjacent to the housing project.

Study: Environmental Data Resources, Inc. (EDR), Inquiry Number 2779851.9s, dated May 27, 2010 conducted a search of available environmental records. EDR reviewed more than 25 federal and state regulatory databases for information regarding the treatment, storage, disposal and release of toxic chemicals at the site and within specific radii (generally 1 mile) of the site. The EDR report in the appendix includes a summary of key findings. The project site is not located within one mile of a NPL (Superfund) site. David Malo Circle is within a 0.5 mile of a Federal CERCLIS site. However this site does not qualify for, and is not listed on, the national priorities list. No further remedial action is planned. See EDR report in the appendix.

XV. AIRPORT CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (24 CFR PART 51D)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

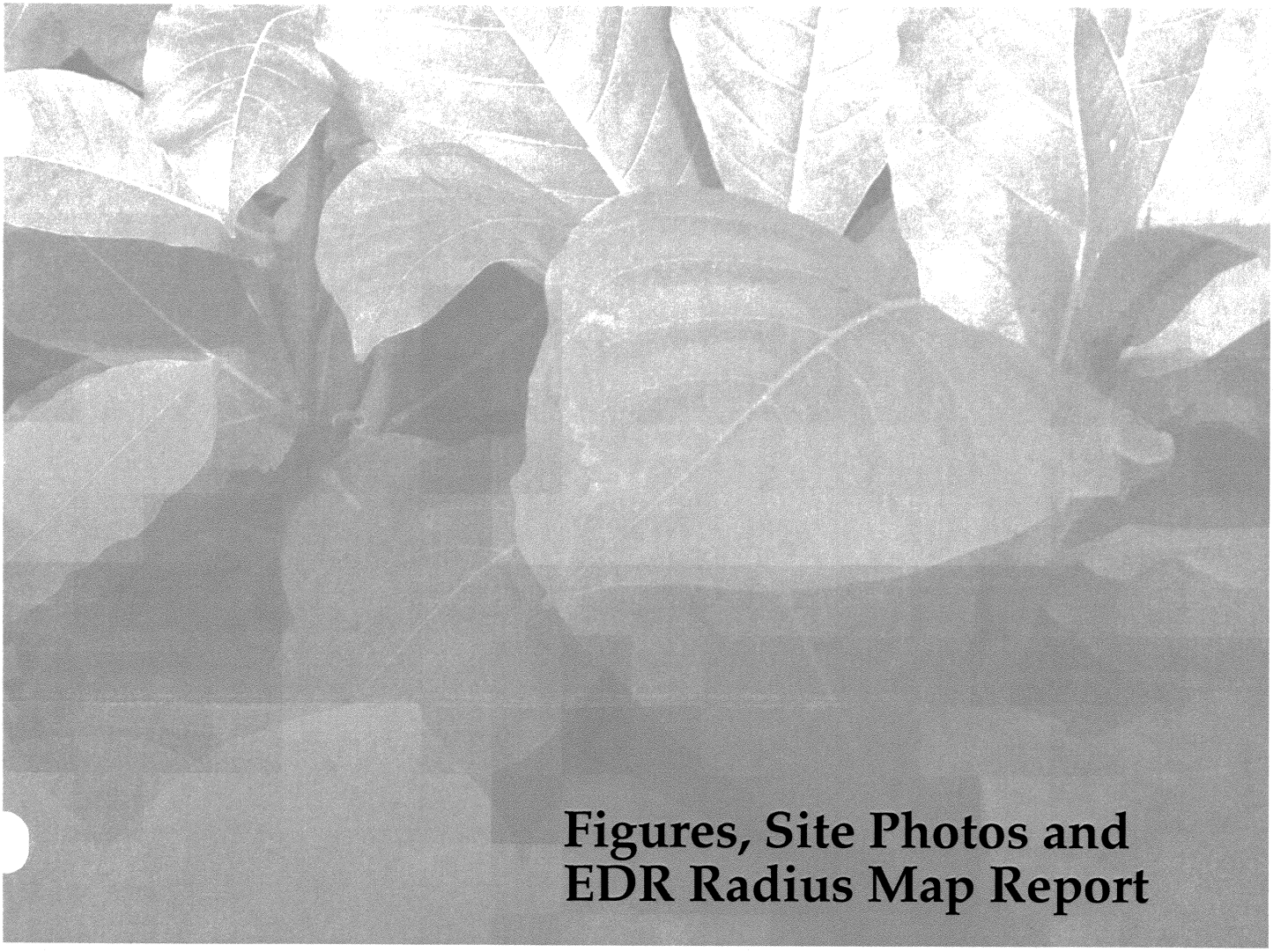
DETERMINATION:

Status Category: Not Applicable

The project is not within an FAA-designated civilian airport Runway Clear Zone (RCZ) or Runway Protection Zone, or within a military airfield Clear Zone (CZ) or Accident Potential Zone (APZ).

SUPPORTING DOCUMENTATION:

Printed: 24 CFR 51 (D).
Kahului Airport Master Plan (June, 1993), State Department of Transportation, Airports Division



Figures, Site Photos and EDR Radius Map Report

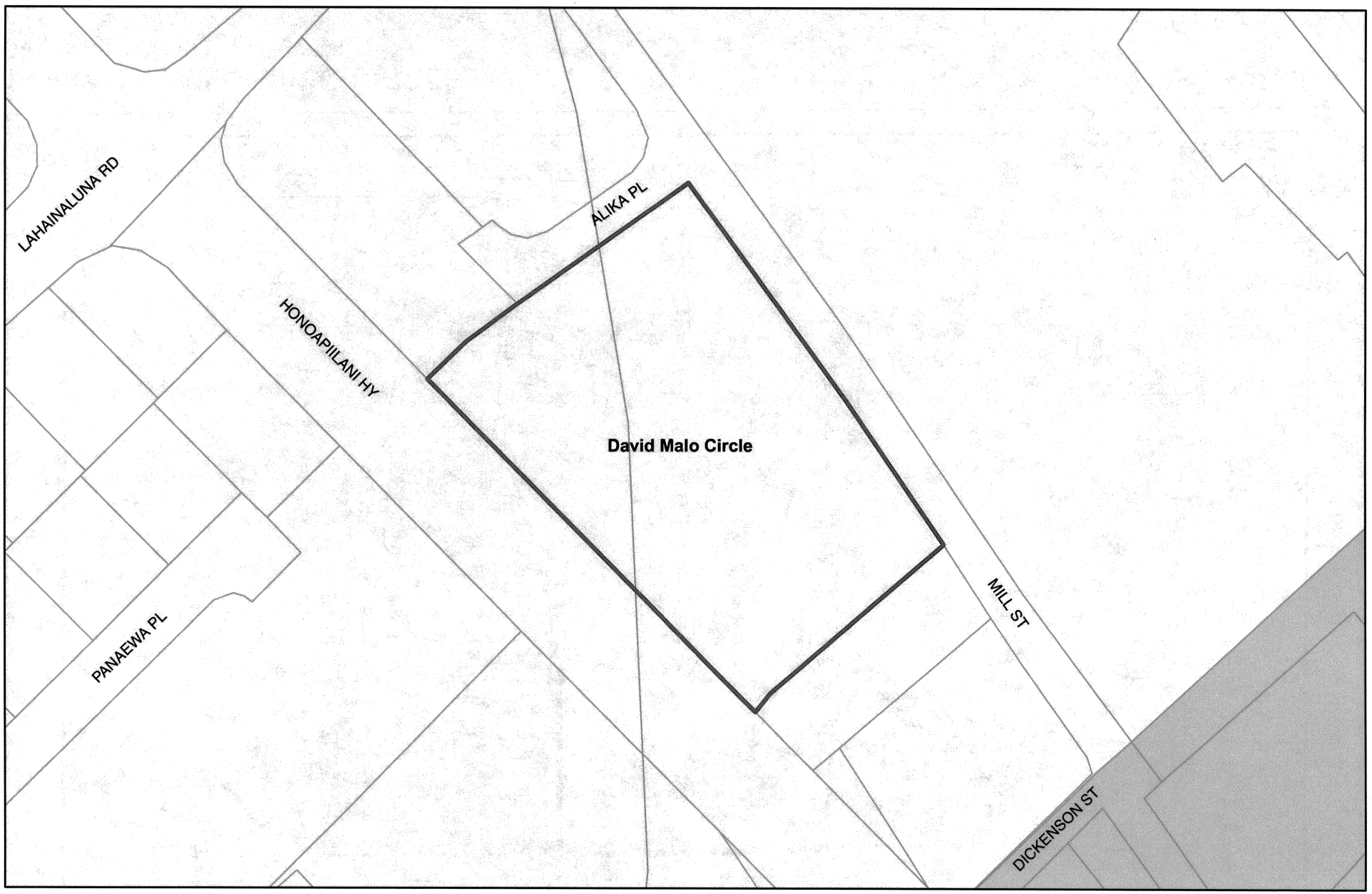


Figure 1: DAVID MALO CIRCLE
Location Map

STATE LAND USE

State Agricultural District

State Urban District

All areas are determined to be Zone X or D unless otherwise noted.

0 Feet 100

0 Meters 30

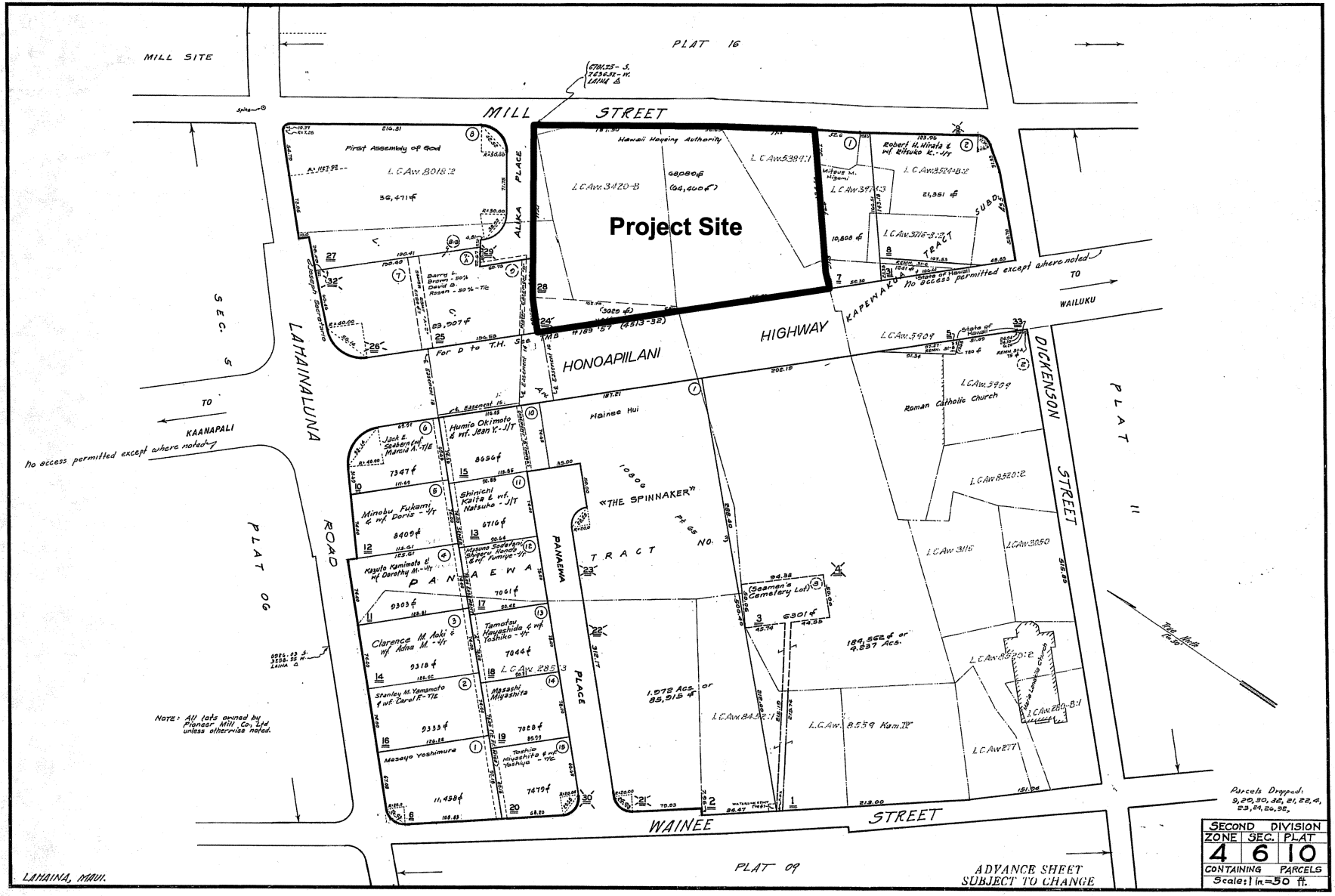


Figure 2: DAVID MALO CIRCLE

Tax Map Key Map

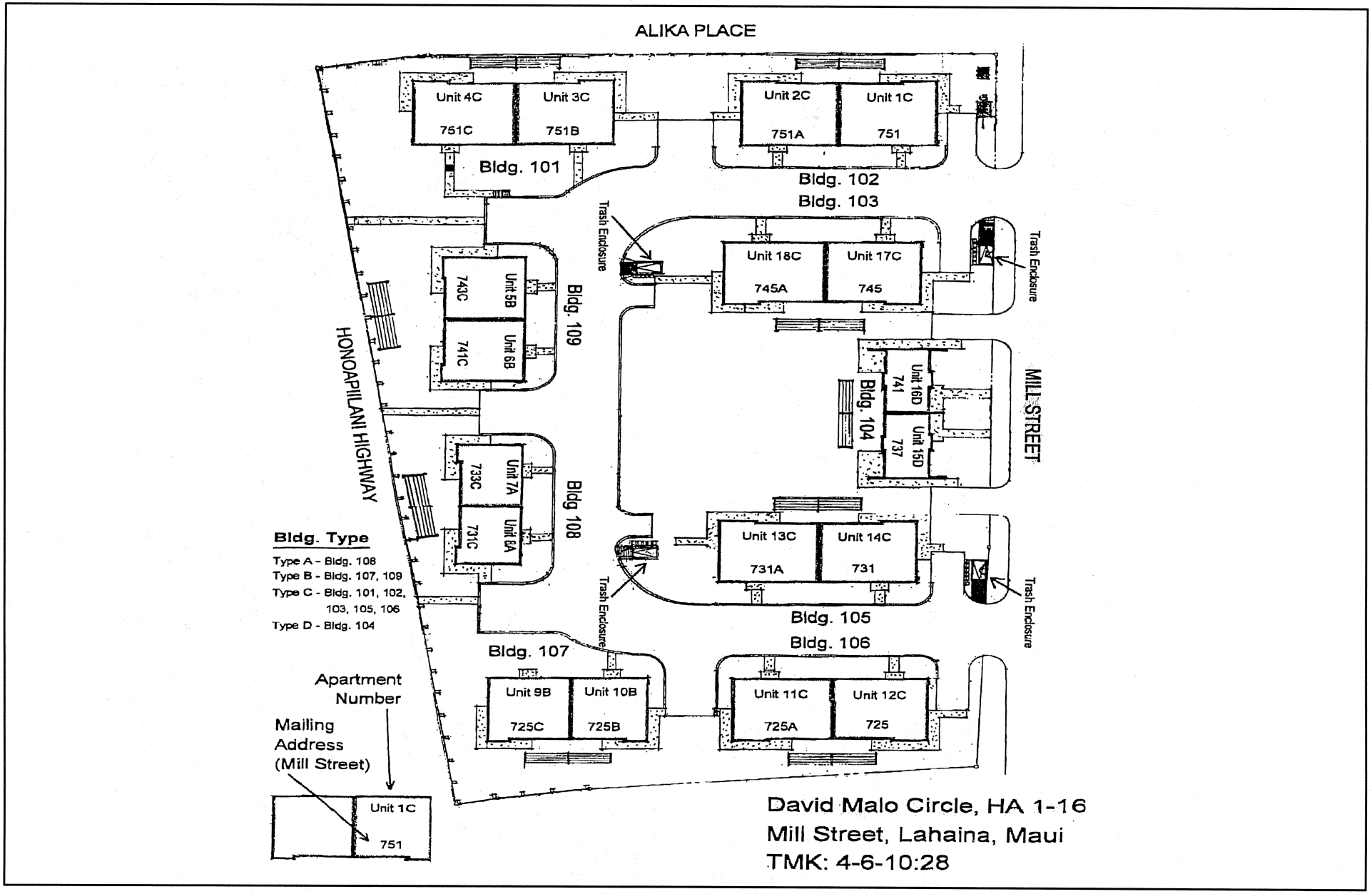


Figure 3: DAVID MALO CIRCLE
Site Plan

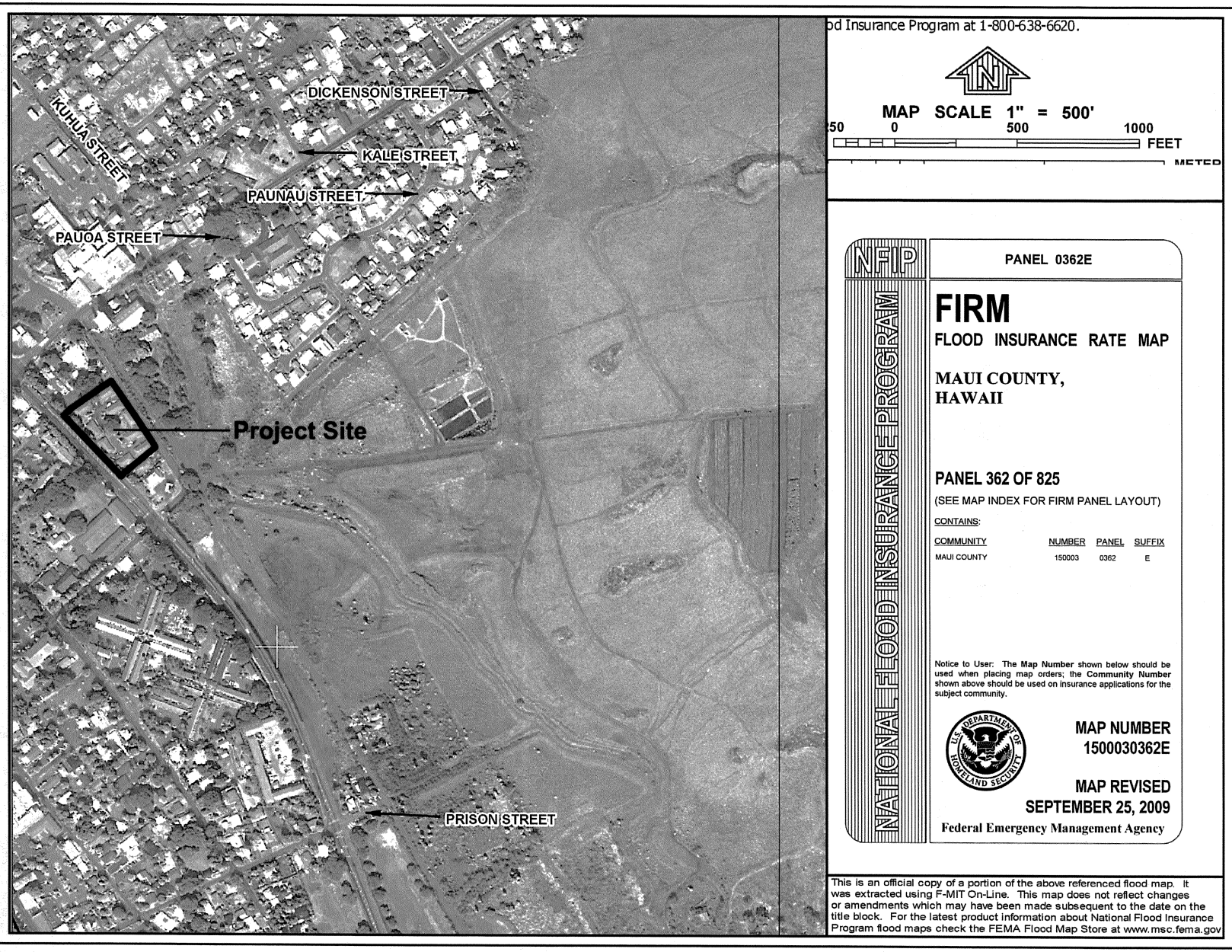
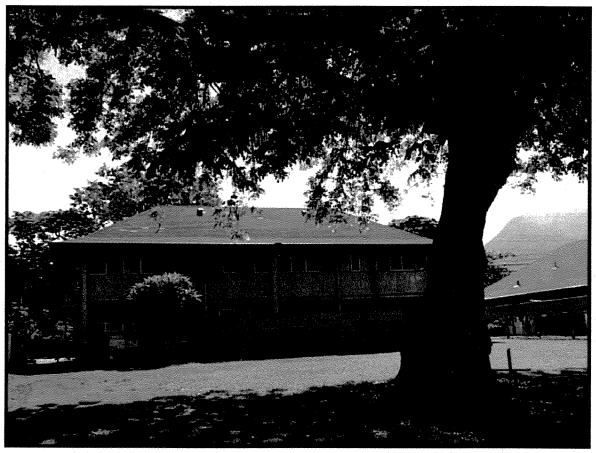
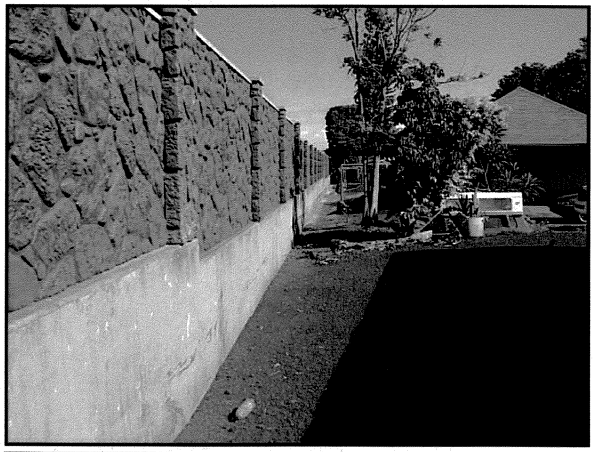


Figure 4: DAVID MALO CIRCLE
Flood Insurance Rate Map

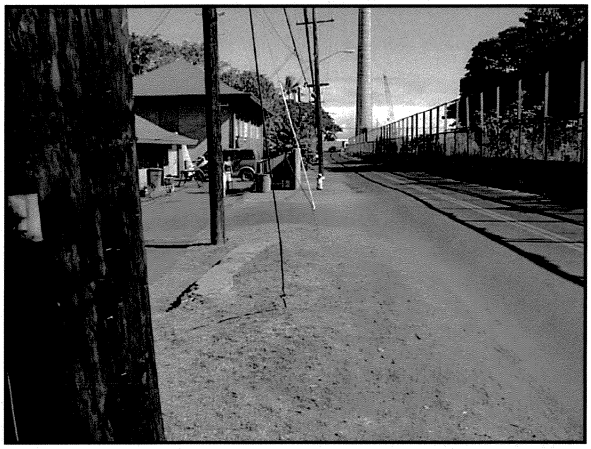


Picture 1: 2-Story Unit

Picture 2: Site Drainage



Picture 3: Concrete wall along Honolapiilani Highway



Picture 4: Mill Street

Picture 5: View of Alika Place to the north of the project site

David Malo Circle
Mill Street
Lahaina, HI 96761

Inquiry Number: 2779851.9s
May 27, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MILL STREET
LAHAINA, HI 96761

COORDINATES

Latitude (North):	20.876900 - 20° 52' 36.8"
Longitude (West):	156.675800 - 156° 40' 32.9"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	741802.4
UTM Y (Meters):	2310136.0
Elevation:	16 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	20156-H6 HALAWA OE S, HI
Most Recent Revision:	Not reported
South Map:	20156-G6 ISLAND OF LANAI OE NE, HI
Most Recent Revision:	Not reported

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills in the State of Hawaii

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites
INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Response Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Release Notifications

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Listing
AIRS..... List of Permitted Facilities
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

COAL ASH DOE_____ Sleam-Electric Plan Operation Data
PCB TRANSFORMER_____ PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants_____ EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 01/29/2010 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIONEER NILL CO, LTD	***380 LAHAINALUNA RD***	***NE 1/4 - 1/2 (0.277 mi.)***	***E17***	***23***

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1

RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL OIL PRODUCTS SAP 121020	263 LAHAINALUNA RD	WNW 0 - 1/8 (0.093 mi.)	A3	8

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
EDS UNION NO 4680	***243 LAHAINALUNA RD***	***W 0 - 1/8 (0.111 mi.)***	***B6***	***11***
ALII DRY CLEANERS INC	***910 HONOAPIILANI HWY***	***NW 1/8 - 1/4 (0.173 mi.)***	***C8***	***13***
CHEVRON 92890	240 PAPALAUA ST	WNW 1/8 - 1/4 (0.240 mi.)	D11	17

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Health.

A review of the SHWS list, as provided by EDR, and dated 12/01/2009 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIONEER MILL COMPANY, LTD.	***380 LAHAINALUNA RD***	***NE 1/4 - 1/2 (0.277 mi.)***	***E16***	***21***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CODAC'S CHEVRON GASOLINE STATI	***240 PAPALAUA ST***	***WNW 1/8 - 1/4 (0.240 mi.)***	***D12***	***18***
LAHAINA CANNERY MALL	***1221 HONOAPIILANI HWY***	***NW 1/2 - 1 (0.635 mi.)***	***20***	***29***
LAHAINA WASTE WATER PUMP STATI	***ALA MOANA ST***	***WNW 1/2 - 1 (0.775 mi.)***	***21***	***29***

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health's Active Leaking Underground Storage Tank Log Listing.

A review of the LUST list, as provided by EDR, and dated 03/09/2010 has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL STATION	***263 LAHAINALUNA RD***	***WNW 0 - 1/8 (0.093 mi.)***	***A2***	***7***
Facility Status: Site Assessment Ongoing				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MID PAC PETROLEUM #254680 (PRE	***243 LAHAINALUNA RD***	***W 0 - 1/8 (0.111 mi.)***	***B5***	***10***
Facility Status: LUST Cleanup Initiated				
SHELL STATION	***711 MILL ST AKA 281 DIC***	***WNW 1/8 - 1/4 (0.223 mi.)***	***D9***	***15***
Facility Status: Site Cleanup Completed (NFA)				
CODAC'S SALES & SERVICE	***240 PAPALAUA ST***	***WNW 1/8 - 1/4 (0.240 mi.)***	***D13***	***19***
Facility Status: Site Cleanup Completed (NFA)				
KEAHI CENTRAL OFFICE	***147 DICKENSON ST***	***SSW 1/4 - 1/2 (0.256 mi.)***	***14***	***20***
Facility Status: Site Cleanup Completed (NFA)				
LAHAINA FOREIGN CAR REPAIR	***632 LUAKINI ST***	***SSW 1/4 - 1/2 (0.263 mi.)***	***15***	***21***
Facility Status: Site Cleanup Completed (NFA)				
CABANILA SHELL SERVICE	***156 PAPALAUA ST***	***WNW 1/4 - 1/2 (0.293 mi.)***	***18***	***27***
Facility Status: Site Cleanup Completed (NFA)				
MATSUMOTO SERVICE STATION, INC	***602 FRONT ST***	***S 1/4 - 1/2 (0.417 mi.)***	***19***	***28***
Facility Status: Site Cleanup Completed (NFA)				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health's Listing of Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 03/09/2010 has revealed that there are 5 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER PIONEER MILL GARAGE ARE	277 LAHAINALUNA ROAD	N 0 - 1/8 (0.103 mi.)	4	9

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL STATION	263 LAHAINALUNA RD	WNW 0 - 1/8 (0.093 mi.)	A1	7
MID PAC PETROLEUM #254680 (PRE	***243 LAHAINALUNA RD***	***W 0 - 1/8 (0.111 mi.)***	***B5***	***10***
SHELL STATION	***711 MILL ST AKA 281 DIC***	***WNW 1/8 - 1/4 (0.223 mi.)***	***D9***	***15***
CODAC'S SALES & SERVICE	***240 PAPALAUA ST***	***WNW 1/8 - 1/4 (0.240 mi.)***	***D13***	***19***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there is

1 RCRA-NonGen site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LUXURY SPORTS CAR RENTAL	***256 PAPALAUA ST***	***WNW 1/8 - 1/4 (0.235 mi.)***	***D10***	***15***

DRYCLEANERS: A listing of permitted drycleaner facilities in the state.

A review of the DRYCLEANERS list, as provided by EDR, and dated 04/12/2010 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

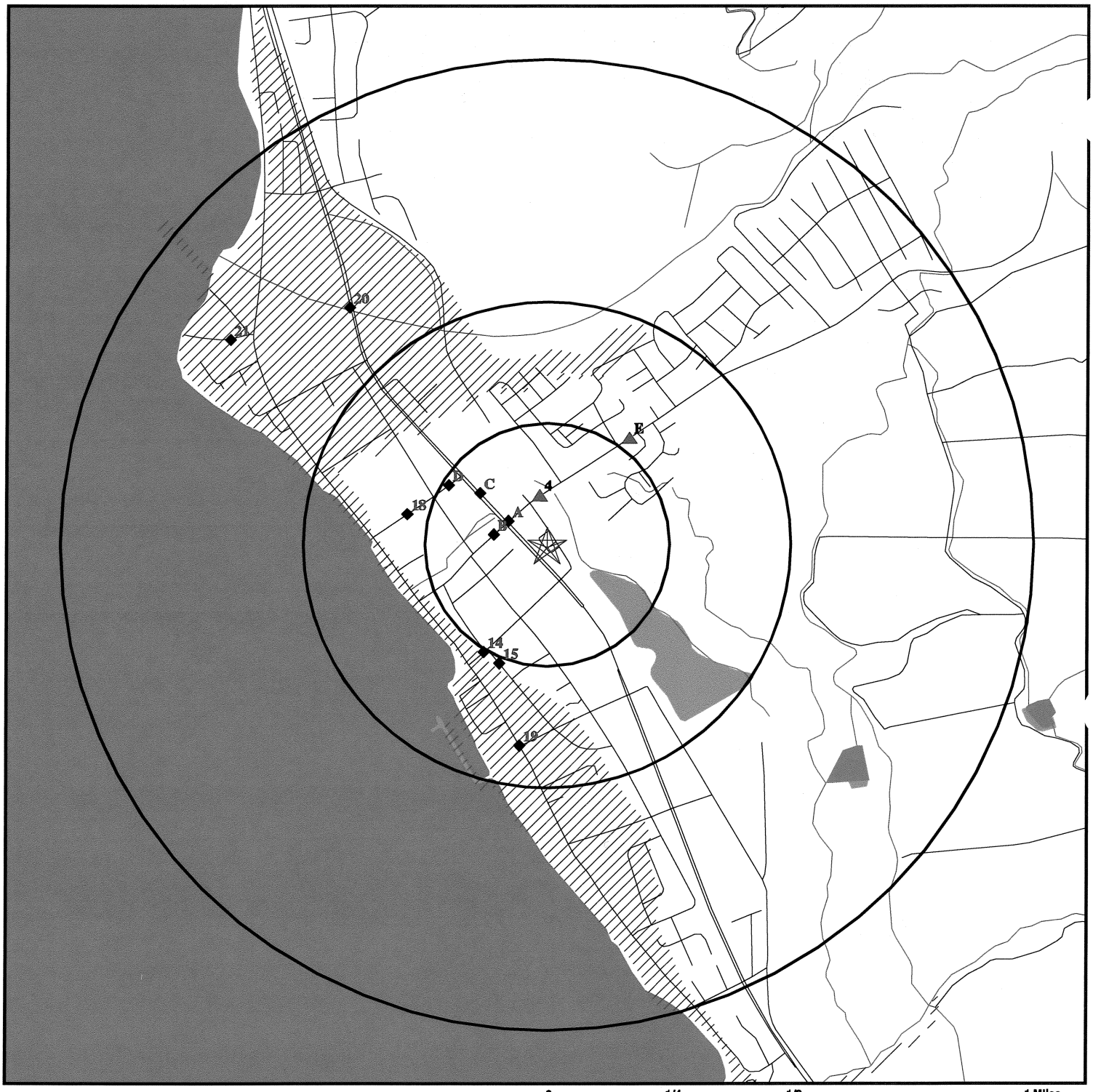
Lower Elevation	Address	Direction / Distance	Map ID	Page
ALII DRY CLEANERS INC.	910 HONOAPIILANI ROAD,	NW 1/8 - 1/4 (0.173 mi.)	C7	13

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
LAUNIUPOKO TRANSFORMER	SHWS, SPILLS
MECO TRANSFORMER SITE	SHWS
KAMEHAMEHA SCHOOLS LAHAINALUNA ROA	SHWS
LUAWAI ROAD TRANSFORMER	SHWS
OLOWALU SHAFT TRANSFORMER SUBSTATI	SHWS
PUUKOLII OLD PIONEER MILL TRANSFOR	SHWS, SPILLS
SHAW STREET OLD PIONEER MILL TRANS	SHWS, SPILLS
LAHAINA SPS #2 (HONOAPIILANI)	LUST, UST
PAPILLION HAWAIIAN HELICOPTERS HEL	LUST, UST
LAHAINA SPS#1 (HONOAPIILANI)	UST
NAPILI #1 P.S. (HONOKOWA)	UST
NAPILI #2 P.S. (KAPUA)	UST
NAPILI #3 P.S. (KAEA POINT)	UST
NAPILI #4 P.S.	UST
NAPILI CENTRAL OFFICE	UST
CORNER HONOAPILANI HWY & NAPIL	RCRA-NonGen, FINDS

OVERVIEW MAP - 2779851.9s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME:	David Malo Circle	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	Mill Street	CONTACT:	Ronald A. Sato
	Lahaina HI 96761	INQUIRY #:	2779851.9s
LAT/LONG:	20.8769 / 156.6758	DATE:	May 27, 2010 12:19 pm

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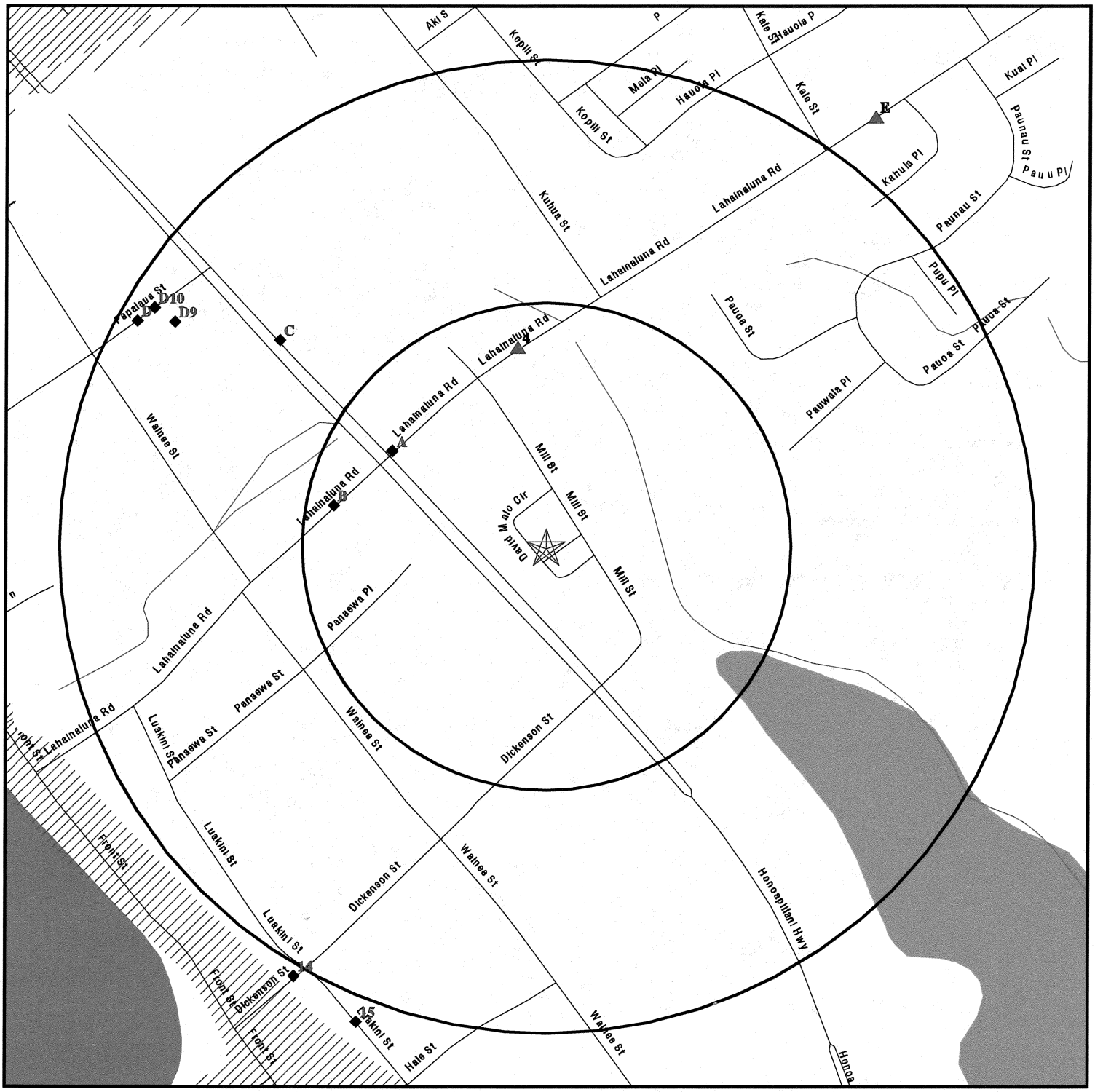
DETAIL MAP - 2779851.9s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME:	David Malo Circle	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	Mill Street	CONTACT:	Ronald A. Sato
	Lahaina HI 96761	INQUIRY #:	2779851.9s
LAT/LONG:	20.8769 / 156.6758	DATE:	May 27, 2010 12:19 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	1	0	NR	NR	NR	1
RCRA-CESQG		0.250	1	2	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	1	1	2	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	2	2	4	NR	NR	8
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	3	2	NR	NR	NR	5

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	1	NR	NR	NR	1
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	1	NR	NR	NR	1
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
WNW
< 1/8
0.093 mi.
490 ft.

SHELL STATION — **UST** — **U001236669**
263 LAHAINALUNA RD — **N/A**
LAHAINA, HI 96761

Site 1 of 3 in cluster A

Relative:
Lower

Actual:
7 ft.

UST:

Facility ID:	9-500421
Owner:	EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address:	2555 13TH AVE, SW
Owner City,St,Zip:	Lahaina, 96761 96761

Tank ID:	87
Date Installed:	2/7/1983
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	8000
Substance:	Gasoline

Tank ID:	89
Date Installed:	2/7/1983
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	8000
Substance:	Gasoline

Tank ID:	92
Date Installed:	2/7/1983
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	8000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	2/7/1983
Tank Status:	**Permanently Out of Use**
Date Closed:	11/13/2000
Tank Capacity:	550
Substance:	Used Oil

A2
WNW
< 1/8
0.093 mi.
490 ft.

SHELL STATION — **FINDS** — **1006843208**
263 LAHAINALUNA RD — **LUST** — **N/A**
LAHAINA, HI 96761

Site 2 of 3 in cluster A

Relative:
Lower

Actual:
7 ft.

FINDS:

Registry ID: 110014047414

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

SHELL STATION (Continued) **1006843208**

LUST:
Facility ID: 9-500421
Facility Status: Site Assessment Ongoing
Facility Status Date: 2/28/2001
Release ID: 010016
Project Officer: Josh Nagashima

A3 **SHELL OIL PRODUCTS SAP 121020** **RCRA-SQG** **1009398545**
WNW **263 LAHAINALUNA RD** **HIR000137521**
< 1/8 **LAHAINA, HI 96761**
0.093 mi.
490 ft. **Site 3 of 3 in cluster A**

Relative:
Lower

Actual:
7 ft.

RCRA-SQG:
Date form received by agency: 02/27/2006
Facility name: SHELL OIL PRODUCTS SAP 121020
Facility address: 263 LAHAINALUNA RD
LAHAINA, HI 96761
EPA ID: HIR000137521
Mailing address: 12700 NORTHBOROUGH
RM 300 F07
HOUSTON, TX 77067
Contact: DON F WISDOM
Contact address: 12700 NORTHBOROUGH RM 300 F07
HOUSTON, TX 77067
Contact country: US
Contact telephone: 281-874-2238
Telephone ext.: 2238
Contact email: DON.F.WISDOM@SHELL.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EQUILON ENTERPRISES DBA SHELL OIL PRODCT
Owner/operator address: PO BOX 2099
HOUSTON, TX 77252
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

Owner/operator name: SHELL OIL PRODUCTS US
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

SHELL OIL PRODUCTS SAP 121020 (Continued) **1009398545**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

4
North
< 1/8
0.103 mi.
544 ft.

Relative:
Higher

Actual:
23 ft.

FORMER PIONEER MILL GARAGE AREA **UST** **U004053376**
277 LAHAINALUNA ROAD **N/A**
LAHAINA, HI 96761

UST:
Facility ID: 9-503810
Owner: Kaanapali Development Corp
Owner Address: 10 Hoohui Road, Suite 305
Ownder City,St,Zip: Lahaina, 96761 96761

Tank ID: R-2
Date Installed: Not reported
Tank Status: **Permanently out of Use**
Date Closed: 12/1/2006
Tank Capacity: 500
Substance: Other

Tank ID: r-1
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 5/15/2006
Tank Capacity: 1000

FORMER PIONEER MILL GARAGE AREA (Continued) **U004053376**

Substance: Diesel

B5 **MID PAC PETROLEUM #254680 (PREV: ED'S UNION SERVIC** **LUST U003222165**
West **243 LAHAINALUNA RD** **UST N/A**
< 1/8 **LAHAINA, HI 96761**
0.111 mi.
586 ft. **Site 1 of 2 in cluster B**

Relative:
Lower

Actual:
4 ft.

LUST:
Facility ID: 9-500008
Facility Status: LUST Cleanup Initiated
Facility Status Date: 10/26/2004
Release ID: 040058
Project Officer: Richard Takaba

UST:
Facility ID: 9-500008
Owner: Mid Pac Petroleum LLC
Owner Address: 677 Ala Moana Blvd Suite 625
Ownder City,St,Zip: Lahaina, 96761 96761

Tank ID: 1
Date Installed: Not reported
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 12000
Substance: Gasoline

Tank ID: 2a
Date Installed: Not reported
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 7000
Substance: Gasoline

Tank ID: 2b
Date Installed: Not reported
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 5000
Substance: Gasoline

Tank ID: r-4680-4
Date Installed: 4/15/1985
Tank Status: **Permanently out of Use**
Date Closed: 6/4/2009
Tank Capacity: 550
Substance: Used Oil

Tank ID: r-87
Date Installed: 4/15/1985
Tank Status: **Permanently out of Use**
Date Closed: 6/4/2009

MID PAC PETROLEUM #254680 (PREV: ED'S UNION SERVIC (Continued) **U003222165**

Tank Capacity: 12000
Substance: Gasoline

Tank ID: r-92
Date Installed: 4/15/1985
Tank Status: Permanently out of Use
Date Closed: 6/4/2009
Tank Capacity: 12000
Substance: Gasoline

B6 **EDS UNION NO 4680** **RCRA-CESQG 1001024231**
West **243 LAHAINALUNA RD** **FINDS HIR000000315**
< 1/8 **LAHAINA, HI 96761**
0.111 mi.
586 ft. **Site 2 of 2 in cluster B**

Relative:
Lower

Actual:
4 ft.

RCRA-CESQG:
Date form received by agency: 08/22/1995
Facility name: EDS UNION NO 4680
Facility address: 243 LAHAINALUNA RD
LAHAINA, HI 96761
EPA ID: HIR000000315
Contact: HAROLD TAKARA
Contact address: 841 BISHOP ST STE 2204
HONOLULU, HI 96813
Contact country: US
Contact telephone: (808) 522-7600
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: UNION OIL CO OF CALIFORNIA
Owner/operator address: 841 BISHOP ST STE 2204
HONOLULU, HI 96813
Owner/operator country: Not reported
Owner/operator telephone: (808) 522-7600
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

EDS UNION NO 4680 (Continued) **1001024231**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	04/23/1999
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Registry ID: 110005729248

Environmental Interest/Information System

HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C7
NW
1/8-1/4
0.173 mi.
912 ft.

Relative:
Lower

Actual:
6 ft.

ALII DRY CLEANERS INC.
910 HONOAPIILANI ROAD, #8B
LAHAINA, HI 96761

DRYCLEANERS **S107769057**
N/A

Site 1 of 2 in cluster C

HI DRYCLEANERS:

Pernit Number:	0093-01
Gal/Year:	110
Mach Type:	D-D
Island:	Maui
Company:	Not reported
Application Date:	Not reported
Issued Date:	5/18/1998
Phone Number:	Not reported
Responsible Official Name:	Cam B. Gaudet
Responsible Official Title:	President
Responsible Official Address:	910 Honoapiilani Hwy, #8B
Responsible Official City,St,Zip:	Lahaina, HI 96761

C8
NW
1/8-1/4
0.173 mi.
912 ft.

Relative:
Lower

Actual:
6 ft.

ALII DRY CLEANERS INC
910 HONOAPIILANI HWY
LAHAINA, HI 96761

RCRA-CESQG **1004688733**
FINDS **HI0000146944**

Site 2 of 2 in cluster C

RCRA-CESQG:

Date form received by agency:	02/11/1994
Facility name:	ALII DRY CLEANERS INC
Facility address:	910 HONOAPIILANI HWY W MAUI CENTER STE 8B LAHAINA, HI 96761
EPA ID:	HI0000146944
Mailing address:	HONOAPIILANI HWY W MAUI CENTER STE 8B LAHAINA, HI 96761
Contact:	CAM GAUDET
Contact address:	910 HONOAPIILANI HWY W MAUI CENTER STE 8B LAHAINA, HI 96761
Contact country:	US
Contact telephone:	(808) 667-2544
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

ALII DRY CLEANERS INC (Continued) **1004688733**

Owner/Operator Summary:
- Owner/operator name: ALII DRY CLEANERS INC
- Owner/operator address: 910 HONOAPIILANI HWY STE 8B
  LAHAINA, HI 96761
- Owner/operator country: Not reported
- Owner/operator telephone: (808) 667-2544
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): Unknown
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No
- Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 01/22/2007
- Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

- Evaluation date: 09/03/2004
- Evaluation: FOLLOW-UP INSPECTION
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

FINDS:

Registry ID: 110005721870

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D9 SHELL STATION **LUST U001236813**
WNW 711 MILL ST AKA 281 DICKENSON ST **UST N/A**
1/8-1/4 LAHAINA, HI 96761
0.223 mi.
1175 ft. Site 1 of 5 in cluster D

Relative:
Lower

Actual:
3 ft.

LUST:
Facility ID: 9-501862
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/16/1993
Release ID: 900005
Project Officer: Sheila Mackenzie

UST:
Facility ID: 9-501862
Owner: EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address: 2555 13TH AVE, SW
Ownder City,St,Zip: Lahaina, 96761 96761

Tank ID: 1
Date Installed: 12/30/1988
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 2
Date Installed: 3/2/1988
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 3
Date Installed: 3/2/1988
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

D10 LUXURY SPORTS CAR RENTAL **RCRA-NonGen 1000427385**
WNW 256 PAPALAUA ST **FINDS HID981665722**
1/8-1/4 LAHAINA, HI 96761
0.235 mi.
1243 ft. Site 2 of 5 in cluster D

Relative:
Lower

Actual:
3 ft.

RCRA-NonGen:
Date form received by agency: 12/10/1993
Facility name: LUXURY SPORTS CAR RENTAL
Facility address: 256 PAPALAUA ST
LAHAINA, HI 96761
EPA ID: HID981665722
Mailing address: PAPALAUA ST
LAHAINA, HI 96761
Contact: ENVIRONMENTAL MANAGER
Contact address: 256 PAPALAUA ST
LAHAINA, HI 96761

LUXURY SPORTS CAR RENTAL (Continued) **1000427385**

Contact country: US
Contact telephone: (808) 667-5686
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WAYNE CHILSON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110005725322

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

LUXURY SPORTS CAR RENTAL (Continued) **1000427385**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D11
WNW
1/8-1/4
0.240 mi.
1266 ft.

CHEVRON 92890
240 PAPALAUA ST
LAHAIMA, HI 96761

RCRA-CESQG **1008880414**
HIR000136911

Site 3 of 5 in cluster D

Relative:
Lower

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	09/16/2005
Facility name:	CHEVRON 92890
Facility address:	240 PAPALAUA ST LAHAIMA, HI 96761
EPA ID:	HIR000136911
Mailing address:	PO BOX 6004 SAN RAMON, CA 94583
Contact:	KATHY L NORRIS
Contact address:	PO BOX 6004 SAN RAMON, CA 94583
Contact country:	US
Contact telephone:	925-842-5931
Contact email:	KNORRIS@CHEVRON.COM
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHEVRON USA INC
Owner/operator address:	PO BOX 6004 SAN RAMON, CA 94583
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/01/1974
Owner/Op end date:	Not reported
Owner/operator name:	CHEVRON USA INC
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported

CHEVRON 92890 (Continued) **1008880414**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/01/1974
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:
Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

D12 **CODAC'S CHEVRON GASOLINE STATION (LAHAINA CHEVRON)** **SHWS S106818666**
WNW **240 PAPALAUA ST** **SPILLS N/A**
1/8-1/4 **LAHAINA, HI 96761**
0.240 mi.
1266 ft. **Site 4 of 5 in cluster D**

Relative:
Lower

Actual:
3 ft.

SHWS:
Organization: Lahaina Petroleum LLC
Supplemental Location Text: Codac's Chevron Facility
Island: Maui
Environmental Interest: Hydraulic Hoists and Sand-and-Grease Trap Removal
Hid Number: Not reported
Facility Registry Identifier: 110013771944
Lead Agency: Not reported
Program: State
Project Manager: Diane England
Hazard Priority: NFA
Site Status: NFA
Action: Assessment
Potential Hazards And Controls: Hazard Undetermined
Closure Document Title: NFA - Type Undetermined
Date Of Closure Document: 4/28/2005 1:19:03 AM

HI SPILLS:
Island: Maui
Supplemental Loc. Text: Codac's Chevron Facility
Case Number: 20040719-1615
HID Number: Not reported

CODAC'S CHEVRON GASOLINE STATION (LAHAINA CHEVRON) (Continued) **S106818666**

Facility Registry Id:	110013771944
Lead and Program:	HEER EP&R
ER:	Referred
Units:	Hydraulic Hoist Removal Release
Substances:	TPH oil
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	10/28/2005
Result:	8
File Under:	Lahaina Petroleum LLC

D13 **CODAC'S SALES & SERVICE** **LUST U003222214**
WNW **240 PAPALAUA ST** **UST N/A**
1/8-1/4 **LAHAINA, HI 96761**
0.240 mi.
1266 ft. **Site 5 of 5 in cluster D**

Relative:
Lower

Actual:
3 ft.

LUST:

Facility ID:	9-501125
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	7/11/2005
Release ID:	040038
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-501125
Owner:	CHEVRON PRODUCTS COMPANY
Owner Address:	91-480 MALAKOLE ST.
Ownder City,St,Zip:	Lahaina, 96761 96761
Tank ID:	1
Date Installed:	12/1/1985
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	2
Date Installed:	12/1/1985
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	3
Date Installed:	11/1/1985
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

CODAC'S SALES & SERVICE (Continued) **U003222214**

Tank ID: R-1
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1966
Tank Capacity: Not reported
Substance: Gasoline

Tank ID: R-2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1966
Tank Capacity: Not reported
Substance: Gasoline

Tank ID: R-3
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1966
Tank Capacity: Not reported
Substance: Gasoline

Tank ID: R-4A
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1966
Tank Capacity: Not reported
Substance: Used Oil

Tank ID: R-4B
Date Installed: 12/1/1985
Tank Status: **Permanently Out of Use**
Date Closed: 6/18/1997
Tank Capacity: 1000
Substance: Used Oil

14
SSW
1/4-1/2
0.256 mi.
1350 ft.

KEAHI CENTRAL OFFICE **FINDS 1006819432**
147 DICKENSON ST **LUST N/A**
LAHAINA, HI 96761

Relative:
Lower

Actual:
3 ft.

FINDS:

Registry ID: 110013772319

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency

KEAHI CENTRAL OFFICE (Continued) **1006819432**

Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

LUST:
Facility ID: 9-500558
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 4/5/2001
Release ID: 920038
Project Officer: Shunsheng Fu

15
SSW
1/4-1/2
0.263 mi.
1388 ft.

Relative:
Lower

Actual:
3 ft.

LAHAINA FOREIGN CAR REPAIR **FINDS 1006843479**
632 LUAKINI ST **LUST N/A**
LAHAINA, HI 96761

FINDS:

Registry ID: 110014050365

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

LUST:
Facility ID: 9-503347
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 9/4/1998
Release ID: 980035
Project Officer: Jose Ruiz

E16
NE
1/4-1/2
0.277 mi.
1465 ft.

Site 1 of 2 in cluster E

Relative:
Higher

Actual:
68 ft.

PIONEER MILL COMPANY, LTD. **SHWS S106820070**
380 LAHAINALUNA RD **SPILLS N/A**
LAHAINA, HI 96761

SHWS:
Organization: Pioneer Mill Co., Ltd.
Supplemental Location Text: Not reported
Island: Maui

PIONEER MILL COMPANY, LTD. (Continued) **S106820070**

Environmental Interest:	Pioneer Mill--Lahaina
Hid Number:	Not reported
Facility Registry Identifier:	110001763958
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	No Hazard
Closure Document Title:	NFA Letter - Unrestricted Residential Use
Date Of Closure Document:	7/9/2004 1:13:36 AM

HI SPILLS:

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	19940729-24
HID Number:	Not reported
Facility Registry Id:	110001763958
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Pioneer Mill Co Ltd
Substances:	SEE INCIDENT DESCRIPTION
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	8
File Under:	Pioneer Mill Co., Ltd.

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	19961122-1509
HID Number:	Not reported
Facility Registry Id:	110001763958
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Pioneer Mill Co., Ltd. Trailer Tank Failure
Substances:	used oil
Less Or Greater Than:	Not reported
Numerical Quantity:	800
Units:	Gallons
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	8
File Under:	Pioneer Mill Co., Ltd.

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	20010306-1356
HID Number:	Not reported
Facility Registry Id:	110001763958
Lead and Program:	HEER EP&R
ER:	No

PIONEER MILL COMPANY, LTD. (Continued) **S106820070**

Units:	Pioneer Mill Co. (AMFAC Land Co.)
Substances:	Diesel/Bunker Fuel
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	8
File Under:	Pioneer Mill Co., Ltd.

E17
NE
1/4-1/2
0.277 mi.
1465 ft.

Relative:
Higher

Actual:
68 ft.

PIONEER NILL CO, LTD
380 LAHAINALUNA RD
LAHAINA, HI 96761

Site 2 of 2 in cluster E

CERCLIS **1000312458**
RCRA-SQG **HID009158106**
FTTS
HIST FTTS
PADS
FINDS

CERCLIS:

Site ID:	0905869
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Site Contact Name(s):

Contact Name:	Eugenia Chow
Contact Tel:	(415) 972-3160
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Carl Brickner
Contact Tel:	(415) 972-3814
Contact Title:	Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	07/05/01
Priority Level:	Not reported
Action:	COMBINED PRELIMINARY ASSESSMENT/SITE INSPECTION
Date Started:	07/18/02
Date Completed:	09/22/04
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

RCRA-SQG:

Date form received by agency:	02/04/1986
Facility name:	PIONEER NILL CO, LTD
Facility address:	380 LAHAINALUNA RD LAHAINA, HI 96761
EPA ID:	HID009158106
Mailing address:	P O BOX 727 LAHAINA, HI 96761
Contact:	CHRIS LINDLEY
Contact address:	380 LAHAINALUNA RD

PIONEER NILL CO, LTD (Continued) **1000312458**

LAHAINA, HI 96761
Contact country: US
Contact telephone: (808) 661-0529
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: AMFAC, INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 05/12/2000

PIONEER NILL CO, LTD (Continued) **1000312458**

Date achieved compliance: 09/12/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2000
Date achieved compliance: 09/12/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/03/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 09/12/2000
Evaluation lead agency: State

Evaluation date: 02/03/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/12/2000
Evaluation lead agency: State

FTTS:
Case Number: Not reported
Docket Number: 09-92-0010
Complaint Issue Date: 03/09/92
Abatement Amount: 0.0000
Proposed Penalty: 5000.0000
Final Assessment: 0.0000
Final Order Date: 03/04/93
Close Date: / /
Violations(s): Disposal; Environ Release, PCB Item in Use

HIST FTTS:
Case Number: Not reported
Docket Number: 09-92-0010
Complaint Issue Date: 03/09/1992
Abatement Amount: 0.0000
Proposed Penalty: 5000.0000
Final Assessment: 0.0000

PIONEER NILL CO, LTD (Continued) **1000312458**

Final Order Date: 03/04/1993
Close Date: / /
Violations(s): Disposal; Environ Release, PCB Item in Use

FINDS:

Registry ID: 110001763958

Environmental Interest/Information System

HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

PIONEER NILL CO, LTD (Continued) **1000312458**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

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18 **CABANILA SHELL SERVICE** **LUST U001236622**
WNW **156 PAPALAUA ST** **UST N/A**
1/4-1/2 **LAHAINA, HI 96761**
0.293 mi.
1547 ft.

Relative:
Lower

Actual:
3 ft.

LUST:

Facility ID:	9-500214
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	3/8/2000
Release ID:	000048
Project Officer:	Jeffrey Ung

UST:

Facility ID:	9-500214
Owner:	EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address:	2555 13TH AVE, SW
Ownder City,St,Zip:	Lahaina, 96761 96761
Tank ID:	R-1
Date Installed:	4/21/1985
Tank Status:	**Permanently Out of Use**
Date Closed:	12/2/1999
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	R-2
Date Installed:	4/21/1985
Tank Status:	**Permanently Out of Use**
Date Closed:	12/2/1999
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	R-3
Date Installed:	4/22/1983
Tank Status:	**Permanently Out of Use**
Date Closed:	12/3/1999
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	R-4

CABANILA SHELL SERVICE (Continued) **U001236622**

Date Installed: 6/30/1991
Tank Status: **Permanently Out of Use**
Date Closed: 12/1/1999
Tank Capacity: 550
Substance: Used Oil

Tank ID: R-5
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 6/30/1991
Tank Capacity: 550
Substance: Used Oil

19
South
1/4-1/2
0.417 mi.
2202 ft.

Relative:
Lower

Actual:
3 ft.

MATSUMOTO SERVICE STATION, INC **LUST U003222261**
602 FRONT ST **UST N/A**
LAHAINA, HI 96761

LUST:
Facility ID: 9-502644
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/21/1994
Release ID: 920153
Project Officer: Raymond Seid

UST:
Facility ID: 9-502644
Owner: MATSUMOTO SERVICE STATION, INC
Owner Address: 602 FRONT ST
Ownder City,St,Zip: Lahaina, 96761 96761

Tank ID: R-1
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 11/14/1992
Tank Capacity: 3000
Substance: Gasoline

Tank ID: R-2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 11/14/1992
Tank Capacity: 3000
Substance: Gasoline

20
NW
1/2-1
0.635 mi.
3354 ft.

LAHAINA CANNERY MALL
1221 HONOAPIILANI HWY
LAHAINA, HI 96761

SHWS **S106818664**
SPILLS **N/A**

Relative:
Lower

Actual:
3 ft.

SHWS:

Organization:	Hawaii Omori Corporation
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Lahaina Cannery Mall
Hid Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Clarence Callahan
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	12/19/2003 1:19:21 AM

HI SPILLS:

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	20031017-1200
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	No
Units:	Temporary Monitoring Well Fuel Release
Substances:	Diesel Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	11/4/2004
Result:	8
File Under:	Hawaii Omori Corporation

21
WNW
1/2-1
0.775 mi.
4091 ft.

LAHAINA WASTE WATER PUMP STATION #4
ALA MOANA ST
LAHAINA, HI 96761

FINDS **1006819430**
SHWS **N/A**

Relative:
Lower

Actual:
4 ft.

FINDS:

Registry ID: 110013772293

Environmental Interest/Information System

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP

LAHAINA WASTE WATER PUMP STATION #4 (Continued) **1006819430**

reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

SHWS:

Organization:	County of Maui, Department of Public Works and Waste Management, Wastewater Reclair
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Lahaina Waste Water Pump Station #4
Hid Number:	Not reported
Facility Registry Identifier:	110013772293
Lead Agency:	Not reported
Program:	State
Project Manager:	Laura Young
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	4/10/2000 1:19:21 AM

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LAHAINA	U003402933	LAHAINA SPS #2 (HONOAPIILANI)	2010TH HONOAPIILANI HWY & KAAN	96761	LUST, UST
LAHAINA	U003541889	LAHAINA SPS#1 (HONOAPIILANI)	3300TH HONOAPIILANI HWY & HALA	96761	UST
LAHAINA	U003402937	NAPILI #1 P.S. (HONOKOWA)	3300TH HONOAPIILANI HWY & KAME	96761	UST
LAHAINA	U003402936	NAPILI #2 P.S. (KAPUA)	3300TH HONOAPIILANI HWY & AEKA	96761	UST
LAHAINA	U003402935	NAPILI #3 P.S. (KAEA POINT)	3300TH HONOAPIILANI HWY & HOOH	96761	UST
LAHAINA	1000244972		CORNER HONOAPILANI HWY & NAPIL	96761	RCRA-NonGen, FINDS
LAHAINA	U003402934	NAPILI #4 P.S.	3300 HONOAPIILANI HWY	96761	UST
LAHAINA	U003222199	NAPILI CENTRAL OFFICE	HONOAPIILANI HWY & HUI RD E	96761	UST
LAHAINA	U003732591	PAPILLION HAWAIIAN HELICOPTERS HEL	HONOAPIILANI HWY	96761	LUST, UST
LAHAINA	S110061632	LAUNIUPOKO TRANSFORMER	915 KAI HELE KU PL	96761	SHWS, SPILLS
LAHAINA	S110061659	MECO TRANSFORMER SITE	6 KAI ALA DR	96761	SHWS
LAHAINA	S110061577	KAMEHAMEHA SCHOOLS LAHAINALUNA ROA	LAHAINALUNA RD	96761	SHWS
LAHAINA	S110061635	LUAWAI ROAD TRANSFORMER	LUAWAI RD	96761	SHWS
LAHAINA	S110061730	OLOWALU SHAFT TRANSFORMER SUBSTATI	OLOWALU VALLEY RD	96761	SHWS
LAHAINA	S108859830	PUUKOLII OLD PIONEER MILL TRANSFOR	PUUKOLII RD	96761	SHWS, SPILLS
LAHAINA	S108859841	SHAW STREET OLD PIONEER MILL TRANS	SHAW ST	96761	SHWS, SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/30/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites List

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills in the State of Hawaii

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2010
Date Data Arrived at EDR: 04/08/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 41

Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 33

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites
A listing of sites with engineering controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 404-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites
Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites
With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/23/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 28

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing
A listing of permitted drycleaner facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

AIRS: List of Permitted Facilities
A listing of permitted facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/14/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DAVID MALO CIRCLE
MILL STREET
LAHAINA, HI 96761

TARGET PROPERTY COORDINATES

Latitude (North):	20.87690 - 20° 52' 36.8"
Longitude (West):	156.6758 - 156° 40' 32.9"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	741802.4
UTM Y (Meters):	2310136.0
Elevation:	16 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	20156-H6 HALAWA OE S, HI
Most Recent Revision:	Not reported
South Map:	20156-G6 ISLAND OF LANAI OE NE, HI
Most Recent Revision:	Not reported

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

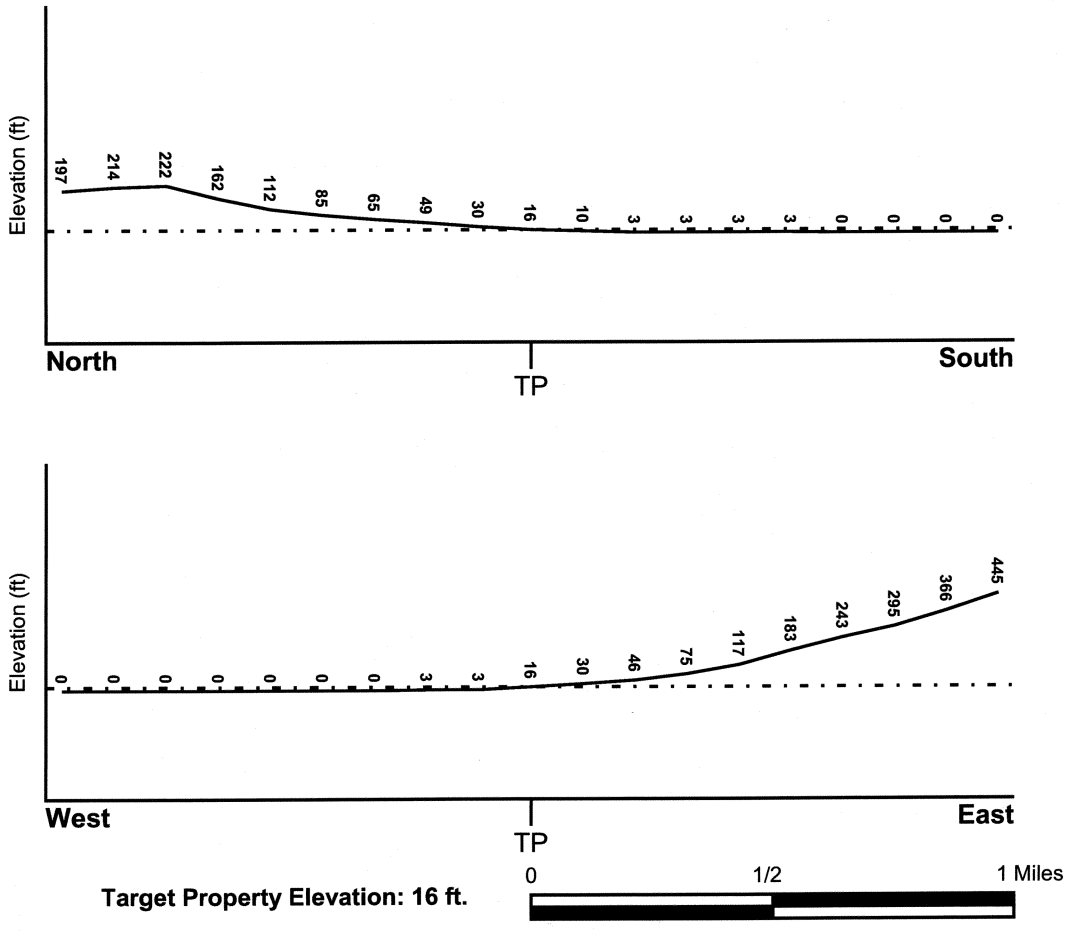
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
MAUI, HI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 1500030163B - FEMA Q3 Flood data

Additional Panels in search area: 1500030161B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

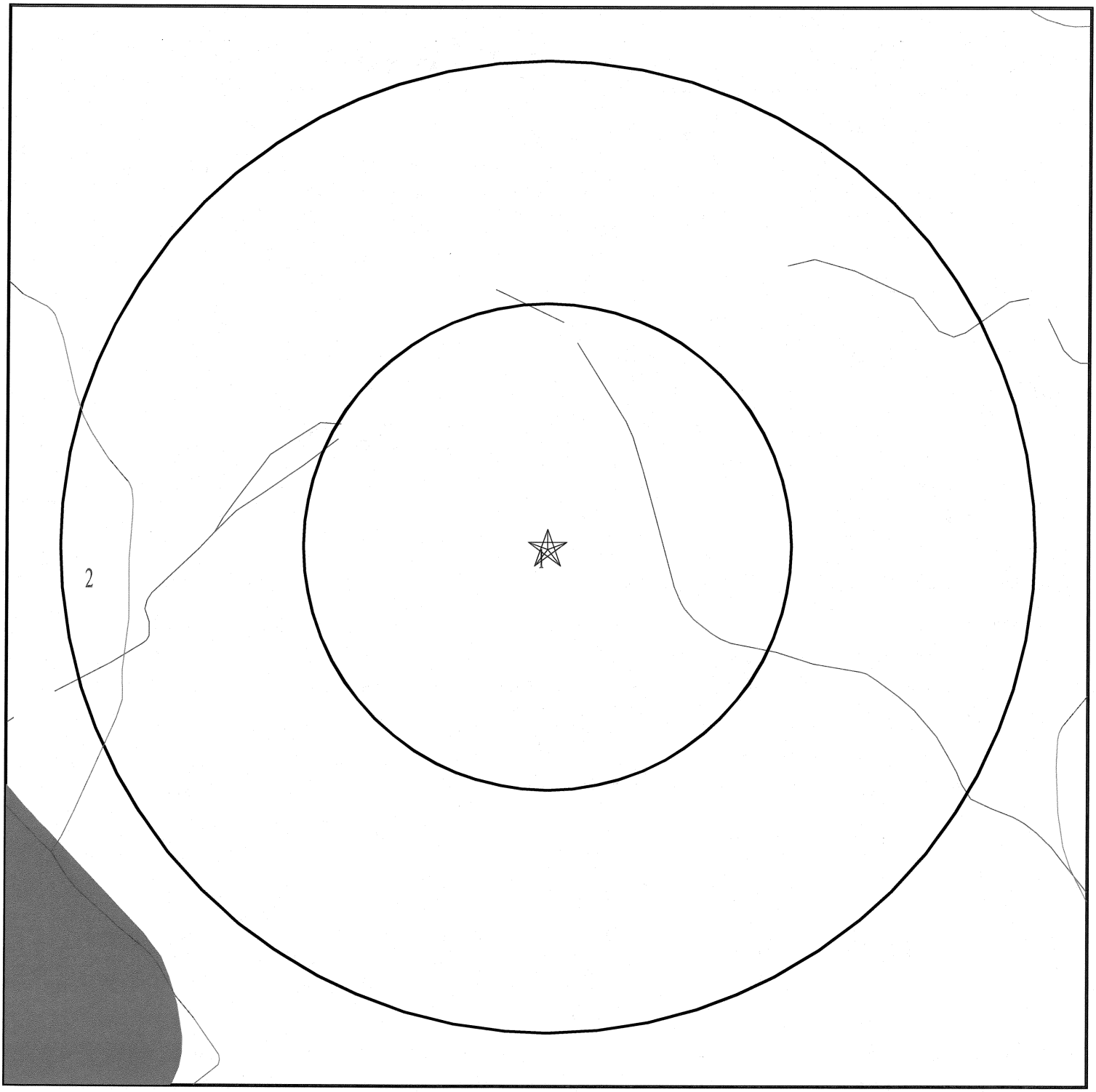
Era:	-
System:	-
Series:	-
Code:	N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2779851.9s



★ Target Property
SSURGO Soil
Water

SITE NAME:	David Malo Circle	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	Mill Street	CONTACT:	Ronald A. Sato
	Lahaina HI 96761	INQUIRY #:	2779851.9s
LAT/LONG:	20.8769 / 156.6758	DATE:	May 27, 2010 12:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Ewa

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 4.23	Max: 7.8 Min: 6.6
2	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 4.23	Max: 7.8 Min: 6.6

Soil Map ID: 2

Soil Component Name: Pulehu

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 7.8 Min: 6.6
2	20 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 7.8 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

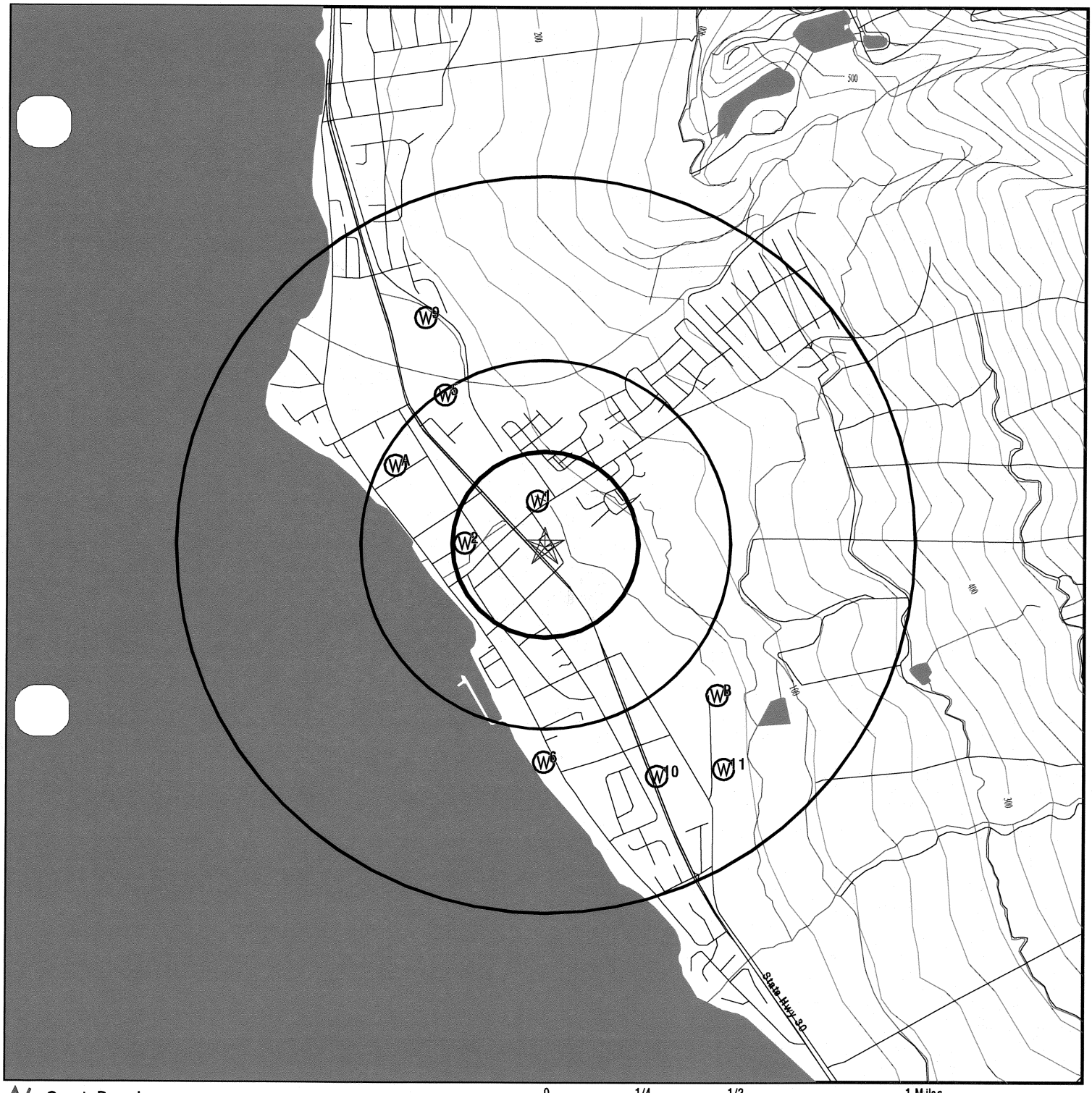
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	HI5000000001290	0 - 1/8 Mile North
2	HI5000000001278	1/8 - 1/4 Mile West
A3	HI5000000001304	1/4 - 1/2 Mile WNW
A4	HI5000000001311	1/4 - 1/2 Mile WNW
5	HI5000000001348	1/4 - 1/2 Mile NW
6	HI5000000001263	1/2 - 1 Mile South
B7	HI5000000001267	1/2 - 1 Mile SE
B8	HI5000000001266	1/2 - 1 Mile SE
9	HI5000000001384	1/2 - 1 Mile NNW
10	HI5000000001258	1/2 - 1 Mile SSE
11	HI5000000001262	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 2779851.9s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

SITE NAME:	David Malo Circle	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	Mill Street	CONTACT:	Ronald A. Sato
	Lahaina HI 96761	INQUIRY #:	2779851.9s
LAT/LONG:	20.8769 / 156.6758	DATE:	May 27, 2010 12:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **North** **0 - 1/8 Mile** **Higher**	**HI WELLS**	**HI5000000001290**

Wid:	6-5240-001	Island:	6
Well no:	5240-01	Well name:	Mill Pump C
Old name:	Not Reported	Yr drilled:	1897
Driller:	Not Reported	Quad map:	02
Longitude2:	1564044	Latitude27:	205255
Longitude8:	1564034	Latitude83:	205243
Lat83d:	20	Lat83m:	52
Lat83s:	43	Lon83d:	156
Lon83m:	40	Lon83s:	34
Lat83dd:	20.87861		
Lon83dd:	-156.67611		
Long83dd:	-156.67611		
Lat83dd 1:	20.87861		
Gps:	0	Utm:	1
Owner user:	Pioneer Mill Co., LLC	Old number:	7-SH
Well type:	SHF	Casing dia:	Not Reported
Ground el:	34	Well depth:	39
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed		
Use year:	06		
Init water:	Not Reported		
Init head:	0		
Init chlor:	540	Init cl:	540.00000
Test date:	Not Reported	Test gpm:	6944
Test ddown:	4.7	Test chlor:	680
Test temp:	22.8	Temp unit:	C
Pump gpm:	7000.00000	Draft mgy:	604
Head feet:	3.0	Max chlor:	1600
Min chlor:	1000	Geology:	TW
Pump yr:	42	Draft yr:	76
Head yr:	42	Maxchl:	1/1/1963
Maxchl yr:	63	Minchl:	1/1/1942
Minchl yr:	63	Bot hole:	-5
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	1477	Pump mgd:	10.000
Draft mgd:	1.7	Aquifer:	60204
Tmk:	4-5-009:007	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	3.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	04/21/2003
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001290

2 **West** **1/8 - 1/4 Mile** **Lower**	**HI WELLS**	**HI5000000001278**

Wid:	6-5240-005	Island:	6
Well no:	5240-05	Well name:	Lahaina UMC
Old name:	Not Reported	Yr drilled:	1989
Driller:	BRYAN SARASIN	Quad map:	02
Longitude2:	1564055	Latitude27:	205249
Longitude8:	1564045	Latitude83:	205237
Lat83d:	20	Lat83m:	52
Lat83s:	37	Lon83d:	156
Lon83m:	40	Lon83s:	45
Lat83dd:	20.87694		
Lon83dd:	-156.67917		
Long83dd:	-156.67917		
Lat83dd 1:	20.87694		
Gps:	0	Utm:	1
Owner user:	Lahaina UMC	Old number:	Not Reported
Well type:	ROT	Casing dia:	4
Ground el:	8	Well depth:	78
Solid case:	55	Perf case:	Not Reported
Use:	IRR - Landscape/Water Features		
Use year:	89		
Init water:	Not Reported		
Init head:	0		
Init chlor:	100	Init cl:	100.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	1200
Test temp:	20.0	Temp unit:	C
Pump gpm:	30.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	89	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-70
Bot solid:	-47	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.040
Draft mgd:	Not Reported	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1989
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001278

A3
WNW
1/4 - 1/2 Mile
Lower

HI WELLS **HI5000000001304**

Wid:	6-5241-001	Island:	6
Well no:	5241-01	Well name:	Lahaina Surf
Old name:	Not Reported	Yr drilled:	1985
Driller:	DAVID PICO	Quad map:	02
Longitude2:	1564105	Latitude27:	205259
Longitude8:	1564055	Latitude83:	205247
Lat83d:	20	Lat83m:	52
Lat83s:	47	Lon83d:	156
Lon83m:	40	Lon83s:	55
Lat83dd:	20.87972		

Lon83dd:	-156.68194		
Long83dd:	-156.68194		
Lat83dd 1:	20.87972		
Gps:	0	Utm:	1
Owner user:	Hale Mahaolu	Old number:	Not Reported
Well type:	ROT	Casing dia:	4
Ground el:	Not Reported	Well depth:	28
Solid case:	23	Perf case:	28
Use:	IRR - Landscape/Water Features		
Use year:	85		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	35.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.050
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-5-003:035	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1985
Pir:	########	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001304

A4
WNW
1/4 - 1/2 Mile
Lower

HI WELLS **HI5000000001311**

Wid:	6-5341-002	Island:	6
Well no:	5341-02	Well name:	Front St. House
Old name:	Not Reported	Yr drilled:	Not Reported
Driller:	Not Reported	Quad map:	02
Longitude2:	1564106	Latitude27:	205301
Longitude8:	1564056	Latitude83:	205249
Lat83d:	20	Lat83m:	52
Lat83s:	49	Lon83d:	156
Lon83m:	40	Lon83s:	56
Lat83dd:	20.88028		
Lon83dd:	-156.68222		
Long83dd:	-156.68222		
Lat83dd 1:	20.88028		
Gps:	0	Utm:	1
Owner user:	Dornbush W	Old number:	Not Reported
Well type:	DUG	Casing dia:	6
Ground el:	13	Well depth:	35
Solid case:	25	Perf case:	Not Reported
Use:	IRR - Landscape/Water Features		
Use year:	00		
Init water:	Not Reported		

Init head:	.52		
Init chlor:	Not Reported	Init cl:	2360.00000
Test date:	########	Test gpm:	208
Test ddown:	9.17	Test chlor:	2360
Test temp:	77	Temp unit:	F
Pump gpm:	102.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	Not Reported
Pump yr:	02	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-22
Bot solid:	-12	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.147
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-5-003:013	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1933
Pir:	Not Reported	Surveyor:	BRUCE R LEE
T:	2652.00000	Pump elev:	-16
Pump depth:	29	Site id:	HI5000000001311

5
NW
1/4 - 1/2 Mile
Lower

HI WELLS **HI5000000001348**

Wid:	6-5240-009	Island:	6
Well no:	5240-09	Well name:	Kahoma Irr
Old name:	Not Reported	Yr drilled:	2006
Driller:	Not Reported	Quad map:	02
Longitude2:	1564058	Latitude27:	205310
Longitude8:	1564048	Latitude83:	205258
Lat83d:	20	Lat83m:	52
Lat83s:	58	Lon83d:	156
Lon83m:	40	Lon83s:	48
Lat83dd:	20.88278		
Lon83dd:	-156.68		
Long83dd:	-156.68		
Lat83dd 1:	20.88278		
Gps:	1	Utm:	0
Owner user:	Not Reported	Old number:	Not Reported
Well type:	ROT	Casing dia:	6
Ground el:	29	Well depth:	58
Solid case:	38	Perf case:	58
Use:	IRR - Landscape/Water Features		
Use year:	06		
Init water:	Not Reported		
Init head:	3.5		
Init chlor:	Not Reported	Init cl:	820.00000
Test date:	2/1/2006	Test gpm:	160
Test ddown:	Not Reported	Test chlor:	820
Test temp:	70.0	Temp unit:	F
Pump gpm:	150.00000	Draft mgy:	Not Reported
Head feet:	3.50	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	06	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported

Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-29
Bot solid:	-9	Bot perf:	-29
Spec capac:	Not Reported	Pump mgd:	.216
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-5-011:001	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	03/06/2008
Pir:	3/7/2008	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	-8
Pump depth:	37	Site id:	HI5000000001348

6
South
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001263**

Wid:	6-5240-004	Island:	6
Well no:	5240-04	Well name:	Lahaina
Old name:	Not Reported	Yr drilled:	1956
Driller:	PACIFIC DRLG	Quad map:	02
Longitude2:	1564043	Latitude27:	205218
Longitude8:	1564033	Latitude83:	205206
Lat83d:	20	Lat83m:	52
Lat83s:	06	Lon83d:	156
Lon83m:	40	Lon83s:	33
Lat83dd:	20.86833		
Lon83dd:	-156.67583		
Long83dd:	-156.67583		
Lat83dd 1:	20.86833		
Gps:	0	Utm:	1
Owner user:	Shaw P	Old number:	290-
Well type:	Not Reported	Casing dia:	6
Ground el:	10	Well depth:	55
Solid case:	20	Perf case:	Not Reported
Use:	UNU - Unused		
Use year:	58		
Init water:	4.0		
Init head:	4		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	150
Test ddown:	Not Reported	Test chlor:	3140
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	150.00000	Draft mgy:	79
Head feet:	Not Reported	Max chlor:	3140
Min chlor:	Not Reported	Geology:	RA
Pump yr:	56	Draft yr:	56
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	1/1/1956
Minchl yr:	0	Bot hole:	-45
Bot solid:	-10	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.220
Draft mgd:	0.2	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1956
Pir:	Not Reported	Surveyor:	Not Reported

T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001263

B7
SE
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001267**

Wid:	6-5240-002	Island:	6
Well no:	5240-02	Well name:	Lahaina-Pump A
Old name:	Not Reported	Yr drilled:	1897
Driller:	Not Reported	Quad map:	02
Longitude2:	1564017	Latitude27:	205228
Longitude8:	1564007	Latitude83:	205216
Lat83d:	20	Lat83m:	52
Lat83s:	16	Lon83d:	156
Lon83m:	40	Lon83s:	07
Lat83dd:	20.87111		
Lon83dd:	-156.66861		
Long83dd:	-156.66861		
Lat83dd 1:	20.87111		
Gps:	0	Utm:	1
Owner user:	Pioneer Mill	Old number:	8-SH
Well type:	SHF	Casing dia:	Not Reported
Ground el:	30	Well depth:	31
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IRR - Irrigation (non-domestic, non-agriculture)		
Use year:	Not Reported		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	7000.00000	Draft mgy:	2048
Head feet:	2.0	Max chlor:	1368
Min chlor:	248	Geology:	TW
Pump yr:	42	Draft yr:	76
Head yr:	42	Maxchl:	########
Maxchl yr:	94	Minchl:	3/7/1979
Minchl yr:	94	Bot hole:	-1
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	10.000
Draft mgd:	5.6	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	2.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	04/21/2003
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001267

B8
SE
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001266**

Wid:	6-5240-003	Island:	6
Well no:	5240-03	Well name:	Lahaina-Pump B
Old name:	Not Reported	Yr drilled:	1897
Driller:	Not Reported	Quad map:	02
Longitude2:	1564017	Latitude27:	205227
Longitude8:	1564007	Latitude83:	205215
Lat83d:	20	Lat83m:	52
Lat83s:	15	Lon83d:	156
Lon83m:	40	Lon83s:	07
Lat83dd:	20.87083		
Lon83dd:	-156.66861		
Long83dd:	-156.66861		
Lat83dd 1:	20.87083		
Gps:	0	Utm:	1
Owner user:	Pioneer Mill	Old number:	9-SH
Well type:	SHF	Casing dia:	Not Reported
Ground el:	30	Well depth:	31
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IRR - Irrigation (non-domestic, non-agriculture)		
Use year:	Not Reported		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	22.8	Temp unit:	C
Pump gpm:	1400.00000	Draft mgy:	4360
Head feet:	2.0	Max chlor:	1265
Min chlor:	800	Geology:	TW
Pump yr:	42	Draft yr:	76
Head yr:	42	Maxchl:	1/1/1963
Maxchl yr:	63	Minchl:	1/1/1942
Minchl yr:	63	Bot hole:	-1
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	2.000
Draft mgd:	11.9	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	2.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	04/21/2003
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001266

9
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001384**

Wid:	6-5341-001	Island:	6
Well no:	5341-01	Well name:	Wahikuli Pump L
Old name:	Not Reported	Yr drilled:	1897
Driller:	Not Reported	Quad map:	02
Longitude2:	1564101	Latitude27:	205321
Longitude8:	1564051	Latitude83:	205309
Lat83d:	20	Lat83m:	53
Lat83s:	09	Lon83d:	156
Lon83m:	40	Lon83s:	51
Lat83dd:	20.88583		

Lon83dd:	-156.68083		
Long83dd:	-156.68083		
Lat83dd 1:	20.88583		
Gps:	0	Utm:	1
Owner user:	Pioneer Mill	Old number:	Not Reported
Well type:	TUN	Casing dia:	Not Reported
Ground el:	26	Well depth:	27
Solid case:	Not Reported	Perf case:	Not Reported
Use:	Not Reported		
Use year:	Not Reported		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	3528.00000	Draft mgy:	548
Head feet:	1.5	Max chlor:	600
Min chlor:	378	Geology:	Not Reported
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	########
Maxchl yr:	94	Minchl:	Not Reported
Minchl yr:	94	Bot hole:	-1
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	5.040
Draft mgd:	1.5	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	1.50000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1933
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001384

10
SSE
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001258**

Wid:	6-5240-008	Island:	6
Well no:	5240-08	Well name:	Lahaina Rec Ctr
Old name:	Not Reported	Yr drilled:	1986
Driller:	ROSCOE MOSS	Quad map:	02
Longitude2:	1564026	Latitude27:	205216
Longitude8:	1564016	Latitude83:	205204
Lat83d:	20	Lat83m:	52
Lat83s:	04	Lon83d:	156
Lon83m:	40	Lon83s:	16
Lat83dd:	20.86778		
Lon83dd:	-156.67111		
Long83dd:	-156.67111		
Lat83dd 1:	20.86778		
Gps:	0	Utm:	1
Owner user:	Maui Parks & Rec	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	8
Ground el:	Not Reported	Well depth:	45
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IRR - Parks		
Use year:	86		
Init water:	Not Reported		

Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	100.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	Not Reported
Pump yr:	97	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.144
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-6-012:005	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1989
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001258

11
SE
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001262**

Wid:	6-5240-007	Island:	6
Well no:	5240-07	Well name:	Lahaina Park
Old name:	Not Reported	Yr drilled:	2002
Driller:	WAILANI DRLG	Quad map:	02
Longitude2:	1564016	Latitude27:	205217
Longitude8:	1564006	Latitude83:	205205
Lat83d:	20	Lat83m:	52
Lat83s:	05	Lon83d:	156
Lon83m:	40	Lon83s:	06
Lat83dd:	20.86806		
Lon83dd:	-156.66833		
Long83dd:	-156.66833		
Lat83dd 1:	20.86806		
Gps:	1	Utm:	0
Owner user:	Maui Parks & Rec	Old number:	Not Reported
Well type:	ROT	Casing dia:	6
Ground el:	34	Well depth:	41
Solid case:	21	Perf case:	41
Use:	IRR - Parks		
Use year:	03		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	380.00000
Test date:	6/7/2002	Test gpm:	110
Test ddown:	4.2	Test chlor:	340
Test temp:	75.0	Temp unit:	F
Pump gpm:	110.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	03	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-8
Bot solid:	11	Bot perf:	-9
Spec capac:	Not Reported	Pump mgd:	0.158
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-6-015:001	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1989
Pir:	Not Reported	Surveyor:	BRUCE R LEE
T:	4267.00000	Pump elev:	-6
Pump depth:	40	Site id:	HI5000000001262

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MAUI County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96761

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.030 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database
Source: Department of Land and Natural Resources
Telephone: 808-587-0214
CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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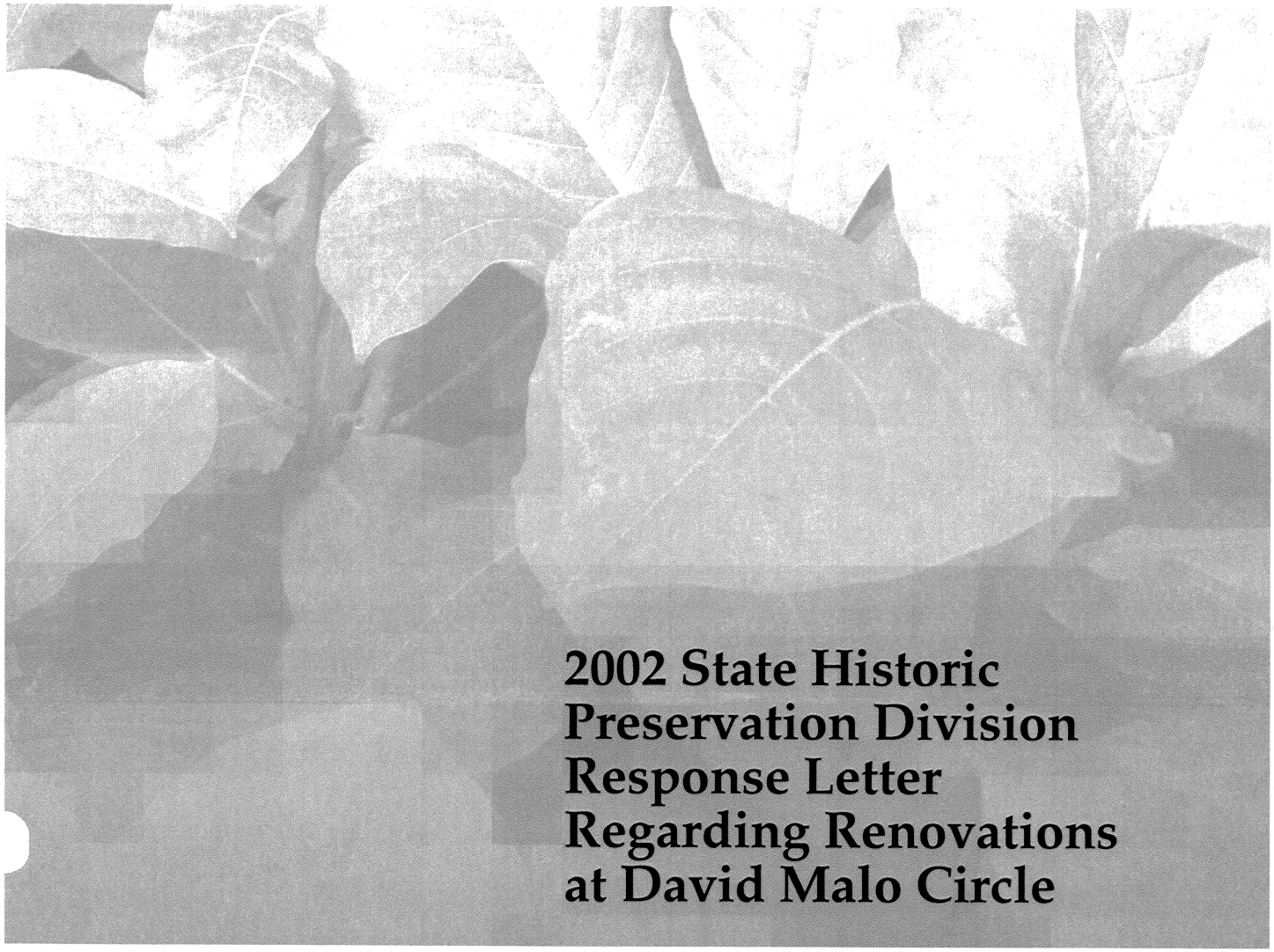

2002 State Historic Preservation Division Response Letter Regarding Renovations at David Malo Circle

BENJAMIN J. CAYETANO
GOVERNOR OF HAWAII

GILBERT S. COLOMA-AGARAN, CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCES MANAGEMENT

DEPUTIES
ERIC T. HIRANO
LINNEL NISHIOKA

STATE OF HAWAII

DEPARTMENT OF LAND AND NATURAL RESOURCES

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

AQUATIC RESOURCES
RECREATION
WATER RESOURCE
RESOURCES
LIFE
TION

JUL 23 10 47 AM '02

RECEIVED
H.C.D.C.H.

Need monitoring plan. 7/16 (David Malo) (1) - wrong TMK listed

July 16, 2002

Mr. Robert J. Hall, Executive Assistant
State of Hawaii
Department of Business, Economic Development and Tourism
Housing and Community Development Corporation of Hawaii
677 Queen Street, Suite 300
Honolulu, Hawaii 96813

LOG NO: 30322
DOC NO: 0207CD18

Dear Mr. Hall,

SUBJECT: **National Historic Preservation Act Section 106 Review Pertaining to an Information Request**
Pertaining to the Housing and Urban Developmental Review for the Proposed Improvements at
David Malo Circle
Paunau Ahupua`a, Lahaina District, Island of Maui
TMK: (2) 4-6-010:027

Thank you for the opportunity to provide comments pertaining to your information request regarding the proposed improvements at David Malo Circle, which was received by our staff 14 June 2002. Our review is based on reports, maps, and aerial photographs maintained at the State Historic Preservation Division; no field inspection was conducted of the subject property.

Based on the submitted information request, we understand the proposed undertaking consists of reconstructing at least 5% of the units for the handicapped and 2% of the units to accommodate the hearing/visually impaired. The proposed plan includes, but is not limited to, the replacement of the plumbing and electrical features, the construction of accessible parking, ramps, and walkways, and the replacement of cesspools with septic tanks and leach fields.

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-Contact farming, perhaps with scattered houses, during the pre-Contact period. The REDI Realty Tax Map Key indicates numerous LCA's were issued in this area during the Mahele of the mid-1800s. In addition, nearby historic sites include the Aus Site (50-50-03-1797), the Hauola Stone (50-50-03-

1202), and the Moku`ula Complex. Given the above information, we believe historic sites or site remnants may be present in the subsurface deposits of the subject property.

Therefore, we recommend a qualified archaeological monitor be present during all ground-altering activities in order to document, record, and to provide mitigation measures as necessary. An acceptable monitoring plan will need to be submitted to this office for review, prior to the commencement of any ground-altering activities. An acceptable report documenting the findings of the monitoring activities will need to be submitted to this office for review upon 180 days following the completion of the proposed undertaking. This should mitigate any adverse effects to significant sites which may occur.

If you have any questions, please call Cathleen Dagher (Archaeologist) at (808) 692-8023.

Aloha,

Don Hibbard, Administrator
State Historic Preservation Division

CD:jk

Kahale Mua
HA 1088

Kahale Mua
HA 1088

Certification of Categorical Exclusion (subject to 58.5)

Determination of activities listed at 24 CFR 58.35(a)
May be subject to provisions of Sec 58.6, as applicable

Grant Recipient: HPHA Project Name: Kahale Mua
Project Description (Include all actions which are either geographically or functionally related):

Improvements may involve the following:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: Maunaloa Road, Mauanaloa, Moloka'i 96770
Funding Source: CDBG HOME ESG HOPWA EDI (Capital Fund) Operating Subsidy Hope VI (Other)
Funding Amount: _____ Grant Number: _____

I hereby certify that the abovementioned project has been reviewed and determined to be a Categorically Excluded activity (subject to 58.5) per 24 CFR 58.35(a) as follows:

	1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets);
	2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
	3. Rehabilitation of buildings and improvements when the following conditions are met: i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland; ii. In the case of multifamily residential buildings: (A) Unit density is not changed more than 20 percent; (B) The project does not involve changes in land use from residential to non-residential; and (C) The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation. iii. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.
	4. (i) An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between; or (ii) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site. (iii) Paragraphs (a)(4)(i) and (ii) of this section do not apply to rehabilitation of a building for residential use (with one to four units) (see paragraph (a)(3)(i) of this section).

	5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.
X	6. Combinations of the above activities.

The responsible entity must also complete and attach a **Statutory Checklist**. By signing below the Responsible Entity certifies in writing that each activity or project is Categorically Excluded (subject to 58.5) and meets the conditions specified for such exemption under section 24 CFR 58.35(a). Please keep a copy of this determination in your project files.

Mr. Neil Abercrombie
Responsible Entity Certifying Official Name

Neil Abercrombie
Responsible Entity Certifying Official Signature

Governor, State of Hawaii
Title (please print)

5.31.11
Date

Compliance Documentation Checklist
24 CFR 58.6

Project Name: Kahale Mua

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: Maunaloa Road, Mauanaloa, Moloka'i 96770

Level of Environmental Review Determination: Categorically Excluded subject to statutes per § 58.35(a)
(Select One: Exempt per 24 CFR 58.34, or Categorically Excluded not subject to statutes per § 58.35(b), or Categorically Excluded subject to statutes per § 58.35(a), or Environmental Assessment per § 58.36, or EIS per 40 CFR 1500)

STATUTES and REGULATIONS listed at 24 CFR 58.6

FLOOD DISASTER PROTECTION ACT

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard?

(X) No; Cite Source Document: Flood Insurance Rate Map Panel 1500030150E
( ) Yes; Source Document: _____

2. Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

(X) Yes (Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration must be kept on file).
( ) No **(Federal assistance may not be used in the Special Flood Hazards Area).**

COASTAL BARRIERS RESOURCES ACT

1. Is the project located in a coastal barrier resource area?

(X) No; Hawai'i has no coastal barriers (http://www.fws.gov/habitatconservation/coastal_barrier.html).
( ) Yes **(Federal assistance may not be used in such an area).**

AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES DISCLOSURES

1. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

(X) No; Source Documentation: Molokai Airport Master Plan (1999)

Project complies with 24 CFR 51.303(a)(3).

( ) Yes; **Disclosure statement must be provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

STATUTORY CHECKLIST

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS

Grant Recipient: HPHA Project Name: Kahale Mua

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: Maunaloa Road, Mauanaloa, Moloka'i 96770

This project is determined to be categorically excluded according to: [Cite section(s)]: § 58.35(a)

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	**Compliance Documentation**
I. Historic Preservation [36 CFR Part 800]	X				Printed-State and National Registers of Historic Places Field-Site Visit
II. Floodplain Management [24 CFR 55, Executive Order 11988]	X				Printed-Flood Insurance Rate Map Pannel Number 1500030150E Field-Site Visit
III. Wetland Protection [Executive Order 11990]	X				Printed-State of Hawai'i Wetlands GIS data (September 2009) Field-Site Visit

IV. Coastal Zone Management Act [16 USC 1451,Sections 307(c), (d)]	X				Contact – State Office of Planning, DBED&T Experience-Previous correspondence with Office of Planning
V. Safe Drinking Water Act (42 USC 201, 300(f) & 21 U.S.C. 349)	X				Printed-42 USC 201, 300(f) & 21 U.S.C. 349 Field-Site Visit
VI. Sole Source Aquifers [40 CFR Part 149]	X				Printed-MOU between HUD & EPA, Region IX, (4/30/1990)
VII. Endangered Species Act [50 CFR Part 402]				X	Contact-US Fish and Wildlife Service
VIII. Wild and Scenic Rivers Act [16 USC 1271, Sections 7(b), and (c)]	X				Printed-List of Wild and Scenic Rivers from the Fish and Wildlife Service (June 2009)
IX. Clean Air Act [40 CFR Parts 6, 51, 93]	X				Printed-State of Hawai'i, Department of Health Clean Air Branch, Annual Summary, Hawai'i Air Quality Data, 2008 http://epa.gov/airquality/greenbk/
X. Farmland Protection Policy Act [7 CFR Part 658]	X				Printed-State of Hawai'i Land Use GIS data (May 2010) Field-Site Visit
XI. Environmental Justice [Executive Order 12898]	X				Printed EO 12898
HUD ENVIRONMENTAL STANDARDS					
XII. Noise Abatement and Control [24 CFR Part 51B]	X				Field-Site Visit
XIII. Explosive and Flammable Operations [24 CFR Part 51C]	X				Printed-CFR Title 24, Part 51.201 Experience-Prior Environmental Reviews done for this property. Field-Site Visit
XIV. Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]	X				Study-EDR Report Field-Site Visit
XV. Airport Clear Zones and Accident Potential Zones [24 CFR Part 51D]	X				Printed-Molokai Airport Master Plan (1999)

DETERMINATION:

( ) This project converts to Exempt, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per Section 58.70 and 58.71 before drawing down funds; OR

( ) The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE: Scott Ezer DATE: December 10, 2010

PREPARER NAME: Mr. Scott Ezer

RESPONSIBLE ENTITY AGENCY

OFFICIAL SIGNATURE: Neil Abercrombie

NAME, TITLE: Mr. Neil Abercrombie, Governor, State of Hawaii DATE: 5.31.11

KAHALE MUA (HA # 1088)
TMK: (2) 5-1-002:039

Hawai'i Public Housing Authority (HPHA) Environmental Review

SOURCE DOCUMENTATION (SD) STATUTORY WORKSHEET

Site Visit Date: July 1, 2010 Prepared By: Norren Kato

PROJECT DESCRIPTION

The Kahale Mua housing project was constructed in 1991 and is located at Maunaloa Road in the town of Maunaloa on the island of Moloka'i. A location map shows this housing project located along Maunaloa Road.

The Kahale Mua property is identified as Tax Map Key (TMK) No. (2) 5-1-002:039, and consists of 1.774 acres. Approximately 60 percent is situated within the State's "Urban District" with the remaining 40 percent within the State's "Agricultural District" (see Figure 1). This entire housing project is comprised of nine (9) buildings providing a total of 25 housing units. The following figures provide supporting information on this housing project.

Figure 1: Location map and Flood Insurance Rate Map (FIRM) information
Figure 2: TMK Map
Figure 3: Site plan
Figure 4: Portion of Flood Insurance Rate Map, Panel Number 1500030150E

COMPLIANCE FACTORS

I. HISTORIC PRESERVATION (36 CFR PART 800)

CONTACT:

Supporting Documents

X	Field
	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Kahale Mua was constructed in 1991. At the earliest, any qualifying structures at the project site will not reach a 50-year milestone until 2041. As such, the project does not qualify for the State or National Registers of Historic places. The site visit did not identify any non-building sites or unique features that could be distinguished as potential archaeological or historic sites.

SUPPORTING DOCUMENTATION:

Field: A site visit of the housing project property did not identify any sites or features that could be distinguished as historic sites. The property has been urbanized with development of buildings, roadways, sidewalks, and other accessory facilities. The existing buildings are of more recent construction and thus do not meet the 50-year criteria to be eligible for the National Register of Historic Places.

Experience: Research conducted of the State Historic Preservation Division's (SHPD) listing of properties on the National and State Register of Historic Places records did not identify any sites within the project site.

II. FLOODPLAIN MANAGEMENT (EXECUTIVE ORDER 11988, 24 CFR PART 55)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Project site is located in Zone X, and is determined to have minimal flood hazard and outside the 500-year flood area.

SUPPORTING DOCUMENTATION:

Field: A site visit and interview with the maintenance supervisor indicated no flooding or ponding on the premises.

Printed: Flood Insurance Rate Map, Maui County, Hawai'i
Community Panel Number 1500030150E, Revised September 25, 2009 (see Figure 1 and 4)

III. WETLANDS PROTECTION (EXECUTIVE ORDER 11990)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known wetlands within the housing project's property, and therefore, no wetlands will be adversely impacted by the project improvements.

SUPPORTING DOCUMENTATION:

Field: A site visit of the property did not identify any wetlands present.

Printed: Review of State of Hawai'i Geographic Information System (GIS) data for wetlands (updated June 2010).

IV. COASTAL ZONE MANAGEMENT ACT (16 USC 1451, SECTIONS 307 (c), (d))

CONTACT:

Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawai'i 96804

Supporting Documents	
	Field
X	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Projects receiving federal funds from the U.S. Department of Housing and Urban Development (HUD), Public Housing Capitol Fund (OMB Catalog No. 14.872) do not require review for consistency with Hawai'i's CZM program based upon prior determinations from the State Office of Planning.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated June 22, 2010 was submitted to the Director of the Office of Planning determining that repair and rehabilitation improvements that may be implemented using HUD funds did not require CZM federal consistency review. A copy of this letter is enclosed in Exhibit B.

Experience: A previous letter from the State Office of Planning, dated July 20, 2005, as part of similar environmental reviews conducted in 2005 determined that their review for consistency with Hawai'i's CZM program was not required. A copy of this is included with the letter in Exhibit B.

V. SAFE DRINKING WATER ACT (42 USC 201, 300 (f) & 21 USC 349)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

There were no activities observed during the site visit that would degrade the quality of drinking water. In addition, the proposed improvements will not have any impact on drinking water quality.

SUPPORTING DOCUMENTATION:

Field: There were no known or existing activities or structures observed within the housing project during the site visit that could adversely impact ground water resources and subsequent drinking water. A Maui County water system currently provides potable water service to this project and is responsible to provide safe drinking water. The rehabilitation improvements being considered are not expected to adversely impact this water system. Proposed improvements are also not expected to affect groundwater resources that may be used for bottled water (21 USC §349).

Printed: Title 42, Chapter 6A, Subchapter 1, §201; Title 42, Chapter 6A, Subchapter 7, §300(f); Title 21, Chapter 9, Subchapter IV, §349

VI. SOLE SOURCE AQUIFER (40 CFR PART 149)

Supporting Documents
____ Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

The housing project is not located in a designated sole source aquifer listed under the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of April 30, 1990.

SUPPORTING DOCUMENTATION:

Printed: This determination was based upon review of the Sole Source Aquifer Memorandum of 4/30/90 (Sections II.B.1 and II.B.2) and consideration of the type of rehabilitation related improvements that would be conducted for this project.

VII. ENDANGERED SPECIES (50 CFR PART 402)

CONTACT:

Mr. Loyal Mehrhoff, Field Supervisor
Pacific Islands Administrator
U.S. Department of the Interior
Fish and Wildlife Services
Box 50088
Honolulu, Hawai'i 96850
Tel. #: 792-9400

Supporting Documents	
_____	Field
X	Contact
_____	Printed
_____	Experience
_____	Study
_____	

DETERMINATION:

Status Category: Condition, Mitigation

The HPHA determined that the rehabilitation improvements that may be conducted for this housing project would have no adverse affect on any listed species, proposed species, or proposed or designated critical habitat. Based upon consultation with the United States, Fish and Wildlife Service (USFWS), the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel may occur within the general vicinity. The USFWS determined that the project will not adversely affect these species subject to implementation of mitigative measures.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated May 17, 2010 was submitted to the USFWS determining that repair and rehabilitation improvements that may be implemented using HUD funds did not affect any listed or proposed species, or existing or proposed designated critical habitat. The USFWS provided information indicating that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel have been observed in the vicinity of the project area. Based upon USFWS consultation with HPHA, it was agreed that the following measures will be implemented, and USFWS has determined that the rehabilitation improvements conducted at Kahale Mua would not adversely affect these species. Copies of these letters are enclosed in Exhibit B.

Hawaiian Hoary Bat

- HPHA would avoid removing or cutting woody plants greater than 15 feet in height during the bat's birthing and pup rearing season (May 15 through August 15).

Blackburn Sphinx Moth

- Construction areas utilized for renovation or rehabilitation improvements that are not entirely within landscaped, paved, or developed areas will be surveyed by a qualified biologist for the presence of the Blackburn's sphinx moth and its host plants.
- No Blackburn's sphinx moth host plant will be removed or trimmed, and the soil within 33 feet (10 meters) of the host plant will be protected from disturbance, throughout implementation of this project.
- If trimming or removal of host plants is required, consultation with the USFWS will first be conducted.

Newell's Shearwater and Hawaiian Petrel

- New project lights, or existing lights identified for replacement will be shielded so the illumination can be seen only from below following guidelines specified by the State Department of Land and Natural Resources, Division of Forestry and Wildlife

VIII. WILD AND SCENIC RIVERS ACT (16 USC 1271, SECTION 7 (b), (c))

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

There are no Wild and Scenic Rivers in Hawai'i which excludes this project from formal consultation requirements.

SUPPORTING DOCUMENTATION:

Printed: http://www.rivers.gov/wildriverslist.html (Date accessed: 8/3/2010)

IX. CLEAN AIR ACT (40 CFR PARTS 6, 51, 93)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The State of Hawai'i is within a designated attainment area for all federal ambient air quality standards as verified under the U.S. EPA's Green Book for currently designated "nonattainment areas" as of June 2010. Planned rehabilitation improvements are not expected to generate significant pollutants affecting the State's status as an attainment area.

SUPPORTING DOCUMENTATION:

Printed: Department of Health. August 2009. *State of Hawai'i Annual Summary 2008 Air Quality Data*. State of Hawai'i.
Web page: http://epa.gov/airquality/greenbk/. (Date accessed: 8/8/10).

X. FARMLANDS PROTECTION (7 CFR PART 658)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert additional agricultural lands to non-agricultural use. The project is located within the State Land Use Urban and Agricultural District. However, the existing development is located on urbanized property. No farmlands will be impacted by the proposed rehabilitation improvements.

SUPPORTING DOCUMENTATION:

Field: The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert additional agricultural lands to non-agricultural use. The project is located within the State Land Use Urban and agricultural District. The existing development is located on urbanized property and there was no existing agricultural land used for farming during the site inspection. No farmlands will be impacted by the proposed rehabilitation improvements.

Printed: Web page: http://www.state.hi.us/dbedt/gis/miscmaps.htm (Date accessed: 6/22/10). The State Land Use designation is Urban.

XI. ENVIRONMENTAL JUSTICE (EXECUTIVE ORDER NO. 12898)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The rehabilitation improvements would not involve acquisition of additional properties resulting in the displacement of residents nor would it result in the displacement of existing residents at the housing project. Therefore, rehabilitation improvements would not result in disproportionately high or adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Improvements should benefit low-income and minority populations associated with this housing project.

SUPPORTING DOCUMENTATION:

Printed: Executive Order 12898.
Web page: http://www.hud.gov/offices/cpd/environment/review/justice.cfm. (Date accessed: 8/6/10)

HUD ENVIRONMENTAL STANDARDS:

XII. NOISE ABATEMENT CONTROL (24 CFR PART 51B)

Supporting Documents

X	Field
_____	Contact
_____	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The housing project site is situated along Maunaloa Road, that has a low volume of vehicular traffic and may generate noise typical of any other residential neighborhood. Short periods of noise are expected during the morning and early afternoon drop-off and pick-up of children at a nearby school. Given the low volume of traffic, noise volumes are likely to be less than 65 decibels (A-weighted scale, or dBA). Proposed rehabilitation improvements are not expected to result in a significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

SUPPORTING DOCUMENTATION:

Field: There were no significant noise generating sources identified within the project site during the site inspection. Noise sources were predominantly associated with vehicular traffic along adjacent roadways. Roadways along the project area are County roadways used predominantly for circulation of local traffic. The area has speed limits of 25 mph along that section of Maunaloa Road. Short periods of noise are expected during the morning and early afternoon drop-off and pick-up of children at a nearby school. Given the low volume of traffic in the area, noise volumes are likely to be less than 65 decibels (A-weighted scale, or dBA). Proposed rehabilitation improvements are not expected to result in a significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

XIII. EXPLOSIVE AND FLAMMABLE OPERATIONS (24 CFR PART 51C)

Supporting Documents	
X	Field
	Contact
X	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known above-ground explosive or flammable material storage containers in excess of 100 gallons present at the site. Therefore, this project is located at an acceptable separation distance from above-ground explosive or flammable fuels or chemical containers. Furthermore, rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous operations, and thus do not meet the definition of a HUD-assisted project and are not subject to these regulations.

SUPPORTING DOCUMENTATION:

Field: Field inspection was limited to the exterior of residential buildings and associated structures for the renovated portion of this housing project. No above-ground explosive or flammable material storage containers in excess of 100 gallons were observed at the site. Therefore, this renovated project area is located at an acceptable separation distance from above-ground explosive or flammable fuels or chemical containers.

Printed: 24 CFR Part 51, Subpart C. Per CFR Title 24 Part 51.201 (Definitions), rehabilitation and modernization improvements that do not increase the number of people being exposed to hazardous operations are not subject to these regulations, and do not meet the definition of a HUD-assisted project. The rehabilitation improvements for this housing project are not planned to increase

existing residential density, convert a building to habitation, or increase the number of people being exposed to hazardous operations.

Experience: The 2005 environmental review conducted for Kahale Mua identified no existing above-ground storage tank of over 500 gallons on the property. A site inspection was conducted in June, 2010 and similarly confirmed the applicability of the 2005 results that there were no storage tanks present.

XIV. TOXIC CHEMICALS/RADIOACTIVE MATERIALS (24 CFR PART 58, SECTION 5 (i))

Supporting Documents

X	Field
	Contact
	Printed
	Experience
X	Study

DETERMINATION:

Status Category: Not Applicable

There are no known hazardous materials, contamination, toxic chemicals, gasses or radioactive substances which could affect the health or safety of occupants or conflict with the intended use of the property. Rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous materials, contamination, toxic chemicals, gasses, etc.

SUPPORTING DOCUMENTATION:

Field: Site visit and interview with the maintenance supervisor indicate no lead paint or asbestos in units, and no toxic or radioactive materials warranting further concern. There were no known nearby dumps, landfills, industrial sites or other operations with hazardous wastes adjacent to the housing project.

Study: Environmental Data Resources, Inc. (EDR), Inquiry Number 2779851.10s, dated May 27, 2010 conducted a search of available environmental records. EDR reviewed more than 25 federal and state regulatory databases for information regarding the treatment, storage, disposal and release of toxic chemicals at the site and within specific radii (generally 1 mile) of the site. The EDR report in the appendix includes a summary of key findings. The project site is not located within one mile of a NPL (Superfund) site or within a 0.5 mile of a Federal CERCLIS site.

XV. AIRPORT CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (24 CFR PART 51D)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The project is not within an FAA-designated civilian airport Runway Clear Zone (RCZ) or Runway Protection Zone, or within a military airfield Clear Zone (CZ) or Accident Potential Zone (APZ).

SUPPORTING DOCUMENTATION:

Printed: 24 CFR 51 (D).
Molokai Airport Master Plan (May, 1999), State Department of Transportation, Airports Division

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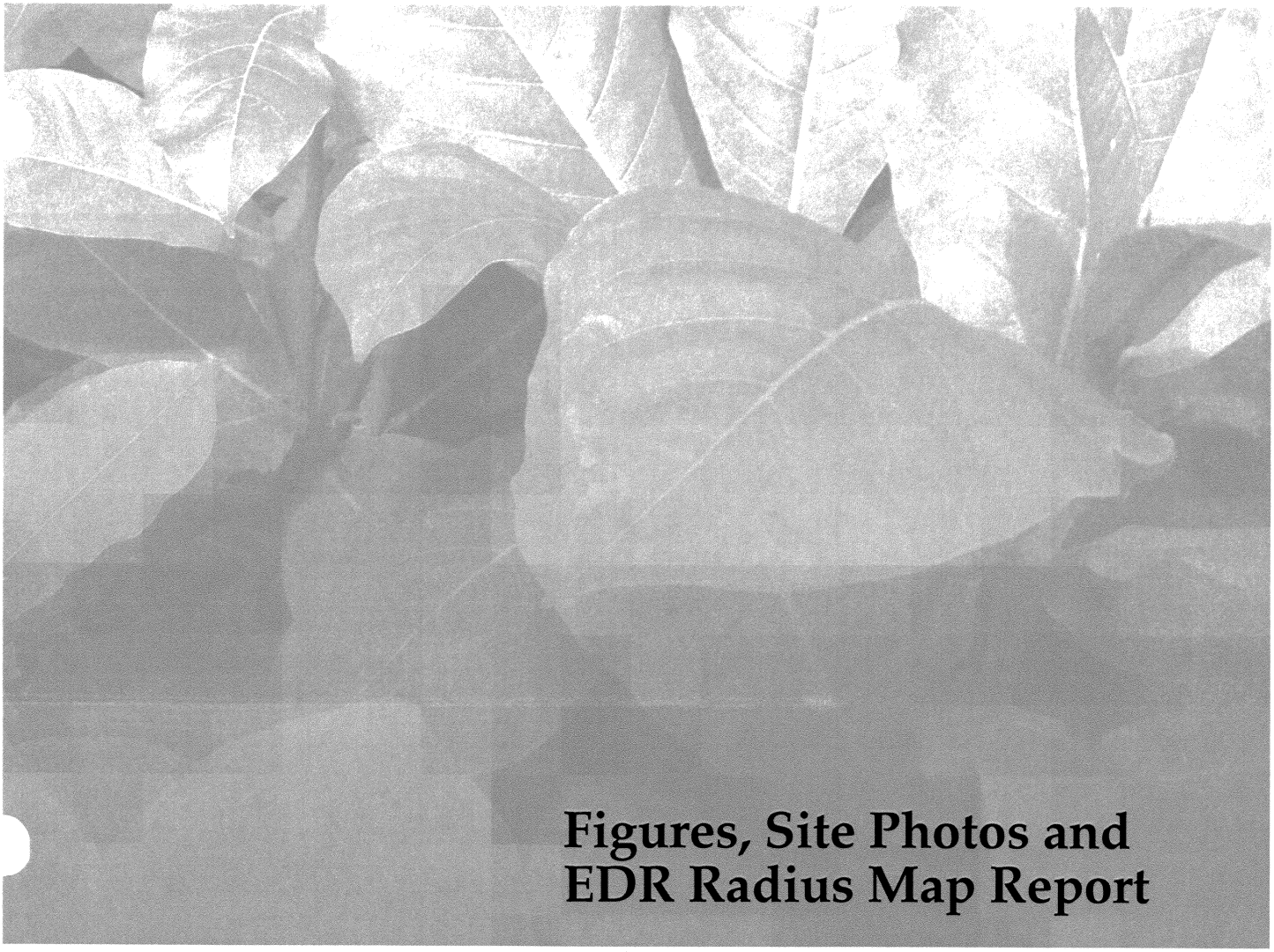


Figures, Site Photos and EDR Radius Map Report

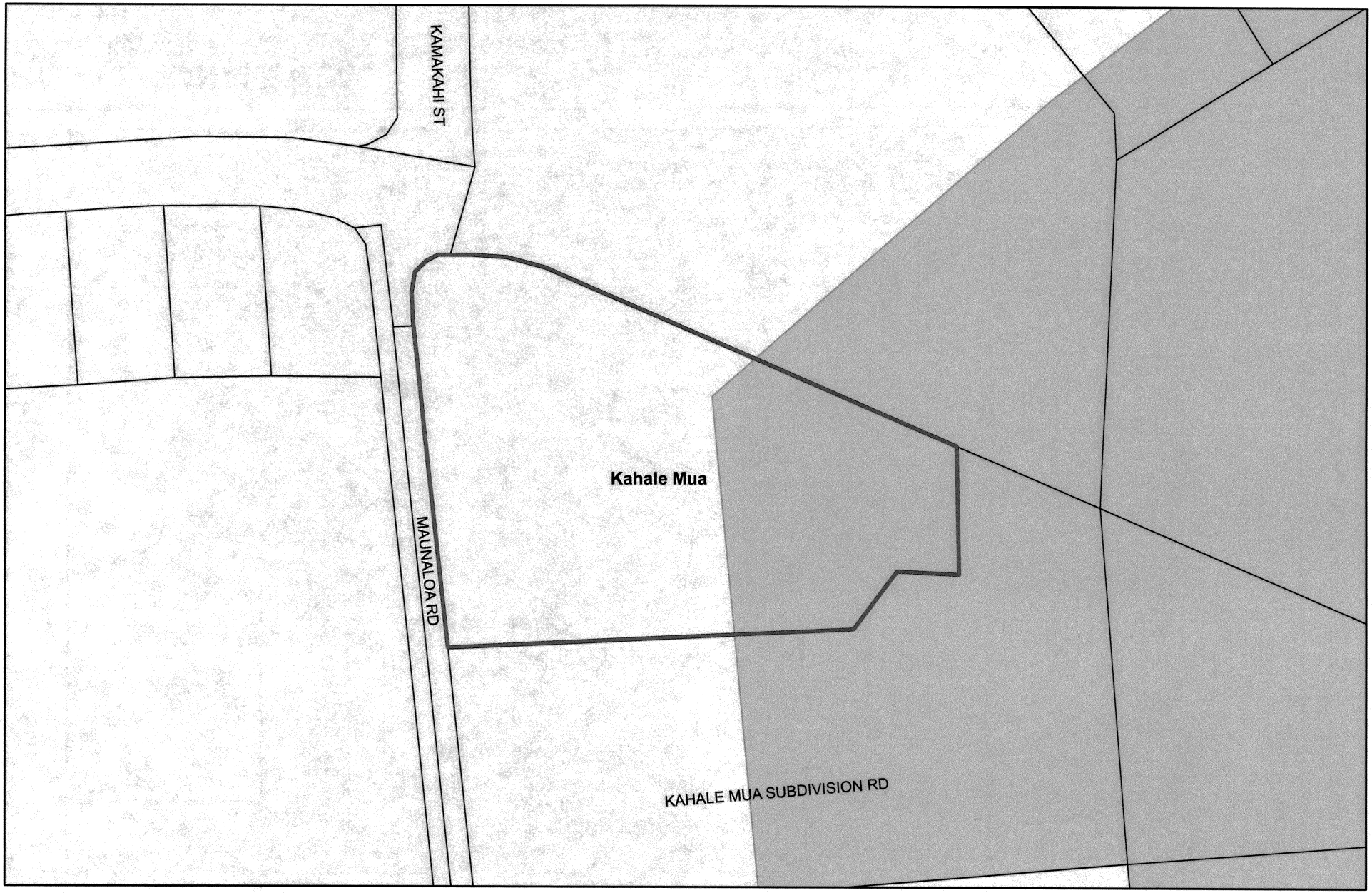


Figure 1: KAHALE MUA
Location Map

STATE LAND USE

State Agricultural District

State Urban District

All areas are determined to be Zone X or D unless otherwise noted.

0 Feet 100

0 Meters 30

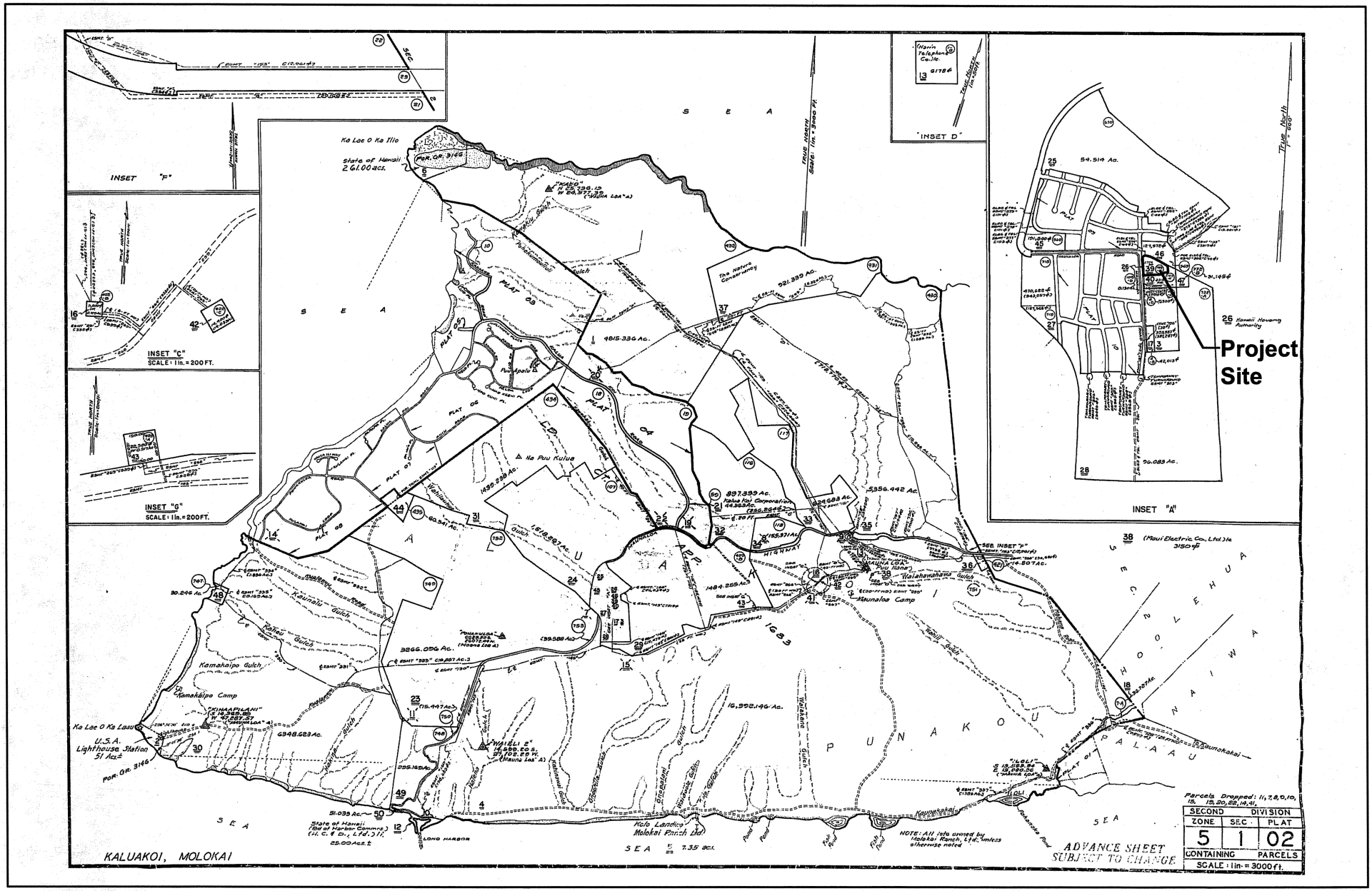


Figure 2: KAHALE MUA

Tax Map Key Map

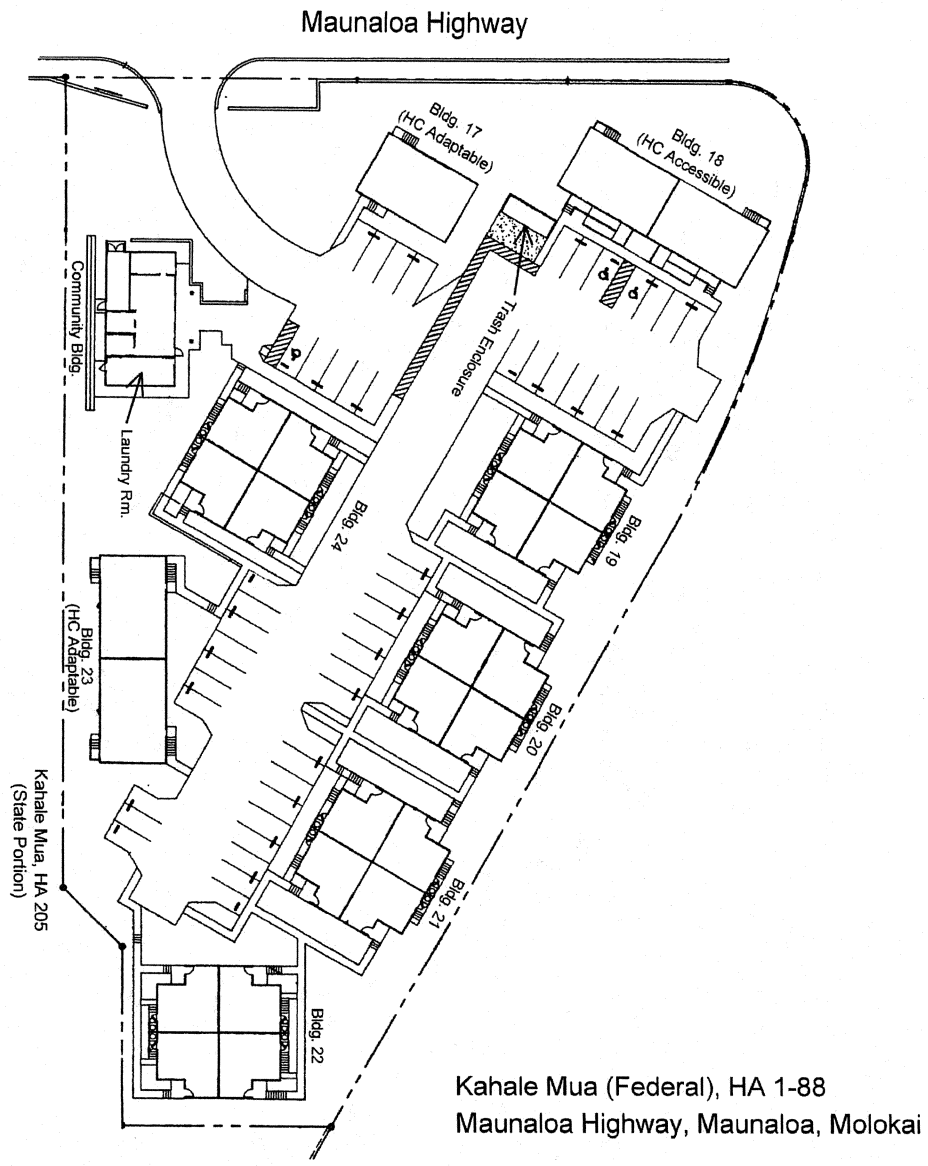


Figure 3: KAHALE MUA
Site Plan

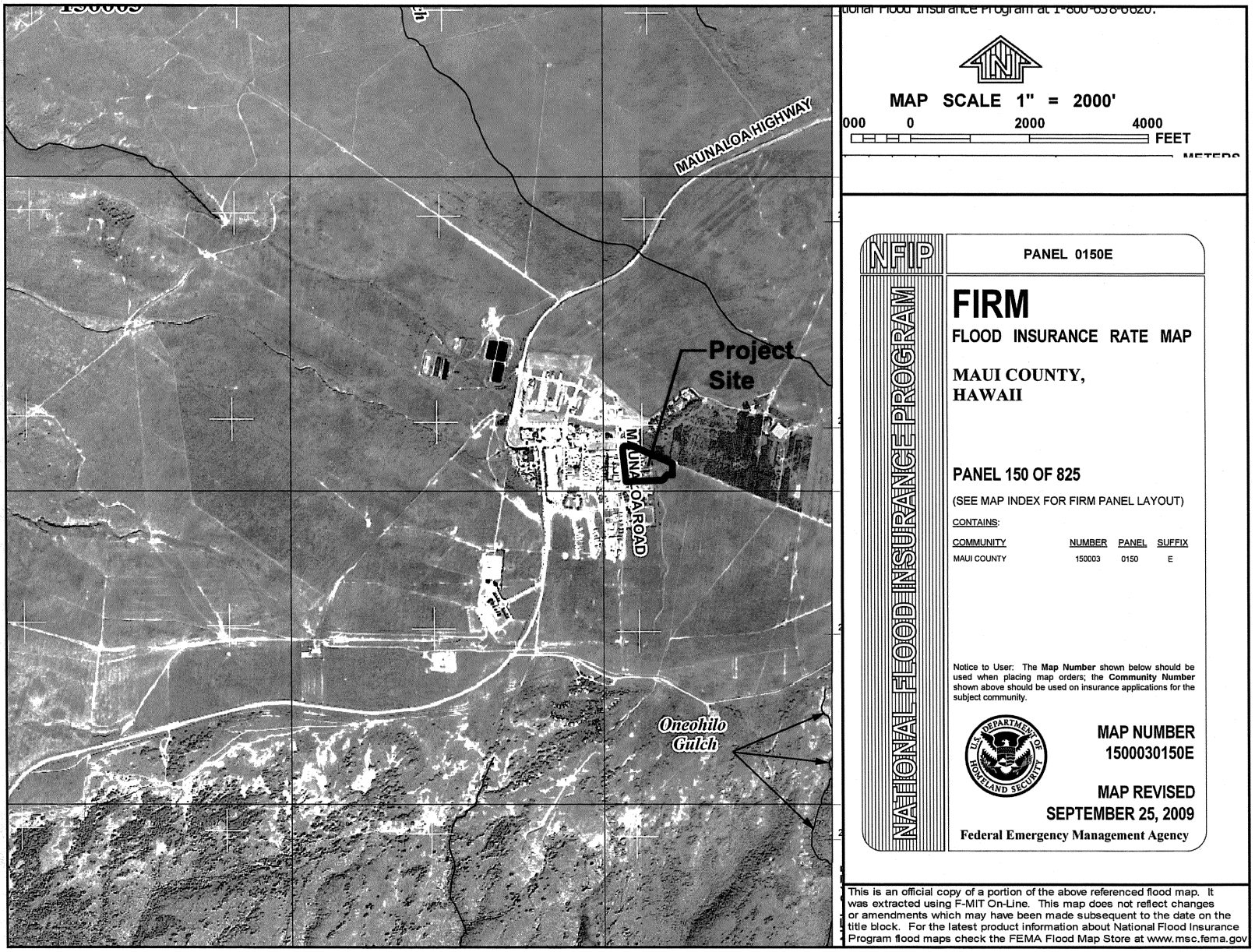


Figure 4: KAHALE MUA
Flood Insurance Rate Map

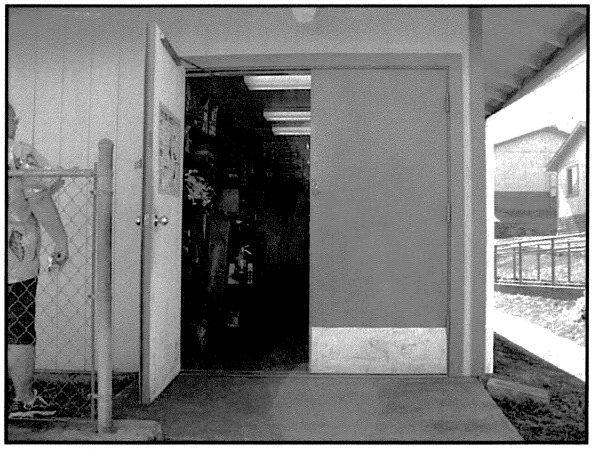
Picture 1: Site Signage

Picture 2: Typical Unit

Picture 3: Frontage along Maunaloa Road

Picture 4: Vacant property north of the project

Picture 5: Drainage feature runs down the south property line



Picture 6: Supply and equipment storage

Kahale Mua
Maunaloa Road
Maunaloa, HI 96770

Inquiry Number: 2779851.10s
May 27, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MAUNALOA ROAD
MAUNALOA, HI 96770

COORDINATES

Latitude (North):	21.132500 - 21° 7' 57.0"
Longitude (West):	157.209440 - 157° 12' 34.0"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	685951.5
UTM Y (Meters):	2337721.8
Elevation:	1091 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	21157-B2 ILIO POINT OE N, HI
Most Recent Revision:	Not reported
Southwest Map:	21157-A2 ILIO POINT, HI
Most Recent Revision:	Not reported

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL---------- National Priority List
Proposed NPL---------- Proposed National Priority List Sites
NPL LIENS---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Sites List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills in the State of Hawaii

State and tribal leaking storage tank lists

LUST..... Leaking Underground Storage Tank Database
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank Database
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites

INST CONTROL---------- Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP---------- Voluntary Cleanup Priority Listing
VCP---------- Voluntary Response Program Sites

State and tribal Brownfields sites

BROWNFIELDS---------- Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI---------- Open Dump Inventory
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL---------- Clandestine Drug Labs
US HIST CDL---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2---------- CERCLA Lien Information
LUCIS---------- Land Use Control Information System

Records of Emergency Release Reports

HMIRS---------- Hazardous Materials Information Reporting System
SPILLS---------- Release Notifications

Other Ascertainable Records

RCRA-NonGen---------- RCRA - Non Generators
DOT OPS---------- Incident and Accident Data
DOD---------- Department of Defense Sites
FUDS---------- Formerly Used Defense Sites
CONSENT---------- Superfund (CERCLA) Consent Decrees
ROD---------- Records Of Decision
UMTRA---------- Uranium Mill Tailings Sites
MINES---------- Mines Master Index File
TRIS---------- Toxic Chemical Release Inventory System
TSCA---------- Toxic Substances Control Act
FTTS---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS---------- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS---------- Section 7 Tracking Systems

ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Listing
DRYCLEANERS..... Permitted Drycleaner Facility Listing
AIRS..... List of Permitted Facilities
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
COAL ASH DOE..... Sleam-Electric Plan Operation Data
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

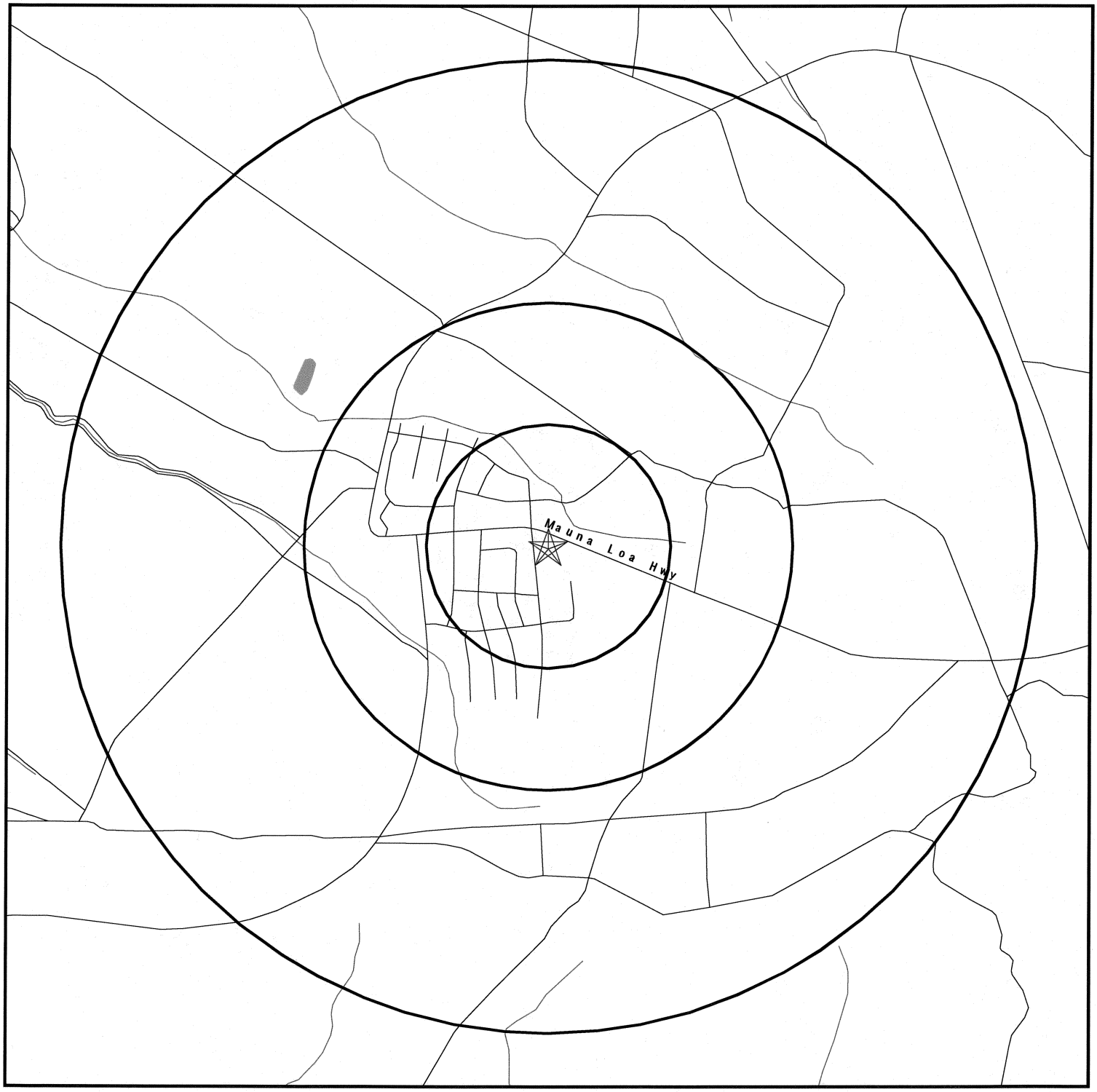
Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
MAUNALOA SERVICE	LUST, UST
MAUNALOA CENTRAL OFFICE	UST

OVERVIEW MAP - 2779851.10s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

N

SITE NAME: Kahale Mua	CLIENT: Helber , Hastert, and Fee Planners
ADDRESS: Maunaloa Road	CONTACT: Ronald A. Sato
Maunaloa HI 96770	INQUIRY #: 2779851.10s
LAT/LONG: 21.1325 / 157.2094	DATE: May 27, 2010 12:19 pm

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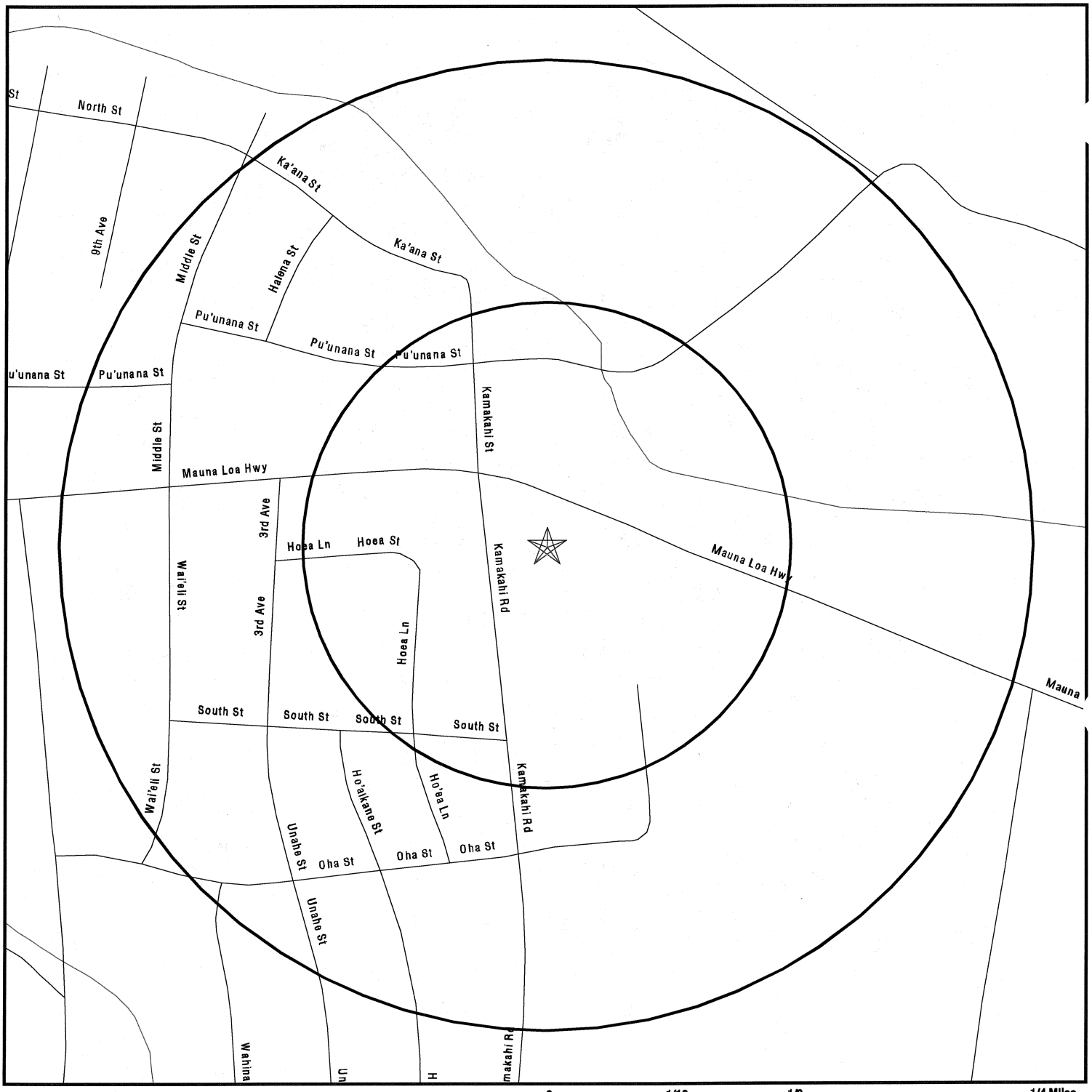
DETAIL MAP - 2779851.10s



0 1/16 1/8 1/4 Miles

- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

SITE NAME: Kahale Mua ADDRESS: Maunaloa Road Maunaloa HI 96770 LAT/LONG: 21.1325 / 157.2094	CLIENT: Helber , Hastert, and Fee Planners CONTACT: Ronald A. Sato INQUIRY #: 2779851.10s DATE: May 27, 2010 12:19 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MAUNALOA	U001236588	MAUNALOA CENTRAL OFFICE	MAUNALOA HWY	96770	UST
MAUNALOA	U001236595	MAUNALOA SERVICE	523 MAUNALOA PREVIOUS ADDRESS	96770	LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/30/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites List

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills in the State of Hawaii

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2010
Date Data Arrived at EDR: 04/08/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 41

Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 33

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites
A listing of sites with engineering controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 404-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites
Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites
With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/23/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 28

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing
A listing of permitted drycleaner facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

AIRS: List of Permitted Facilities
A listing of permitted facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/14/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

KAHALE MUA
MAUNALOA ROAD
MAUNALOA, HI 96770

TARGET PROPERTY COORDINATES

Latitude (North):	21.13250 - 21° 7' 57.0"
Longitude (West):	157.20944 - 157° 12' 34.0"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	685951.5
UTM Y (Meters):	2337721.8
Elevation:	1091 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	21157-B2 ILIO POINT OE N, HI
Most Recent Revision:	Not reported
Southwest Map:	21157-A2 ILIO POINT, HI
Most Recent Revision:	Not reported

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

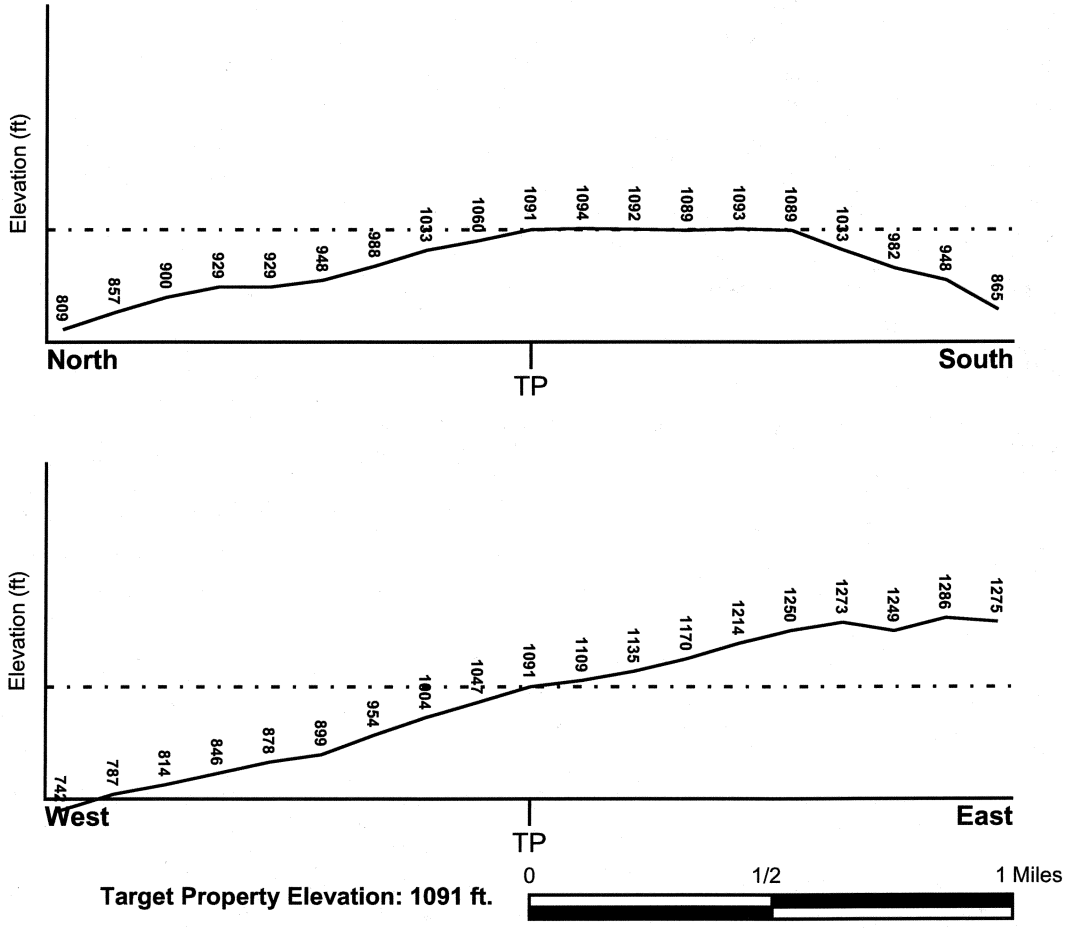
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
MAUI, HI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 1500030025B - FEMA Q3 Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

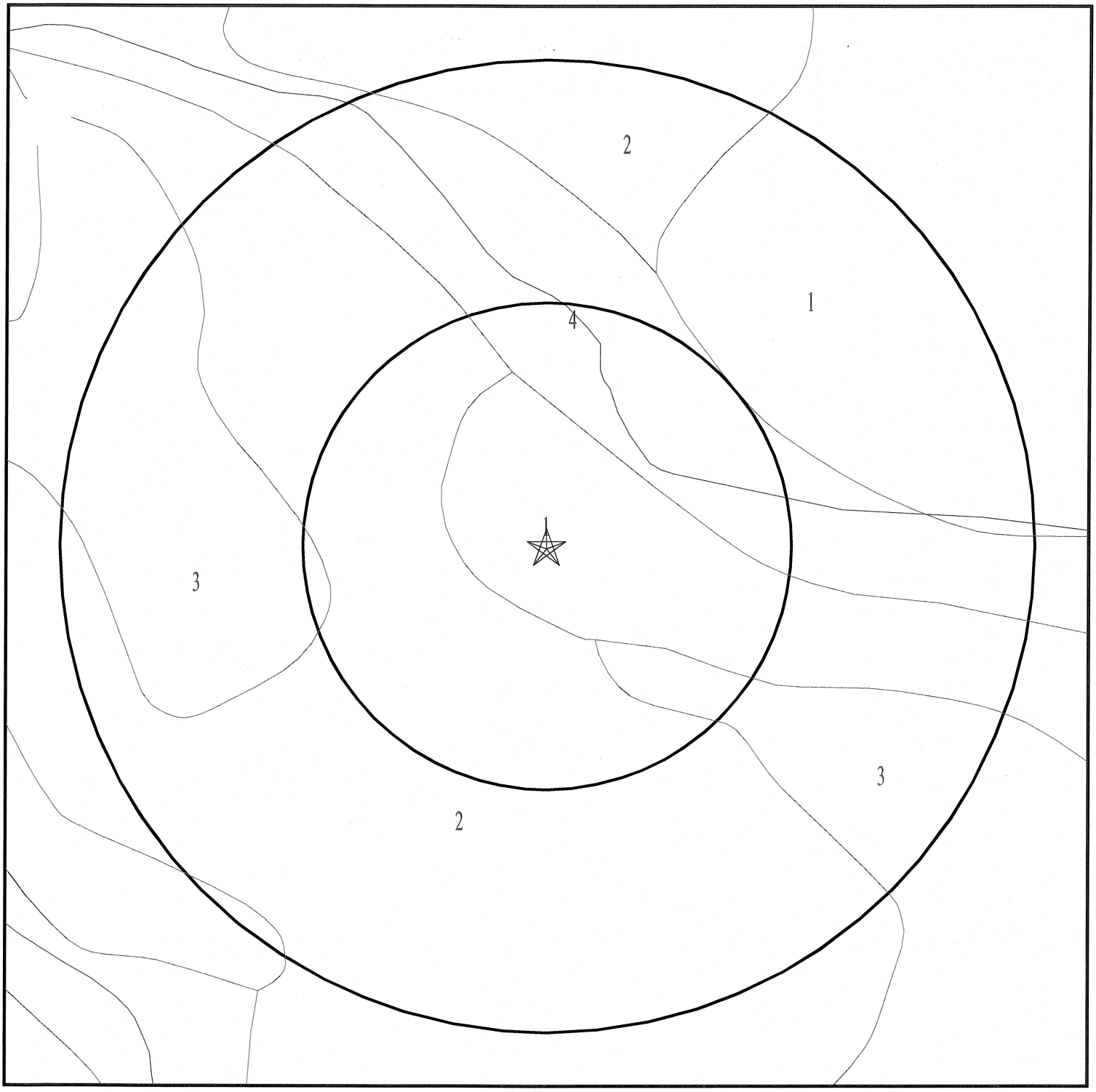
Era: -
System: -
Series: -
Code: N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2779851.10s



★ Target Property

SSURGO Soil

Water

0 1/16 1/8 1/4 Miles

SITE NAME:	Kahale Mua	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	Maunaloa Road Maunaloa HI 96770	CONTACT:	Ronald A. Sato
LAT/LONG:	21.1325 / 157.2094	INQUIRY #:	2779851.10s
		DATE:	May 27, 2010 12:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Lahaina

Soil Surface Texture: silty clay

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6
2	5 inches	27 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6
3	27 inches	59 inches	stony silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6

Soil Map ID: 2

Soil Component Name: Lahaina

Soil Surface Texture: silty clay

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6
2	14 inches	31 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6
3	31 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6

Soil Map ID: 3

Soil Component Name: Lahaina

Soil Surface Texture: silty clay

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6
2	14 inches	31 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6
3	31 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 1.41	Max: 7.3 Min: 5.6

Soil Map ID: 4

Soil Component Name: Hoolehua

Soil Surface Texture: silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 1.41 Min: 0.42	Max: 7.3 Min: 6.1
2	9 inches	14 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 1.41 Min: 0.42	Max: 7.3 Min: 6.1
3	14 inches	20 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 1.41 Min: 0.42	Max: 7.3 Min: 6.1
4	20 inches	26 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 1.41 Min: 0.42	Max: 7.3 Min: 6.1
5	26 inches	48 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 1.41 Min: 0.42	Max: 7.3 Min: 6.1
6	48 inches	62 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 1.41 Min: 0.42	Max: 7.3 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

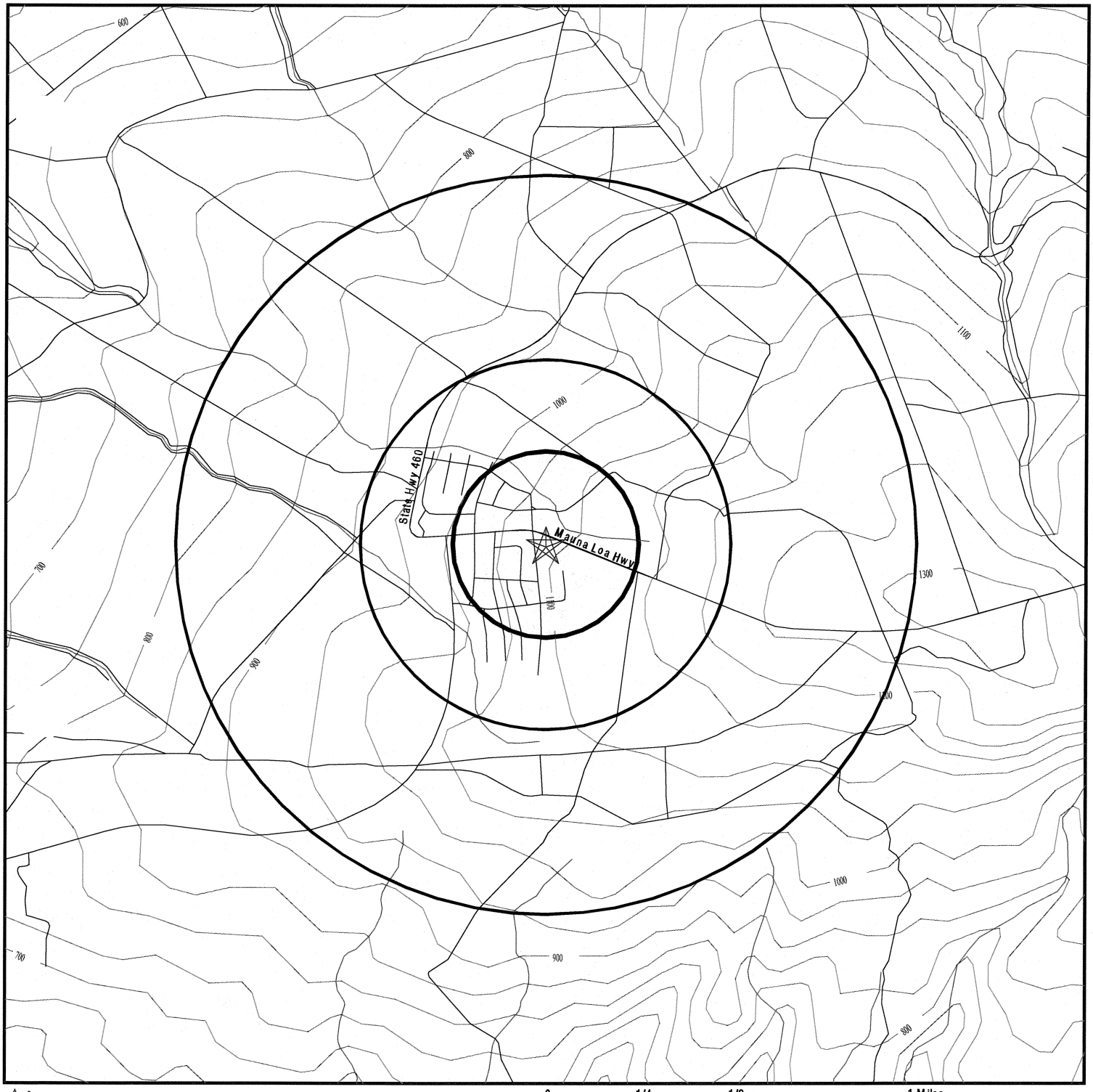
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2779851.10s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

N

SITE NAME: Kahale Mua	CLIENT: Helber , Hastert, and Fee Planners
ADDRESS: Maunaloa Road	CONTACT: Ronald A. Sato
Maunaloa HI 96770	INQUIRY #: 2779851.10s
LAT/LONG: 21.1325 / 157.2094	DATE: May 27, 2010 12:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database
Source: Department of Land and Natural Resources
Telephone: 808-587-0214
CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Kahekili Terrace
HA 1017

Kahekili Terrace
HA 1017

Certification of Categorical Exclusion (subject to 58.5)

Determination of activities listed at 24 CFR 58.35(a)
May be subject to provisions of Sec 58.6, as applicable

Grant Recipient: HPHA Project Name: Kahekili Terrace
Project Description (Include all actions which are either geographically or functionally related):

Improvements may involve the following:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: Holowai Place and Piihana Road, Wailuku, Maui 96793
Funding Source: CDBG HOME ESG HOPWA EDI (Capital Fund) Operating Subsidy Hope VI (Other)
Funding Amount: _____ Grant Number: _____

I hereby certify that the abovementioned project has been reviewed and determined to be a Categorically Excluded activity (subject to 58.5) per 24 CFR 58.35(a) as follows:

	1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets);
	2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
	3. Rehabilitation of buildings and improvements when the following conditions are met: i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland; ii. In the case of multifamily residential buildings: (A) Unit density is not changed more than 20 percent; (B) The project does not involve changes in land use from residential to non-residential; and (C) The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation. iii. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.
	4. (i) An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between; or (ii) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site. (iii) Paragraphs (a)(4)(i) and (ii) of this section do not apply to rehabilitation of a building for residential use (with one to four units) (see paragraph (a)(3)(i) of this section).

	5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.
X	6. Combinations of the above activities.

The responsible entity must also complete and attach a **Statutory Checklist**. By signing below the Responsible Entity certifies in writing that each activity or project is Categorically Excluded (subject to 58.5) and meets the conditions specified for such exemption under section 24 CFR 58.35(a). Please keep a copy of this determination in your project files.

Mr. Neil Abercrombie
Responsible Entity Certifying Official Name

Neil Abercrombie
Responsible Entity Certifying Official Signature

Governor, State of Hawaii
Title (please print)

5.31.11
Date

Compliance Documentation Checklist
24 CFR 58.6

Project Name: Kahekili Terrace

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: Holowai Place and Piihana Road, Wailuku, Maui 96793

Level of Environmental Review Determination: Categorically Excluded subject to statutes per § 58.35(a)
(Select One: Exempt per 24 CFR 58.34, or Categorically Excluded not subject to statutes per § 58.35(b), or Categorically Excluded subject to statutes per § 58.35(a), or Environmental Assessment per § 58.36, or EIS per 40 CFR 1500)

STATUTES and REGULATIONS listed at 24 CFR 58.6

FLOOD DISASTER PROTECTION ACT

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard?

(X) No; Cite Source Document: Flood Insurance Rate Map Panel 1500030391E
( ) Yes; Source Document: _____

2. Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

(X) Yes (Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration must be kept on file).
( ) No **(Federal assistance may not be used in the Special Flood Hazards Area).**

COASTAL BARRIERS RESOURCES ACT

1. Is the project located in a coastal barrier resource area?

(X) No; Hawai'i has no coastal barriers (http://www.fws.gov/habitatconservation/coastal_barrier.html).
( ) Yes **(Federal assistance may not be used in such an area).**

AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES DISCLOSURES

1. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

(X) No; Source Documentation: Kahului Airport Master Plan (1993)

Project complies with 24 CFR 51.303(a)(3).

( ) Yes; **Disclosure statement must be provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

STATUTORY CHECKLIST

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS

Grant Recipient: HPHA Project Name: Kahekili Terrace

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: Holowai Place and Piihana Road, Wailuku, Maui 96793

This project is determined to be categorically excluded according to: [Cite section(s)]: § 58.35(a)

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	**Compliance Documentation**
I. Historic Preservation [36 CFR Part 800]	X				Printed-State and National Registers of Historic Places Field-Site Visit
II. Floodplain Management [24 CFR 55, Executive Order 11988]	X				Printed-Flood Insurance Rate Map Pannel Number 1500030391E Field-Site Visit
III. Wetland Protection [Executive Order 11990]	X				Printed-State of Hawai'i Wetlands GIS data (September 2009) Field-Site Visit

IV. Coastal Zone Management Act [16 USC 1451,Sections 307(c), (d)]	X				Contact – State Office of Planning, DBED&T Experience-Previous correspondence with Office of Planning
V. Safe Drinking Water Act (42 USC 201, 300(f) & 21 U.S.C. 349)	X				Printed-42 USC 201, 300(f) & 21 U.S.C. 349 Field-Site Visit
VI. Sole Source Aquifers [40 CFR Part 149]	X				Printed-MOU between HUD & EPA, Region IX, (4/30/1990)
VII. Endangered Species Act [50 CFR Part 402]	X				Contact-US Fish and Wildlife Service
VIII. Wild and Scenic Rivers Act [16 USC 1271, Sections 7(b), and (c)]	X				Printed-List of Wild and Scenic Rivers from the Fish and Wildlife Service (June 2009)
IX. Clean Air Act [40 CFR Parts 6, 51, 93]	X				Printed-State of Hawai'i, Department of Health Clean Air Branch, Annual Summary, Hawai'i Air Quality Data, 2008 http://epa.gov/airquality/greenbk/
X. Farmland Protection Policy Act [7 CFR Part 658]	X				Printed-State of Hawai'i Land Use GIS data (May 2010) Field-Site Visit
XI. Environmental Justice [Executive Order 12898]	X				Printed EO 12898
HUD ENVIRONMENTAL STANDARDS					
XII. Noise Abatement and Control [24 CFR Part 51B]	X				Field-Site Visit
XIII. Explosive and Flammable Operations [24 CFR Part 51C]	X				Printed-CFR Title 24, Part 51.201 Experience-Prior Environmental Reviews done for this property. Field-Site Visit
XIV. Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]				X	Study-EDR Report Field-Site Visit
XV. Airport Clear Zones and Accident Potential Zones [24 CFR Part 51D]	X				Printed-Kahului Airport Master Plan (1993)

DETERMINATION:

( ) This project converts to Exempt, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per Section 58.70 and 58.71 before drawing down funds; OR

( ) The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE: Scott Ezer DATE: December 10, 2010

PREPARER NAME: Mr. Scott Ezer

RESPONSIBLE ENTITY AGENCY

OFFICIAL SIGNATURE: Neil Abercrombie

NAME, TITLE: Mr. Neil Abercrombie, Governor, State of Hawaii DATE: 5.31.11

KAHEKILI TERRACE (HA # 1017)
TMK: (2) 3-4-017:146; 3-4-033:023

Hawai'i Public Housing Authority (HPHA) Environmental Review

SOURCE DOCUMENTATION (SD) STATUTORY WORKSHEET

Site Visit Date: June 29, 2010 Prepared By: Norren Kato

PROJECT DESCRIPTION

The Kahekili Terrace housing project is locate at two separate sites and was built at the same time. The project was constructed in 1966 and is located at 2015 Holowai Place and Piihana Road in the town of Wailuku on the island of Maui. A location map shows the housing project locations.

The Kahekili Terrace properties are identified as Tax Map Keys (TMK) No. (2) 3-4-017:146 and (2) 3-4-033:023, and consist of a total of 5.446 acres. The properties are situated within the State's "Urban District." Both housing projects comprised a total of 15 buildings with a total of 82 housing units. The following figures provide supporting information on this housing project.

Figure 1: Location map and Flood Insurance Rate Map (FIRM) information
Figure 2: TMK Map
Figure 3: Site plan
Figure 4: Portion of Flood Insurance Rate Map, Panel Number 1500030391E

COMPLIANCE FACTORS

I. HISTORIC PRESERVATION (36 CFR PART 800)

CONTACT:

Supporting Documents
X Field
____ Contact
____ Printed
X Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

Kahekili Terrace was constructed in 1966. At the earliest, any qualifying structures at the project site will not reach a 50-year milestone until 2016. As such, the project does not qualify for the State or National Registers of Historic Places. The site visit did not identify any non-building sites or unique features that could be distinguished as potential archaeological or historic sites.

SUPPORTING DOCUMENTATION:

Field: A site visit of the housing project property did not identify any sites or features that could be distinguished as historic sites. The property has been highly urbanized with development of buildings, roadways, sidewalks, and other accessory facilities. The existing buildings are of more recent construction and thus do not meet the 50-year criteria to be eligible for the National Register of Historic Places.

Experience: Research conducted of the State Historic Preservation Division's (SHPD) listing of properties on the National and State Register of Historic Places records did not identify any sites within the project site.

II. FLOODPLAIN MANAGEMENT (EXECUTIVE ORDER 11988, 24 CFR PART 55)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

Project site is located in Zone X, and is determined to have minimal flood hazard and outside the 500-year flood area.

SUPPORTING DOCUMENTATION:

Field: A site visit and interview with the maintenance supervisor indicated no flooding or ponding on the premises.

Printed: Flood Insurance Rate Map, Maui County, Hawai'i
Community Panel Number 1500030391E, Revised September 25, 2009 (see Figure 1 and 4)

III. WETLANDS PROTECTION (EXECUTIVE ORDER 11990)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

There are no known wetlands within the housing project's property, and therefore, no wetlands will be adversely impacted by the project improvements.

SUPPORTING DOCUMENTATION:

Field: A site visit of the property did not identify any wetlands present.

Printed: Review of State of Hawai'i Geographic Information System (GIS) data for wetlands (updated June 2010).

IV. COASTAL ZONE MANAGEMENT ACT (16 USC 1451, SECTIONS 307 (c), (d))

CONTACT:

Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawai'i 96804

Supporting Documents	
	Field
X	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Projects receiving federal funds from the U.S. Department of Housing and Urban Development (HUD), Public Housing Capitol Fund (OMB Catalog No. 14.872) do not require review for consistency with Hawai'i's CZM program based upon prior determinations from the State Office of Planning.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated June 22, 2010 was submitted to the Director of the Office of Planning determining that repair and rehabilitation improvements that may be implemented using HUD funds did not require CZM federal consistency review. A copy of this letter is enclosed in Exhibit B.

Experience: A previous letter from the State Office of Planning, dated July 20, 2005, as part of similar environmental reviews conducted in 2005 determined that their review for consistency with Hawai'i's CZM program was not required. A copy of this is included with the letter in Exhibit B.

V. SAFE DRINKING WATER ACT (42 USC 201, 300 (f) & 21 USC 349)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

There were no activities observed during the site visit that would degrade the quality of drinking water. In addition, the proposed improvements will not have any impact on drinking water quality.

SUPPORTING DOCUMENTATION:

Field: There were no known or existing activities or structures observed within the housing project during the site visit that could adversely impact ground water resources and subsequent drinking water. A Maui County water system currently provides potable water service to this project and is responsible to provide safe drinking water. The rehabilitation improvements being considered are not expected to adversely impact this water system. Proposed improvements are also not expected to affect groundwater resources that may be used for bottled water (21 USC §349).

Printed: Title 42, Chapter 6A, Subchapter 1, §201; Title 42, Chapter 6A, Subchapter 7, §300(f); Title 21, Chapter 9, Subchapter IV, §349

VI. SOLE SOURCE AQUIFER (40 CFR PART 149)

Supporting Documents
____ Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

The housing project is not located in a designated sole source aquifer listed under the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of April 30, 1990.

SUPPORTING DOCUMENTATION:

Printed: This determination was based upon review of the Sole Source Aquifer Memorandum of 4/30/90 (Sections II.B.1 and II.B.2) and consideration of the type of rehabilitation related improvements that would be conducted for this project.

VII. ENDANGERED SPECIES (50 CFR PART 402)

CONTACT:
Mr. Loyal Mehrhoff, Field Supervisor
Pacific Islands Administrator
U.S. Department of the Interior
Fish and Wildlife Services
Box 50088
Honolulu, Hawai'i 96850
Tel. #: 792-9400

Supporting Documents

_____	Field
X	Contact
_____	Printed
_____	Experience
_____	Study
_____	

DETERMINATION:

Status Category: Not Applicable

The HPHA determined that the rehabilitation improvements that may be conducted for this housing project would have no adverse affect on any listed species, proposed species, or proposed or designated critical habitat. The USFWS determined that the project will not adversely affect such species.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated May 17, 2010 was submitted to the USFWS determining that repair and rehabilitation improvements that may be implemented using HUD funds did not affect any listed or proposed species, or existing or proposed designated critical habitat. After further consultation with the USFWS, a subsequent HPHA letter dated July 13, 2010 to the USFWS confirmed that no listed species, proposed species, or proposed or designated critical habitat would be affected by this project.

VIII. WILD AND SCENIC RIVERS ACT (16 USC 1271, SECTION 7 (b), (c))

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

There are no Wild and Scenic Rivers in Hawai'i which excludes this project from formal consultation requirements.

SUPPORTING DOCUMENTATION:

Printed: http://www.rivers.gov/wildriverslist.html (Date accessed: 8/3/2010)

IX. CLEAN AIR ACT (40 CFR PARTS 6, 51, 93)

Supporting Documents
_____ Field
_____ Contact
_X_ Printed
_____ Experience
_____ Study

DETERMINATION:

Status Category: Not Applicable

The State of Hawai'i is within a designated attainment area for all federal ambient air quality standards as verified under the U.S. EPA's Green Book for currently designated "nonattainment areas" as of June 2010. Planned rehabilitation improvements are not expected to generate significant pollutants affecting the State's status as an attainment area.

SUPPORTING DOCUMENTATION:

Printed: Department of Health. August 2009. *State of Hawai'i Annual Summary 2008 Air Quality Data*. State of Hawai'i.
Web page: http://epa.gov/airquality/greenbk/. (Date accessed: 8/8/10).

X. FARMLANDS PROTECTION (7 CFR PART 658)

Supporting Documents
_X_ Field
_____ Contact
_X_ Printed
_____ Experience
_____ Study

DETERMINATION:

Status Category: Not Applicable

The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property. No farmlands will be impacted by the proposed rehabilitation improvements.

SUPPORTING DOCUMENTATION:

Field: The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property and there was no existing agricultural land used for farming during the site inspection. No farmlands will be impacted by the proposed rehabilitation improvements.

Printed: Web page: http://www.state.hi.us/dbedt/gis/miscmaps.htm (Date accessed: 6/22/10). The State Land Use designation is Urban.

XI. ENVIRONMENTAL JUSTICE (EXECUTIVE ORDER NO. 12898)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The rehabilitation improvements would not involve acquisition of additional properties resulting in the displacement of residents nor would it result in the displacement of existing residents at the housing project. Therefore, rehabilitation improvements would not result in disproportionately high or adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Improvements should benefit low-income and minority populations associated with this housing project.

SUPPORTING DOCUMENTATION:

Printed: Executive Order 12898.
Web page: http://www.hud.gov/offices/cpd/environment/review/justice.cfm. (Date accessed: 8/6/10)

HUD ENVIRONMENTAL STANDARDS:

XII. NOISE ABATEMENT CONTROL (24 CFR PART 51B)

Supporting Documents
- X Field
- ___ Contact
- ___ Printed
- ___ Experience
- ___ Study

DETERMINATION:

Status Category: Not Applicable

The housing project is located at the corners of Holowai Place and North Market Street and Piihana Road and North Market Street. Each of these County roadways has a speed limit of 25 mph. Although all of the roads are local streets, North Market Street serves as a collector street and has greater traffic volumes than Piihana road or Holowai Place. Noise volumes generated by traffic along these roadways are not expected to exceed 65 dBA due to the low volumes and lower travel speed. Proposed rehabilitation improvements are not expected to result in a significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

SUPPORTING DOCUMENTATION:

Field: There were no significant noise generating sources identified within the project site during the site inspection. Noise sources were predominantly associated with vehicular traffic along adjacent roadways. Roadways along the project site are County roadways used predominantly for circulation of local traffic. The speed limit is 25 mph along Holowai Place, Piihana Road and North Market Street. Traffic noise levels at this site should not exceed 65 dBA and appear to be within HUD noise standards due to the low volumes of traffic and lower travel speed. Rehabilitation improvements are also not expected to significantly change existing traffic conditions at this housing site and along adjacent roadways which would increase noise levels above 65 dBA.

XIII. EXPLOSIVE AND FLAMMABLE OPERATIONS (24 CFR PART 51C)

Supporting Documents
- X Field
- ___ Contact
- X Printed
- X Experience
- ___ Study

DETERMINATION:

Status Category: Not Applicable

There are known above-ground explosive or flammable material storage containers in excess of 100 gallons present at the site. However, rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous operations, and thus do not meet the definition of a HUD-assisted project and are not subject to these regulations.

SUPPORTING DOCUMENTATION:

Field: Field inspection was limited to the exterior of residential buildings and associated structures for the renovated portion of this housing project. An above-ground explosive or flammable material storage containers in excess of 100 gallons was observed at each site.

Printed: 24 CFR Part 51, Subpart C. Per CFR Title 24 Part 51.201 (Definitions), rehabilitation and modernization improvements that do not increase the number of people being exposed to hazardous operations are not subject to these regulations, and do not meet the definition of a HUD-assisted project. The rehabilitation improvements for this housing project are not planned to increase existing residential density, convert a building to habitation, or increase the number of people being exposed to hazardous operations.

Experience: The 2005 environmental review conducted for Kahekili Terrace identified no existing above-ground storage tank of over 500 gallons on the property. A site inspection was conducted in June, 2010 and similarly confirmed the applicability of the 2005 results that there were no storage tanks present.

XIV. TOXIC CHEMICALS/RADIOACTIVE MATERIALS (24 CFR PART 58, SECTION 5 (i))

Supporting Documents

X	Field
	Contact
	Printed
	Experience
X	Study

DETERMINATION:

Status Category: Condition/Mitigation

The site visit and interview with the maintenance supervisor revealed that lead may be within the paint used to paint the units. As long as the paint remains undisturbed, there is minimal risk to the residents from the lead. During project construction activities, the potential hazard will be managed in accordance with relevant federal and state regulations to protect workers and residents from unacceptable levels of exposure.

SUPPORTING DOCUMENTATION:

Field: Site visit and interview with the maintenance supervisor indicated that lead may be within the paint. No asbestos containing materials or other toxic or radioactive materials warranting further concern was identified on site. There were no known nearby dumps, landfills, industrial sites or other operations with hazardous wastes adjacent to the housing project.

Study: Environmental Data Resources, Inc. (EDR), Inquiry Number 2779851.7s, dated May 27, 2010 conducted a search of available environmental records. EDR reviewed more than 25 federal and state regulatory databases for information regarding the treatment, storage, disposal and release of toxic chemicals at the site and within specific radii (generally 1 mile) of the site. The EDR report in the appendix includes a summary of key findings. The project site is not located within one mile of a NPL (Superfund) site or within a 0.5 mile of a Federal CERCLIS site.

XV. AIRPORT CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (24 CFR PART 51D)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

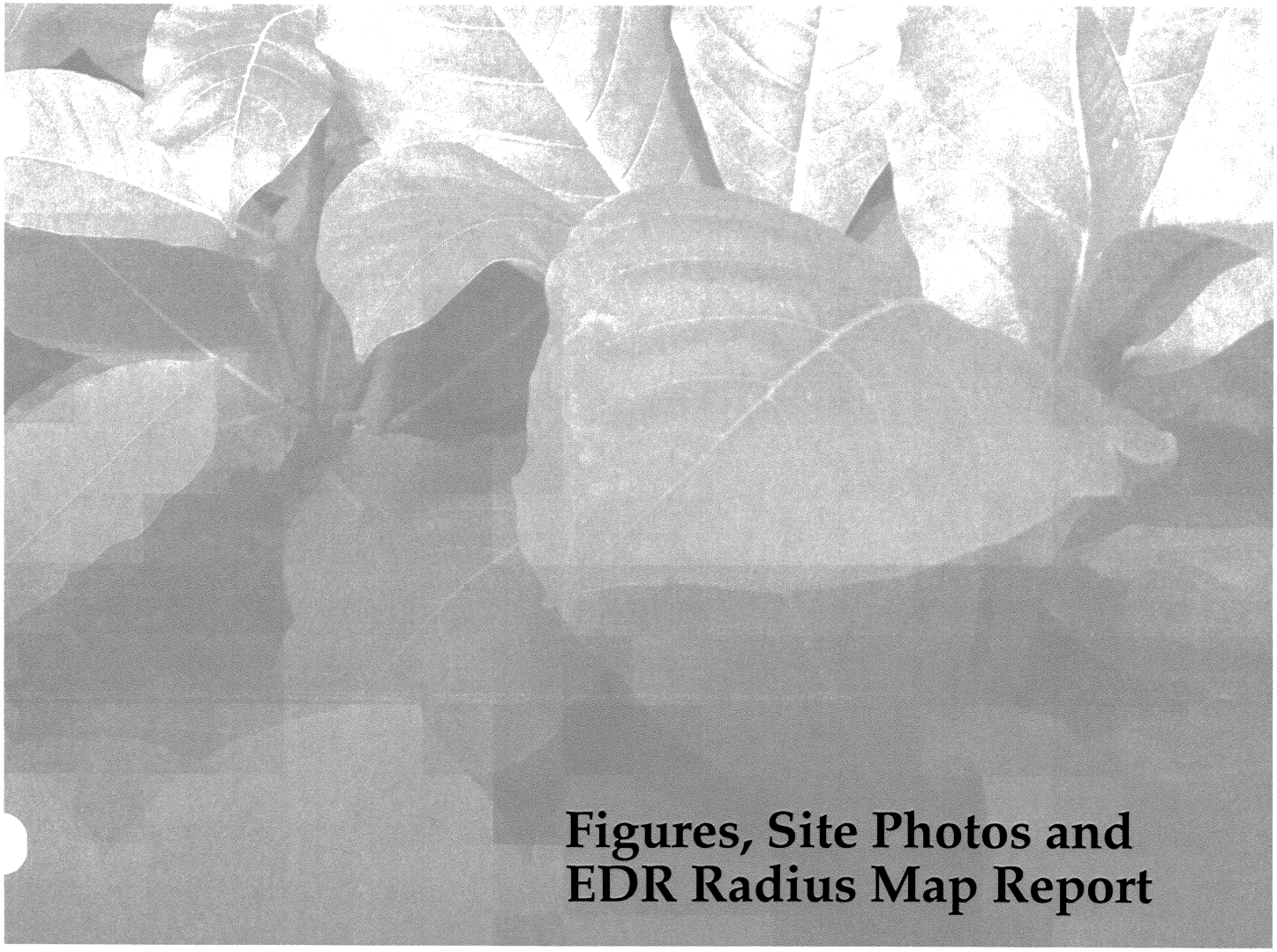
DETERMINATION:

Status Category: Not Applicable

The project is not within an FAA-designated civilian airport Runway Clear Zone (RCZ) or Runway Protection Zone, or within a military airfield Clear Zone (CZ) or Accident Potential Zone (APZ).

SUPPORTING DOCUMENTATION:

Printed: 24 CFR 51 (D).
Kahului Airport Master Plan (June, 1993), State Department of Transportation, Airports Division



Figures, Site Photos and EDR Radius Map Report

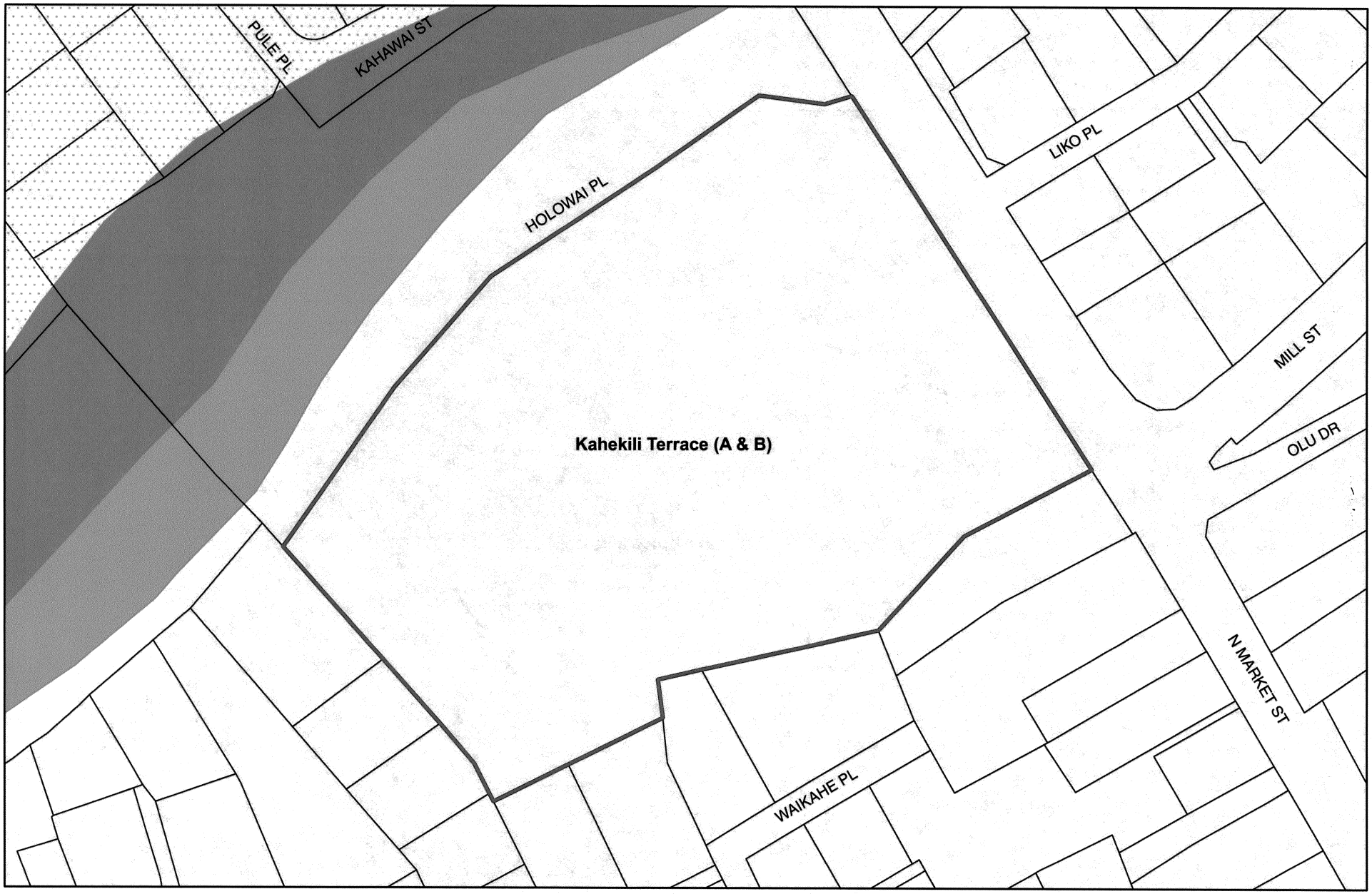


Figure 1: KAHEKILI TERRACE A
Flood Map

STATE LAND USE

State Urban District

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

A

AE

NON-SPECIAL FLOOD HAZARD AREA

Protected by Levee

0 Feet 100

0 Meters 30

Source: Federal Emergency Management Agency, 2005

All areas are determined to be Zone X or D unless otherwise noted.

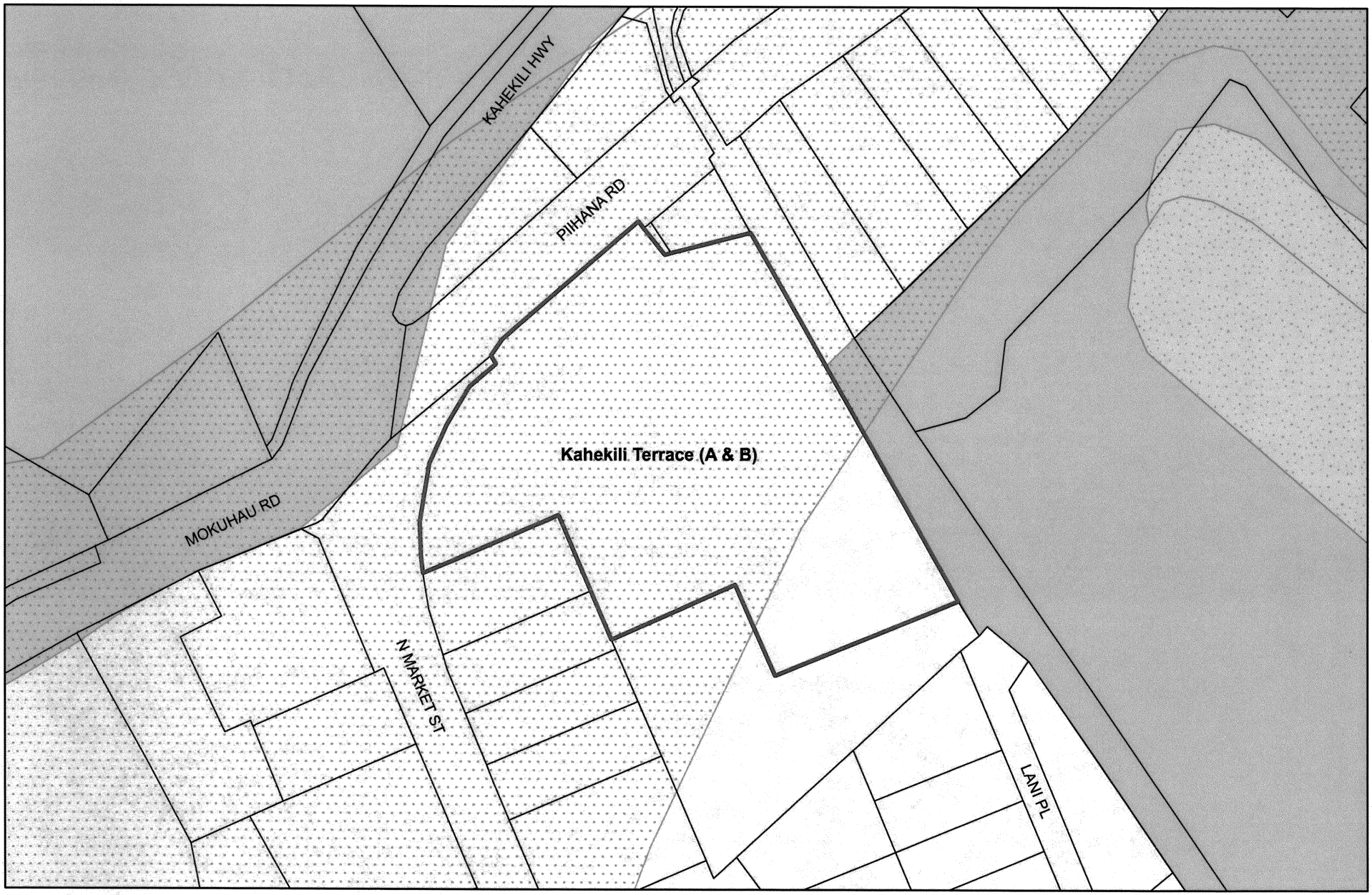


Figure 1: KAHEKILI TERRACE B
Flood Map

STATE LAND USE

- State Agricultural District
- State Urban District

NON-SPECIAL FLOOD HAZARD AREA

- 0.2% Annual Chance Flood Hazard
- Protected by Levee

All areas are determine to be Zone X unless otherwise noted.

0 Feet 100

0 Meters 30

Source: Federal Emergency Management Agency, 2005

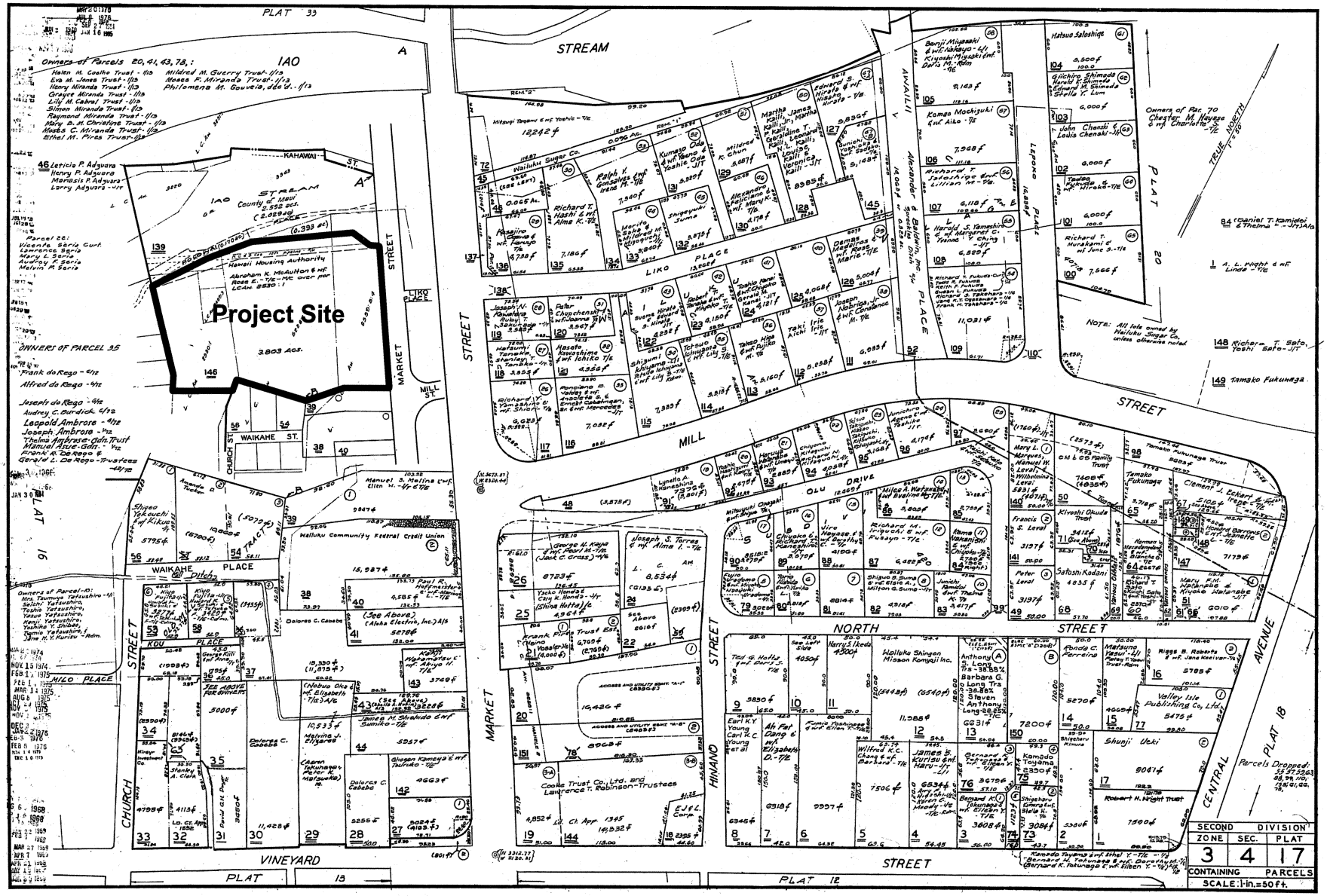


Figure 2: KAHEKILI TERRACE A

Tax Map Key Map

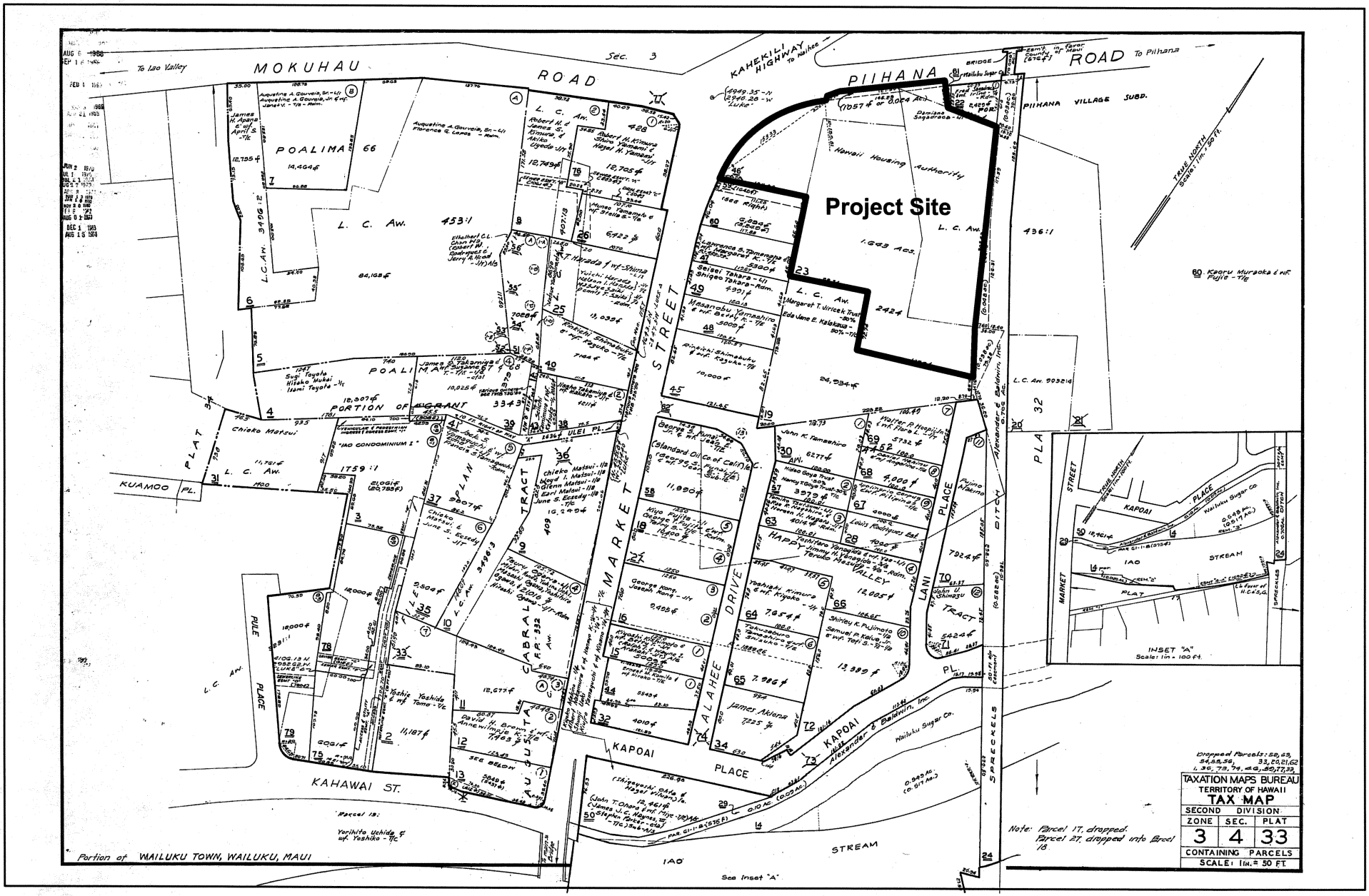
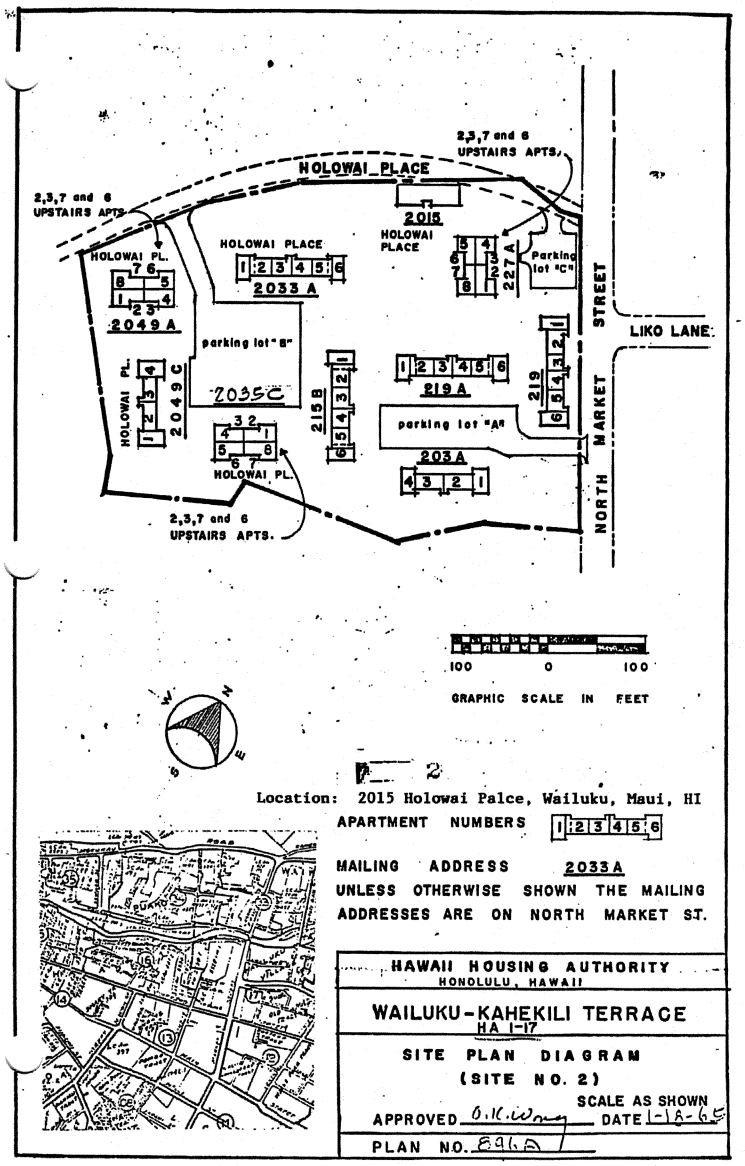


Figure 2: KAHEKILI TERRACE B

Tax Map Key Map



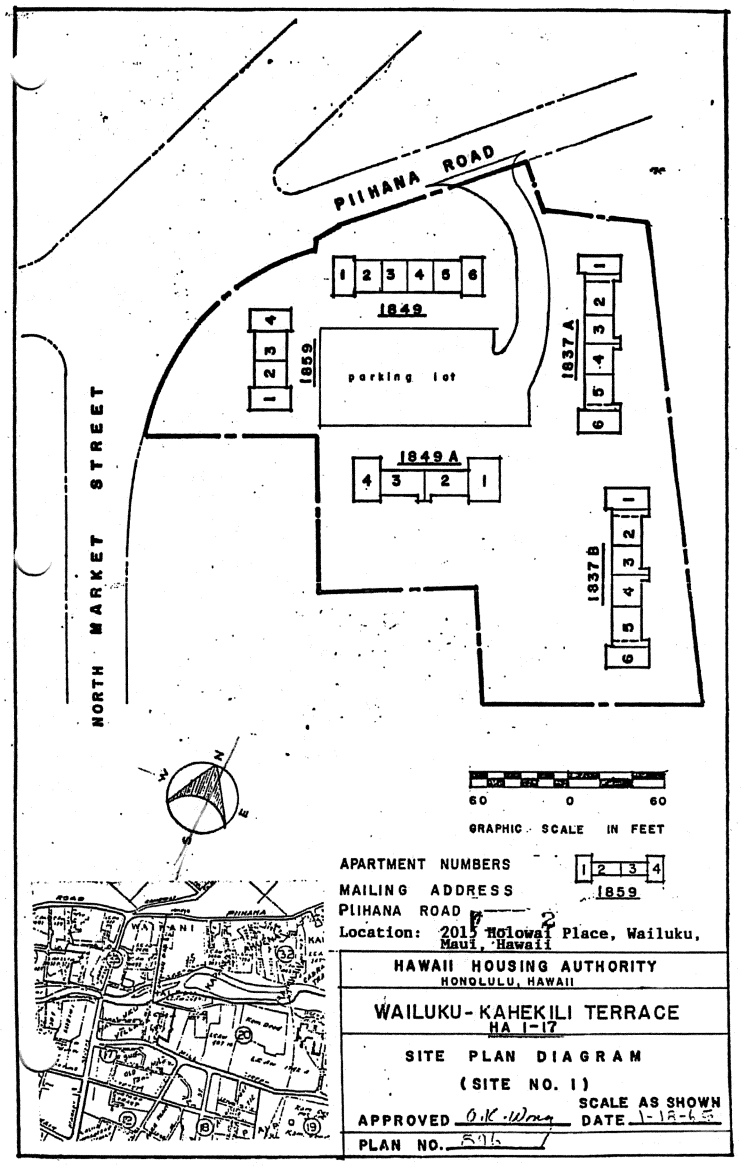


Figure 3: KAHEKILI TERRACE A & B
Site Plan

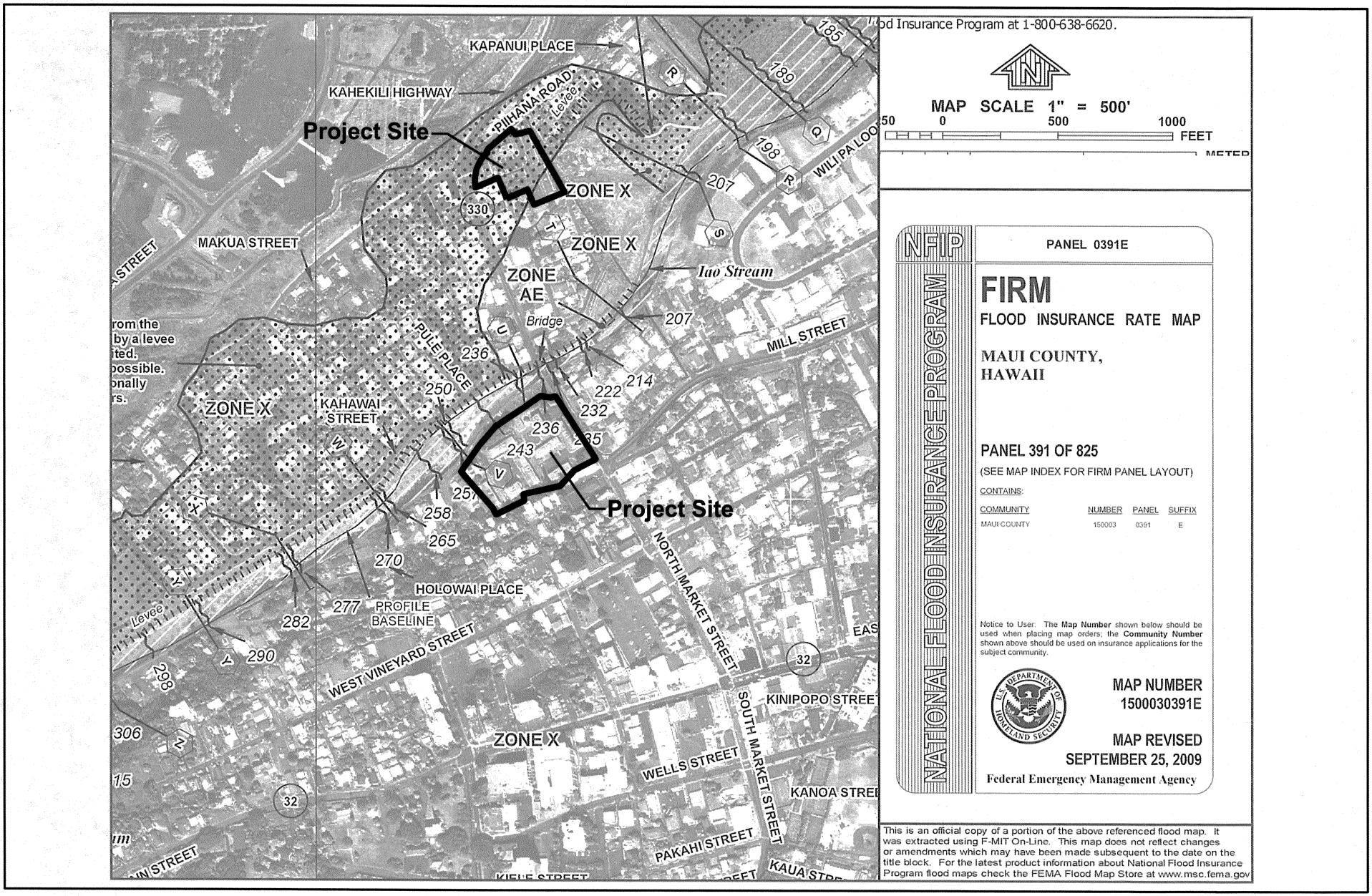
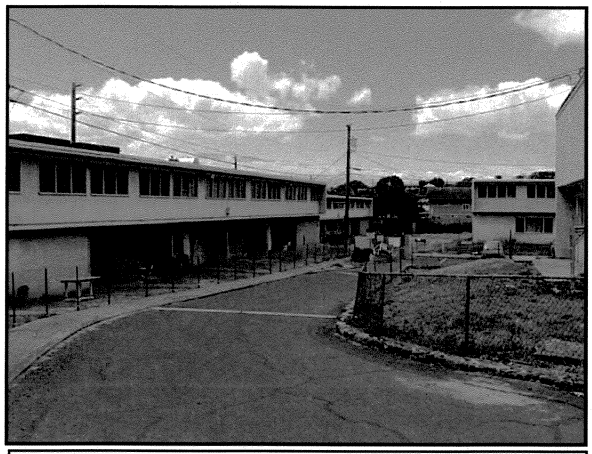
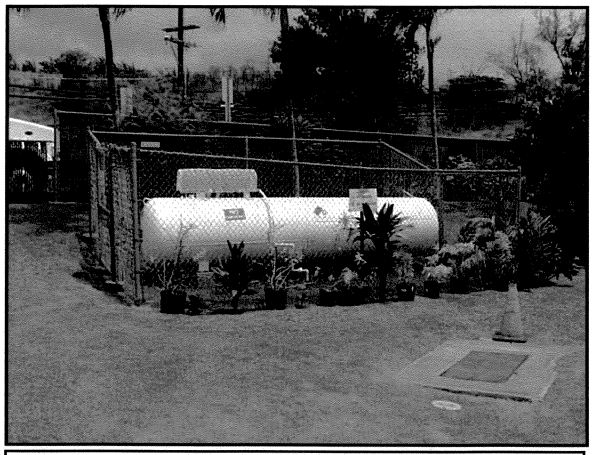


Figure 4: KAHEKILI TERRACE A & B
Flood Insurance Rate Map

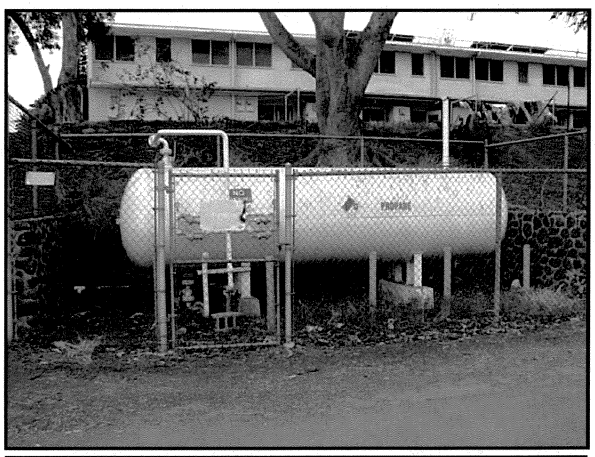


Picture 1: Typical Unit at Piihana Road

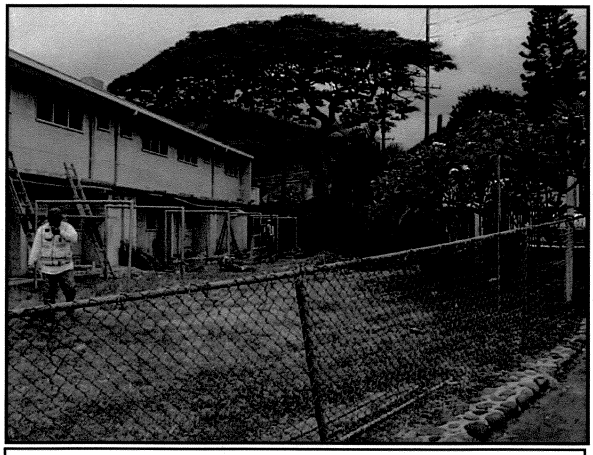
Picture 2: Typical Unit at Holowai Place



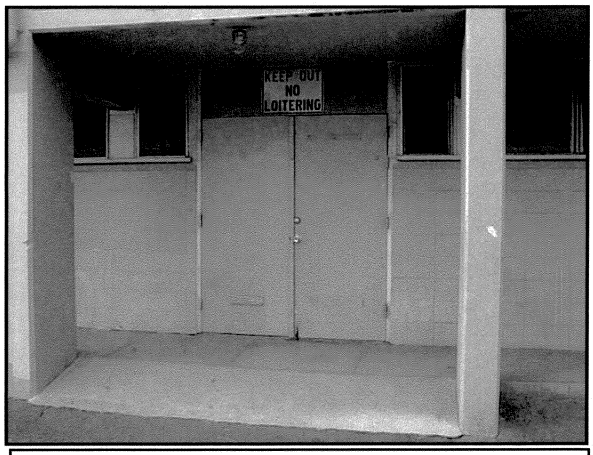
Picture 3: Propane tank at Piihana Road



Picture 4: Propane tank at Holowai Place



Picture 5: Some of units at Piihana Road are undergoing renovation



Picture 6: Supply and equipment storage at Holowai Place

Kahekili Terrace
2015 Holowai Place
Wailuku, HI 96793

Inquiry Number: 2779851.7s
May 27, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

FORM NULL MAP

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2015 HOLOWAI PLACE
WAILUKU, HI 96793

COORDINATES

Latitude (North):	20.890600 - 20° 53' 26.2"
Longitude (West):	156.504200 - 156° 30' 15.1"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	759639.8
UTM Y (Meters):	2311921.0
Elevation:	263 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	20156-H5 NAPILI, HI
Most Recent Revision:	Not reported
East Map:	20156-H4 KAHAKULOA, HI
Most Recent Revision:	Not reported

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills in the State of Hawaii

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites
INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Response Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ---------- Open Dump Inventory
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---------- Clandestine Drug Labs
US HIST CDL ---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2 ---------- CERCLA Lien Information
LUCIS ---------- Land Use Control Information System

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
SPILLS ---------- Release Notifications

Other Ascertainable Records

RCRA-NonGen ---------- RCRA - Non Generators
DOT OPS ---------- Incident and Accident Data
DOD ---------- Department of Defense Sites
FUDS ---------- Formerly Used Defense Sites
CONSENT ---------- Superfund (CERCLA) Consent Decrees
ROD ---------- Records Of Decision
UMTRA ---------- Uranium Mill Tailings Sites
MINES ---------- Mines Master Index File
TRIS ---------- Toxic Chemical Release Inventory System
TSCA ---------- Toxic Substances Control Act
FTTS ---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ---------- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ---------- Section 7 Tracking Systems
ICIS ---------- Integrated Compliance Information System
PADS ---------- PCB Activity Database System
MLTS ---------- Material Licensing Tracking System
RADINFO ---------- Radiation Information Database
FINDS ---------- Facility Index System/Facility Registry System
RAATS ---------- RCRA Administrative Action Tracking System
UIC ---------- Underground Injection Wells Listing
DRYCLEANERS ---------- Permitted Drycleaner Facility Listing
AIRS ---------- List of Permitted Facilities
INDIAN RESERV ---------- Indian Reservations
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
COAL ASH DOE ---------- Sleam-Electric Plan Operation Data
PCB TRANSFORMER ---------- PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants ---------- EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VECTOR CONTROL BRANCH	*54 HIGH ST*	*SSW 1/4 - 1/2 (0.272 mi.)*	*16*	*22*

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL OIL CO	*2086 MAIN ST*	*SSE 1/8 - 1/4 (0.232 mi.)*	*D8*	*11*
UPTOWN SERVICE INC	*2085 MAIN ST*	*SSE 1/8 - 1/4 (0.233 mi.)*	*D11*	*14*
VALLEY ISLE MOTORS LUST	*2026 MAIN STREET*	*SE 1/8 - 1/4 (0.247 mi.)*	*15*	*18*

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Health.

A review of the SHWS list, as provided by EDR, and dated 12/01/2009 has revealed that there are 9 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAUI VINEYARD INN, UST CLOSURE	2102 VINEYARD ST	SSE 0 - 1/8 (0.121 mi.)	B3	8
ALVIN'S UPTOWN CHEVRON SERVICE	2085 WEST MAIN ST	SSE 1/8 - 1/4 (0.233 mi.)	D10	14
MAIN STREET PROMENADE PROJECT	2058 MAIN ST	SSE 1/8 - 1/4 (0.237 mi.)	D13	17
VALLEY ISLE MOTORS LUST	***2026 MAIN STREET***	***SE 1/8 - 1/4 (0.247 mi.)***	***15***	***18***

Lower Elevation	Address	Direction / Distance	Map ID	Page
1790 MILL STREET	***1790 MILL ST***	***ENE 1/4 - 1/2 (0.273 mi.)***	***17***	***25***
MAUI DISPOSAL	250 IMI KALA ST	NE 1/4 - 1/2 (0.424 mi.)	21	27
MEADOW GOLD DAIRIES (MILK PLAN	***260 S MARKET ST***	***SSE 1/4 - 1/2 (0.441 mi.)***	***22***	***28***
MAUI SANDTORCHES	46 TING DR	E 1/2 - 1 (0.544 mi.)	24	30
REX TIRE & SUPPLY, DIESEL	1728 KAAHUMANU AVE	ESE 1/2 - 1 (0.601 mi.)	25	30

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health's Active Leaking Underground Storage Tank Log Listing.

A review of the LUST list, as provided by EDR, and dated 03/09/2010 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COURTHOUSE SHELL	***2086 MAIN ST***	***SSE 1/8 - 1/4 (0.232 mi.)***	***D7***	***9***
Facility Status: Site Cleanup Completed (NFA)				
Facility Status: Site Cleanup Completed (NFA)				
UPTOWN SERVICE	***2085 MAIN ST***	***SSE 1/8 - 1/4 (0.233 mi.)***	***D9***	***13***
Facility Status: Site Cleanup Completed (NFA)				
HOAPILI HALE - MAUI JUDICIARY	***2145 MAIN ST.***	***S 1/8 - 1/4 (0.236 mi.)***	***12***	***16***
Facility Status: Site Cleanup Completed (NFA)				
VALLEY ISLE MOTORS LUST	***2026 MAIN STREET***	***SE 1/8 - 1/4 (0.247 mi.)***	***15***	***18***
Facility Status: Site Cleanup Completed (NFA)				
Facility Status: Site Cleanup Completed (NFA)				
WAILUKU CENTRAL OFFICE	***60 S CHURCH ST***	***SSE 1/4 - 1/2 (0.298 mi.)***	***19***	***26***
Facility Status: Site Cleanup Completed (NFA)				
COUNTY OF MAUI - CIVIL DEFENSE	***200 S HIGH ST***	***S 1/4 - 1/2 (0.457 mi.)***	***23***	***29***
Facility Status: Site Cleanup Completed (NFA)				

Lower Elevation	Address	Direction / Distance	Map ID	Page
OGAWA SERVICE STATION	***327 N MARKET ST***	***N 0 - 1/8 (0.103 mi.)***	***A2***	***7***
Facility Status: Site Cleanup Completed (NFA)				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOKAHI PACIFIC	***1935 MAIN ST***	***SE 1/4 - 1/2 (0.297 mi.)***	***18***	***26***
Facility Status: Site Cleanup Completed (NFA)				
Facility Status: Site Cleanup Completed (NFA)				
WAILUKU FIRE STATION	***21 KINIPOPO ST***	***ESE 1/4 - 1/2 (0.387 mi.)***	***20***	***27***
Facility Status: Site Cleanup Completed (NFA)				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health's Listing of Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 03/09/2010 has revealed that there are 9 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
2102 VINEYARD ST.	2102 VINEYARD ST	SSE 0 - 1/8 (0.121 mi.)	B4	8
COURTHOUSE SHELL	***2086 MAIN ST***	***SSE 1/8 - 1/4 (0.232 mi.)***	***D7***	***9***
UPTOWN SERVICE	***2085 MAIN ST***	***SSE 1/8 - 1/4 (0.233 mi.)***	***D9***	***13***
HOAPILI HALE - MAUI JUDICIARY	***2145 MAIN ST.***	***S 1/8 - 1/4 (0.236 mi.)***	***12***	***16***
VALLEY ISLE MOTORS LUST	***2026 MAIN STREET***	***SE 1/8 - 1/4 (0.247 mi.)***	***15***	***18***

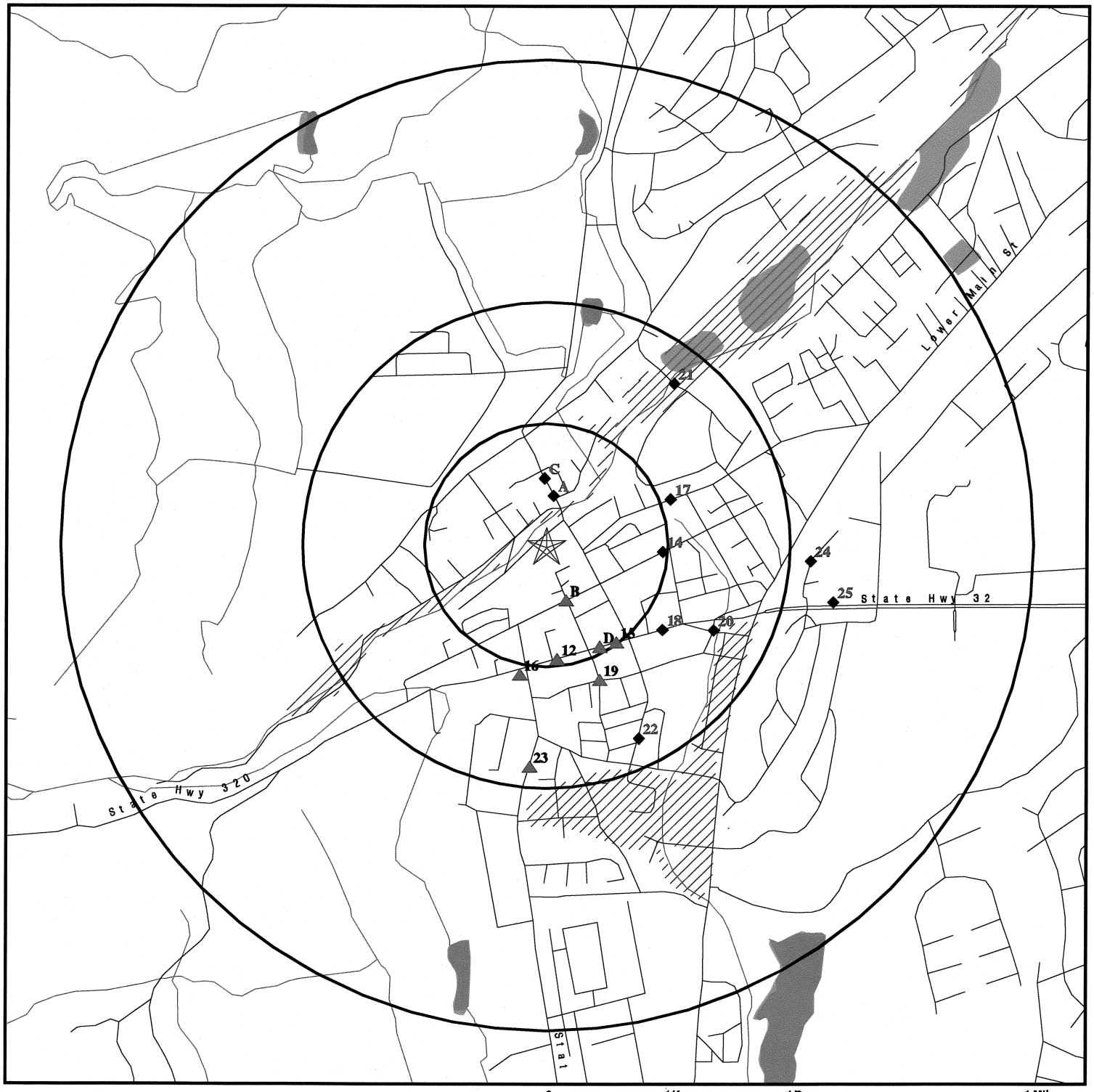
Lower Elevation	Address	Direction / Distance	Map ID	Page
OGAWA SERVICE STATION	327 N MARKET ST	N 0 - 1/8 (0.103 mi.)	A1	7
PAM FUJITA PROPERTY	346 N. MARKET ST	N 1/8 - 1/4 (0.131 mi.)	C5	8
GEORGE S./ JEAN FUNAI	350 N MARKET ST	N 1/8 - 1/4 (0.137 mi.)	C6	9
DOWN TO EARTH NATURAL FOODSTOR	1910 VINEYARD ST	E 1/8 - 1/4 (0.241 mi.)	14	17

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
KALAMAULA LANDFILL	SHWS, ENG CONTROLS
BIRD BUILDERS	SHWS
AMALA PL	CERC-NFRAP, SHWS
VECTOR CONTROL BRANCH, MAUI	SHWS
HOBRON AVE	FINDS, SHWS
FONG CONSTRUCTION	SHWS
MAUI PALMS HOTEL UST	SHWS
310 E KAAHUMANU AVE	FINDS, SHWS, SPILLS
W PAPA AVE	FINDS, SHWS
MAUI MEAT COMPANY FACILITY (FORMER	SHWS, SPILLS
WAIKAPU RD	FINDS, SHWS
PAIA SUGAR MILL	SHWS
MAHALANI ST	FINDS, SHWS
MECO TRANSFORMER 3358	SHWS
Y HATA- MAUI	SHWS
WAIMALUHIA MAUI METH / DRUG LAB AC	SHWS, SPILLS
CENTRAL MAUI	CERC-NFRAP
ILIMA SHELL	LUST, UST
PORT TOWN CHEVRON	LUST, UST
OLD HALEAKALA HWY	FINDS, LUST
MARK MILL34	LUST
HONOAPIILANI HWY	FINDS, LUST
DAVID PICO CESSPOOL DIGGING	UST
MARK MILL34	UST
BOARD OF WATER SUPPLY	UST
CLINICAL LABORATORIES OF HAWAII	RCRA-SQG
54 HIGH ST	RCRA-NonGen
KAHULUI TOWN TERRACE	FINDS

OVERVIEW MAP - 2779851.7s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME: Kahekili Terrace ADDRESS: 2015 Holowai Place Wailuku HI 96793 LAT/LONG: 20.8906 / 156.5042	CLIENT: Helber , Hastert, and Fee Planners CONTACT: Ronald A. Sato INQUIRY #: 2779851.7s DATE: May 27, 2010 12:15 pm

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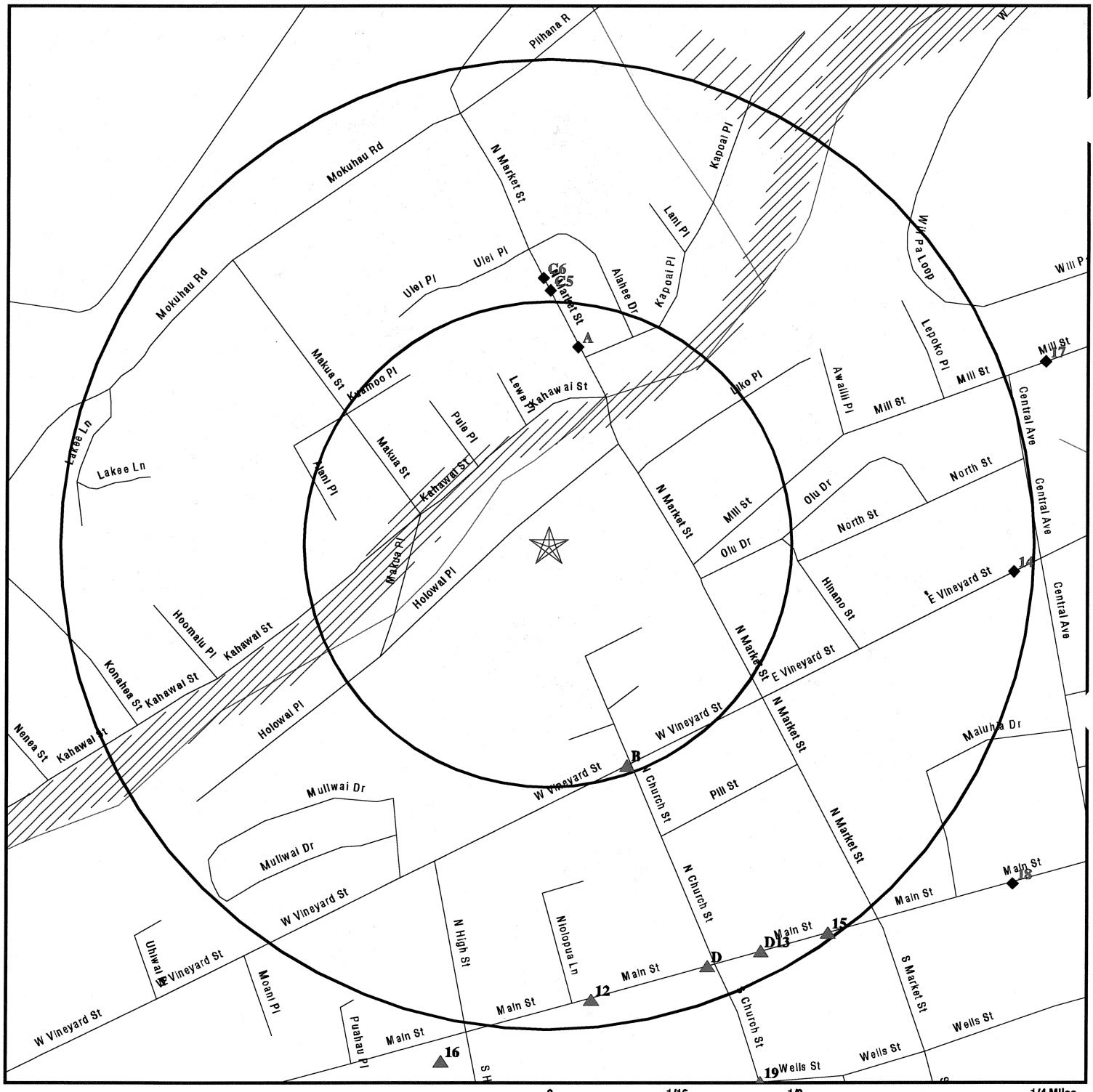
DETAIL MAP - 2779851.7s



0 1/16 1/8 1/4 Miles

★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

SITE NAME:	Kahekili Terrace	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	2015 Holowai Place Wailuku HI 96793	CONTACT:	Ronald A. Sato
LAT/LONG:	20.8906 / 156.5042	INQUIRY #:	2779851.7s
		DATE:	May 27, 2010 12:15 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	3	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	1	3	3	2	NR	9
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	1	4	4	NR	NR	9
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	2	7	NR	NR	NR	9

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **OGAWA SERVICE STATION** **UST** **U003222184**
North **327 N MARKET ST** **N/A**
< 1/8 **WAILUKU, HI 96793**
0.103 mi.
543 ft. **Site 1 of 2 in cluster A**

Relative:
Lower

Actual:
240 ft.

UST:

Facility ID:	9-500398
Owner:	MASASHI OGAWA
Owner Address:	327 N MARKET ST
Owndер City,St,Zip:	Wailuku, 96793 96793
Tank ID:	R-001
Date Installed:	7/27/1956
Tank Status:	**Permanently Out of Use**
Date Closed:	3/4/1995
Tank Capacity:	1000
Substance:	Gasoline
Tank ID:	R-002
Date Installed:	7/27/1956
Tank Status:	**Permanently Out of Use**
Date Closed:	3/4/1996
Tank Capacity:	1000
Substance:	Gasoline
Tank ID:	R-003
Date Installed:	7/27/1977
Tank Status:	**Permanently Out of Use**
Date Closed:	3/4/1996
Tank Capacity:	5000
Substance:	Gasoline

A2 **OGAWA SERVICE STATION** **FINDS** **1006843156**
North **327 N MARKET ST** **LUST** **N/A**
< 1/8 **WAILUKU, HI 96793**
0.103 mi.
543 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
240 ft.

FINDS:

Registry ID: 110014046807

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

LUST:

Facility ID:	9-500398
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	8/19/1996
Release ID:	960046
Project Officer:	Jose Ruiz

B3 **MAUI VINEYARD INN, UST CLOSURE** **SHWS** **S106819021**
SSE **2102 VINEYARD ST** **N/A**
< 1/8 **WAILUKU, HI 96793**
0.121 mi.
638 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
302 ft.

SHWS:

Organization:	Maui Vineyard Inn
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Vineyard Street Tank Closure
Hid Number:	Not reported
Facility Registry Identifier:	110013766656
Lead Agency:	HEER
Program:	State
Project Manager:	Unassigned
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	12/11/1997 1:20:09 AM

B4 **2102 VINEYARD ST.** **UST** **U003222271**
SSE **2102 VINEYARD ST** **N/A**
< 1/8 **WAILUKU, HI 96793**
0.121 mi.
638 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
302 ft.

UST:

Facility ID:	9-503115
Owner:	RALPH KATO
Owner Address:	1063 LOWER MAIN ST
Ownder City,St,Zip:	Wailuku, 96793 96793
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	10/5/1995
Tank Capacity:	550
Substance:	Diesel

C5 **PAM FUJITA PROPERTY** **UST** **U003967142**
North **346 N. MARKET ST** **N/A**
1/8-1/4 **WAILUKU, HI 96793**
0.131 mi.
691 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
234 ft.

UST:

Facility ID:	9-503775
Owner:	Pam Fujita property
Owner Address:	3370 Emekona Place
Ownder City,St,Zip:	Wailuku, 96793 96793
Tank ID:	r-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	4/16/2004

PAM FUJITA PROPERTY (Continued) **U003967142**

Tank Capacity: 550
Substance: Gasoline

Tank ID: r-2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 4/16/2004
Tank Capacity: 550
Substance: Gasoline

C6 **GEORGE S./ JEAN FUNAI** **UST** **U003222272**
North **350 N MARKET ST** **N/A**
1/8-1/4 **WAILUKU, HI 96793**
0.137 mi.
725 ft. **Site 2 of 2 in cluster C**

Relative: UST:
Lower Facility ID: 9-503152
Owner: GEORGE S./ JEAN FUNAI
Actual: Owner Address: c/o Bryan Funai 900 Eha St. Suite 108
232 ft. Owner City,St,Zip: Wailuku, 96793 96793

Tank ID: R-1
Date Installed: 1/1/1953
Tank Status: **Permanently Out of Use**
Date Closed: 2/8/1996
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-2
Date Installed: 1/1/1953
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1986
Tank Capacity: 1000
Substance: Gasoline

D7 **COURTHOUSE SHELL** **LUST** **U001236712**
SSE **2086 MAIN ST** **UST** **N/A**
1/8-1/4 **WAILUKU, HI 96793**
0.232 mi.
1227 ft. **Site 1 of 6 in cluster D**

Relative: LUST:
Higher Facility ID: 9-501008
Facility Status: Site Cleanup Completed (NFA)
Actual: Facility Status Date: 2/29/2000
297 ft. Release ID: 000056
Project Officer: Jose Ruiz

Facility ID: 9-501008
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 8/31/1995
Release ID: 920149
Project Officer: Jose Ruiz

COURTHOUSE SHELL (Continued) **U001236712**

UST:
Facility ID: 9-501008
Owner: EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address: 2555 13TH AVE, SW
Owner City,St,Zip: Wailuku, 96793 96793

Tank ID: R-4
Date Installed: 6/30/1991
Tank Status: Permanently Out of Use
Date Closed: 9/1/1999
Tank Capacity: 550
Substance: Used Oil

Tank ID: R-5
Date Installed: 4/18/1962
Tank Status: Permanently Out of Use
Date Closed: 6/30/1991
Tank Capacity: 550
Substance: Used Oil

Tank ID: R-6
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 6/30/1991
Tank Capacity: 4000
Substance: Gasoline

Tank ID: R-7
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 6/30/1991
Tank Capacity: 4000
Substance: Gasoline

Tank ID: R-8
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 6/30/1991
Tank Capacity: 4000
Substance: Gasoline

Tank ID: r-87
Date Installed: 8/31/1979
Tank Status: Permanently Out of Use
Date Closed: 1/5/2004
Tank Capacity: 8000
Substance: Gasoline

Tank ID: r-89
Date Installed: 8/31/1979
Tank Status: Permanently Out of Use

COURTHOUSE SHELL (Continued) **U001236712**

Date Closed: 1/5/2004
Tank Capacity: 8000
Substance: Gasoline

Tank ID: r-92
Date Installed: 8/31/1979
Tank Status: Permanently Out of Use
Date Closed: 1/5/2004
Tank Capacity: 8000
Substance: Gasoline

D8 **SHELL OIL CO** **RCRA-CESQG 1004688855**
SSE **2086 MAIN ST** **FINDS HID982445421**
1/8-1/4 **WAILUKU, HI 96793**
0.232 mi.
1227 ft. **Site 2 of 6 in cluster D**

Relative:
Higher

Actual:
297 ft.

RCRA-CESQG:
Date form received by agency: 08/15/1993
Facility name: SHELL OIL CO
Facility address: 2086 MAIN ST
WAILUKU, HI 96793
EPA ID: HID982445421
Mailing address: P O BOX 4848
ANAHEIM, CA 92803
Contact: SONDRA BIENVENU
Contact address: 2086 MAIN ST
WAILUKU, HI 96793
Contact country: US
Contact telephone: (713) 241-2258
Contact email: Not reported
EPA Region: 09
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: SHELL OIL CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner

SHELL OIL CO (Continued) **1004688855**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110013766683

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are

SHELL OIL CO (Continued) **1004688855**

in compliance with environmental regulations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D9 **UPTOWN SERVICE** **LUST 1000344105**
SSE **2085 MAIN ST** **UST N/A**
1/8-1/4 **WAILUKU, HI 96793**
0.233 mi.
1230 ft. **Site 3 of 6 in cluster D**

Relative:
Higher

Actual:
297 ft.

LUST:

Facility ID:	9-501128
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	1/4/2002
Release ID:	990175
Project Officer:	Richard Takaba

UST:

Facility ID:	9-501128
Owner:	ALVIN MAKIMOTO
Owner Address:	UPTOWN SERVICE 2085 MAIN ST
Owner City,St,Zip:	Wailuku, 96793 96793
Tank ID:	1
Date Installed:	7/19/1983
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	2
Date Installed:	7/18/1977
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	6000
Substance:	Gasoline
Tank ID:	3
Date Installed:	7/19/1983
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline
Tank ID:	4
Date Installed:	7/19/1983
Tank Status:	**Currently In Use**
Date Closed:	Not reported

UPTOWN SERVICE (Continued) **1000344105**

Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-5
Date Installed: 12/1/1982
Tank Status: Permanently Out of Use
Date Closed: 6/4/1997
Tank Capacity: 1000
Substance: Used Oil

D10 **ALVIN'S UPTOWN CHEVRON SERVICE STATION** **SHWS** **S107022542**
SSE **2085 WEST MAIN ST** **N/A**
1/8-1/4 **WAILUKU, HI 96793**
0.233 mi.
1230 ft. **Site 4 of 6 in cluster D**

Relative:
Higher

Actual:
297 ft.

SHWS:

Organization:	Chevron Products Company
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Hydraulic Hoist and Sand-and-Grease Trap Removal
Hid Number:	Not reported
Facility Registry Identifier:	110006399922
Lead Agency:	Not reported
Program:	State
Project Manager:	Diane England
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	4/28/2005 1:19:03 AM

D11 **UPTOWN SERVICE INC** **RCRA-CESQG** **1004688826**
SSE **2085 MAIN ST** **FINDS** **HID981983539**
1/8-1/4 **WAILUKU, HI 96793**
0.233 mi.
1230 ft. **Site 5 of 6 in cluster D**

Relative:
Higher

Actual:
297 ft.

RCRA-CESQG:

Date form received by agency:	05/01/1987
Facility name:	UPTOWN SERVICE INC
Facility address:	2085 MAIN ST WAILUKU, HI 96793
EPA ID:	HID981983539
Contact:	ENVIRONMENTAL MANAGER
Contact address:	2085 MAIN ST WAILUKU MAUI, HI 96793
Contact country:	US
Contact telephone:	(808) 244-0869
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time;

UPTOWN SERVICE INC (Continued) **1004688826**

or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHEVRON
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110006399922

UPTOWN SERVICE INC (Continued) **1004688826**

Environmental Interest/Information System

HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

12
South
1/8-1/4
0.236 mi.
1244 ft.

Relative:
Higher

Actual:
315 ft.

HOAPILI HALE - MAUI JUDICIARY BUILDING **LUST U003711776**
2145 MAIN ST. **UST N/A**
WAILUKU, HI 96793

LUST:

Facility ID:	9-503536
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	2/25/2003
Release ID:	000001
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-503536
Owner:	STATE OF HAWAII - JUDICIARY
Owner Address:	2145 Main St.
Ownder City,St,Zip:	Wailuku, 96793 96793

Tank ID:	M-2
Date Installed:	11/1/1999
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	600
Substance:	Diesel

Tank ID:	M-2
Date Installed:	11/1/1999
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	600
Substance:	Diesel

Tank ID:	R-1
Date Installed:	1/1/1973
Tank Status:	**Permanently Out of Use**

HOAPILI HALE - MAUI JUDICIARY BUILDING (Continued) **U003711776**

Date Closed: 9/15/1999
Tank Capacity: 600
Substance: Diesel

Tank ID: R-1
Date Installed: 1/1/1973
Tank Status: Permanently Out of Use
Date Closed: 9/15/1999
Tank Capacity: 600
Substance: Diesel

D13 **MAIN STREET PROMENADE PROJECT (DEMOLITION PHASE 1B** **SHWS** **S106818881**
SSE **2058 MAIN ST** **N/A**
1/8-1/4 **WAILUKU, HI**
0.237 mi.
1249 ft. **Site 6 of 6 in cluster D**

Relative: **Higher**

Actual: **291 ft.**

SHWS:

Organization:	Main Street Promenade Project
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Main Street Promenade Project (Demolition Phase 1B)
Hid Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Mike Cripps
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	9/1/2000 1:19:26 AM

---

14 **DOWN TO EARTH NATURAL FOODSTORE** **UST** **U003222268**
East **1910 VINEYARD ST** **N/A**
1/8-1/4 **WAILUKU, HI 96793**
0.241 mi.
1270 ft.

Relative: **Lower**

Actual: **238 ft.**

UST:
Facility ID: 9-502974
Owner: DOWN TO EARTH NATURAL FOODSTORE
Owner Address: 1910 VINEYARD ST
Ownder City,St,Zip: Wailuku, 96793 96793

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 7/24/1994
Tank Capacity: 2000
Substance: Gasoline

Tank ID: R-2

DOWN TO EARTH NATURAL FOODSTORE (Continued) **U003222268**

Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 7/24/1994
Tank Capacity: 2000
Substance: Gasoline

15
SE
1/8-1/4
0.247 mi.
1302 ft.

Relative:
Higher

Actual:
282 ft.

VALLEY ISLE MOTORS LUST
2026 MAIN STREET
WAILUKU, HI 96793

RCRA-CESQG **1000601460**
FINDS **HID984466896**
SHWS
LUST
UST
SPILLS

RCRA-CESQG:
Date form received by agency: 04/27/2001
Facility name: ROBERT JOSLIN
Facility address: 2026 MAIN ST
WAILUKU, HI 96793
EPA ID: HID984466896
Contact: ROBERT JOSLIN
Contact address: 2026 MAIN ST
WAILUKU, HI 96793
Contact country: US
Contact telephone: (808) 244-3980
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: ROBERT JOSLIN
Owner/operator address: 2026 MAIN ST
WAILUKU, HI 96793
Owner/operator country: Not reported
Owner/operator telephone: (808) 244-3980
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown

VALLEY ISLE MOTORS LUST (Continued) **1000601460**

Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Hazardous Waste Summary:

Waste code:	D000
Waste name:	Not Defined
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D008
Waste name:	LEAD
Waste code:	D018
Waste name:	BENZENE
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	01/19/1996
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Registry ID: 110005727516

Environmental Interest/Information System

HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to

VALLEY ISLE MOTORS LUST (Continued) **1000601460**

present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:

Organization:	Valley Isle Motors
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Valley Isle Motors Leaking UST
Hid Number:	Not reported
Facility Registry Identifier:	110005727516
Lead Agency:	SHWB
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	No Hazard
Closure Document Title:	NFA Letter - Unrestricted Residential Use
Date Of Closure Document:	5/15/2003 1:27:23 AM

LUST:

Facility ID:	9-501588
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	5/15/2003
Release ID:	900024
Project Officer:	Shunsheng Fu

Facility ID:	9-501588
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	5/15/2003
Release ID:	010004
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-501588
Owner:	VALLEY ISLE MOTORS, LTD.
Owner Address:	2026 MAIN St
Ownder City,St,Zip:	Wailuku, 96793 96793

VALLEY ISLE MOTORS LUST (Continued) **1000601460**

Tank ID: R-1
Date Installed: 4/22/1966
Tank Status: **Permanently Out of Use**
Date Closed: 5/10/1990
Tank Capacity: 1000
Substance: Used Oil

Tank ID: R-2
Date Installed: 4/22/1966
Tank Status: **Permanently Out of Use**
Date Closed: 5/10/1990
Tank Capacity: 1000
Substance: Used Oil

Tank ID: R-3
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 5/10/1990
Tank Capacity: 1000
Substance: Used Oil

Tank ID: R-4
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1990
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-7
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 10/1/2000
Tank Capacity: 300
Substance: Used Oil

Tank ID: R-8
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1990
Tank Capacity: 300
Substance: Kerosene

Tank ID: r-5
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 1/1/1990
Tank Capacity: 1000
Substance: Gasoline

Tank ID: r-6

VALLEY ISLE MOTORS LUST (Continued) **1000601460**

Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	1/1/1990
Tank Capacity:	1000
Substance:	Gasoline

HI SPILLS:

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	19990804-1500
HID Number:	Not reported
Facility Registry Id:	110005727516
Lead and Program:	HEER EP&R
ER:	No
Units:	Valley Isle Motors LUST
Substances:	Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Bill Perry
Assignment End Date:	Not reported
Result:	8
File Under:	Valley Isle Motors

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	19990805-1343
HID Number:	Not reported
Facility Registry Id:	110005727516
Lead and Program:	HEER EP&R
ER:	No
Units:	Former Valley Isle Motors LUST
Substances:	Not reported
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	8
File Under:	Valley Isle Motors

16
SSW
1/4-1/2
0.272 mi.
1435 ft.

VECTOR CONTROL BRANCH **CERC-NFRAP** **1000417822**
54 HIGH ST **RCRA-NonGen** **HID000628446**
WAILUKU, HI 96793 **FINDS**

Relative:
Higher

Actual:
342 ft.

CERC-NFRAP:

Site ID:	0902833
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Title:	Not reported

VECTOR CONTROL BRANCH (Continued) **1000417822**

Contact Name: Carl Brickner
Contact Tel: (415) 972-3814

Contact Title: RPM
Contact Name: Eugenia Chow
Contact Tel: (415) 972-3160

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: VECTOR CONTROL BRANCH
Alias Address: 2611 KILIHAU ST
HONOLULU, HI 96819

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/01/1980
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 08/01/1984
Date Completed: 09/01/1984
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 09/01/1984
Priority Level: Not reported

RCRA-NonGen:
Date form received by agency: 09/24/1980
Facility name: VECTOR CONTROL BRANCH
Facility address: 54 HIGH ST
WAILUKU, HI 96793
EPA ID: HID000628446
Mailing address: 2611 KILIHAU STREET
HONOLULU, HI 96819
Contact: ENVIRONMENTAL MANAGER
Contact address: 54 HIGH ST
WAILUKU MAUI, HI 96793
Contact country: US
Contact telephone: (808) 548-8484
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported

VECTOR CONTROL BRANCH (Continued) **1000417822**

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110011913956

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This

VECTOR CONTROL BRANCH (Continued) **1000417822**

information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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17 **1790 MILL STREET** **SHWS S106815273**
ENE **1790 MILL ST** **SPILLS N/A**
1/4-1/2 **WAILUKU, HI 96793**
0.273 mi.
1440 ft.

Relative:
Lower

Actual:
211 ft.

SHWS:

Organization:	1790 Mill Street
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Gomes Construction - 1790 Mill Street, Wailuku, Maui
Hid Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Clarence Callahan
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	8/24/2005 1:18:44 AM

HI SPILLS:

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	20041011-1135
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	No
Units:	1790 Mill Street Soil Disposal
Substances:	Waste Oil
Less Or Greater Than:	>
Numerical Quantity:	25
Units:	Gallons
Activity Type:	Response
Activity Lead:	Paul Chong
Assignment End Date:	12/2/2004
Result:	8
File Under:	1790 Mill Street

18
SE
1/4-1/2
0.297 mi.
1568 ft.

LOKAHI PACIFIC
1935 MAIN ST
WAILUKU, HI 96793

FINDS **1006842026**
LUST **N/A**

Relative:
Lower

Actual:
253 ft.

FINDS:

Registry ID: 110014034160

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

LUST:
Facility ID: 9-501603
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 2/29/2000
Release ID: 980218
Project Officer: Jose Ruiz

Facility ID: 9-501603
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 2/29/2000
Release ID: 990141
Project Officer: Jose Ruiz

19
SSE
1/4-1/2
0.298 mi.
1574 ft.

WAILUKU CENTRAL OFFICE
60 S CHURCH ST
WAILUKU, HI 96793

FINDS **1006819684**
LUST **N/A**

Relative:
Higher

Actual:
290 ft.

FINDS:

Registry ID: 110013775334

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and

WAILUKU CENTRAL OFFICE (Continued) **1006819684**

hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

LUST:
Facility ID: 9-500552
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/17/1997
Release ID: 980003
Project Officer: Renato Maniulit

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20 ESE 1/4-1/2 0.387 mi. 2042 ft.
WAILUKU FIRE STATION
21 KINIPOPO ST
WAILUKU, HI 96793
FINDS LUST **1006842414 N/A**

Relative: Lower

Actual: 231 ft.

FINDS:

Registry ID: 110014038497

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

LUST:
Facility ID: 9-502764
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/8/2001
Release ID: 930113
Project Officer: Jose Ruiz

---

21 NE 1/4-1/2 0.424 mi. 2239 ft.
MAUI DISPOSAL
250 IMI KALA ST
WAILUKU, HI
SHWS **S110061652 N/A**

Relative: Lower

Actual: 164 ft.

SHWS:
Organization: United States Postal Service
Supplemental Location Text: Not reported
Island: Maui
Environmental Interest: Maui Disposal
Hid Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: HEER
Program: Site Discovery
Project Manager: Cal Miyahara
Hazard Priority: Medium
Site Status: Ongoing
Action: Response
Potential Hazards And Controls: Hazard Present

MAUI DISPOSAL (Continued) **S110061652**

Closure Document Title: Not reported
Date Of Closure Document: Not reported

22
SSE
1/4-1/2
0.441 mi.
2331 ft.

MEADOW GOLD DAIRIES (MILK PLANT)
260 S MARKET ST
WAILUKU, HI 96793

FINDS 1006818976
SHWS N/A

Relative:
Lower

Actual:
255 ft.

FINDS:

Registry ID: 110013767352

Environmental Interest/Information System

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

SHWS:

Organization: State of Hawaii, Department of Defense, Hawaii Army National Guard
Supplemental Location Text: Not reported
Island: Maui
Environmental Interest: Organizational Maintenance Shop #3 (OMS #3)
Hid Number: Not reported
Facility Registry Identifier: 110013767352
Lead Agency: Not reported
Program: HIANG Site
Project Manager: Unassigned
Hazard Priority: Low
Site Status: Ongoing
Action: Assessment
Potential Hazards And Controls: Hazard Undetermined
Closure Document Title: Not reported
Date Of Closure Document: Not reported

23
South
1/4-1/2
0.457 mi.
2414 ft.

Relative:
Higher

Actual:
323 ft.

COUNTY OF MAUI - CIVIL DEFENSE
200 S HIGH ST
WAILUKU, HI 96793

LUST U003711775
UST N/A

LUST:

Facility ID:	9-503420
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	10/15/2001
Release ID:	010053
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-503420
Owner:	Civil Defense Agency - County of Maui
Owner Address:	200 S. High St.
Owner City,St,Zip:	Wailuku, 96793 96793

Tank ID:	M-2
Date Installed:	11/1/1998
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	2000
Substance:	Diesel

Tank ID:	M-2
Date Installed:	11/1/1998
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	2000
Substance:	Diesel

Tank ID:	R-M-1
Date Installed:	6/1/1973
Tank Status:	**Permanently Out of Use**
Date Closed:	11/13/1998
Tank Capacity:	1700
Substance:	Diesel

Tank ID:	R-M-1
Date Installed:	6/1/1973
Tank Status:	**Permanently Out of Use**
Date Closed:	11/13/1998
Tank Capacity:	1700
Substance:	Diesel

24
East
1/2-1
0.544 mi.
2873 ft.

MAUI SANDTORCHES
46 TING DR
WAILUKU, HI 96793

SHWS **S106819015**
N/A

Relative:
Lower

Actual:
243 ft.

SHWS:

Organization:	Jacqueline Carlin (Former Operator)
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Maui Sandtorches
Hid Number:	HID077670842
Facility Registry Identifier:	110005723217
Lead Agency:	Not reported
Program:	State
Project Manager:	Unassigned
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	4/15/1996 1:19:28 AM

25
ESE
1/2-1
0.601 mi.
3172 ft.

REX TIRE & SUPPLY, DIESEL
1728 KAAHUMANU AVE
KAHULUI, HI 96732

SHWS **S106820230**
N/A

Relative:
Lower

Actual:
212 ft.

SHWS:

Organization:	Rex Tire & Supply
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Rex Tire Diesel
Hid Number:	Not reported
Facility Registry Identifier:	110013778386
Lead Agency:	HEER
Program:	State
Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	No Hazard
Closure Document Title:	NFA Letter - Unrestricted Residential Use
Date Of Closure Document:	3/14/2006 1:15:13 AM

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KAHULUI	S106816558	BIRD BUILDERS	AMALA PL	96732	SHWS
KAHULUI	1001475719		AMALA PL	96732	CERC-NFRAP, SHWS
KAHULUI	1003879111		CENTRAL MAUI	96732	CERC-NFRAP
KAHULUI	S106820852	VECTOR CONTROL BRANCH, MAUI	54 HIGH ST, 641 MUA ST, KAHALE	96793	SHWS
KAHULUI	1006820577		HOBRON AVE	96732	FINDS, SHWS
KAHULUI	1012109956	KAHULUI TOWN TERRACE	170 HOOHANA ST	96732	FINDS
KAHULUI	S106817098	FONG CONSTRUCTION	HUKILIKI ST	96732	SHWS
KAHULUI	U001236710	ILIMA SHELL	137 KAAHUMANU AVE	96732	LUST, UST
KAHULUI	U001236816	PORT TOWN CHEVRON	109 KAAHUMANU AVE	96732	LUST, UST
KAHULUI	S104534290	MAUI PALMS HOTEL UST	150 KAAHUMANU AVE	96732	SHWS
KAHULUI	1006818999		310 E KAAHUMANU AVE	96732	FINDS, SHWS, SPILLS
KAHULUI	1006841969		OLD HALEAKALA HWY	96732	FINDS, LUST
KAHULUI	U001236769	DAVID PICO CESSPOOL DIGGING	OLD HALEAKALA HWY	96732	UST
KAHULUI	1006820345		W PAPA AVE	96732	FINDS, SHWS
KAHULUI	S106819004	MAUI MEAT COMPANY FACILITY (FORMER	601 2ND ST	96732	SHWS, SPILLS
KAHULUI	1006819647		WAIKAPU RD	96732	FINDS, SHWS
PAIA	S106819555	PAIA SUGAR MILL	BALDWIN AVE	96732	SHWS
WAILUKU	S109096050	MARK MILL34	1487TH & 1488 HONOAPIILANI HWY	96793	LUST
WAILUKU	U004120867	MARK MILL34	1487TH & 1488 HONOAPIILANI HWY	96793	UST
WAILUKU	1000244831		54 HIGH ST	96793	RCRA-NonGen
WAILUKU	S108859913	KALAMAULA LANDFILL	HOAWA RD	96793	SHWS, ENG CONTROLS
WAILUKU	1006842014		HONOAPIILANI HWY	96793	FINDS, LUST
WAILUKU	1006819707		MAHALANI ST	96793	FINDS, SHWS
WAILUKU	S110061657	MECO TRANSFORMER 3358	1540 E MAIN ST	96793	SHWS
WAILUKU	U003402951	BOARD OF WATER SUPPLY	MOKUHAU RENOVATION END OF MOKU	96793	UST
WAILUKU	S108008644	Y HATA- MAUI	200 WAIEHU BEACH RD	96793	SHWS
WAILUKU	S108859869	WAIMALUHIA MAUI METH / DRUG LAB AC	115 WAIMALUHIA	96793	SHWS, SPILLS
WAILUKU	1012178245	CLINICAL LABORATORIES OF HAWAII	1831 WILI PA LOOP	96793	RCRA-SQG

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/30/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites List

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills in the State of Hawaii

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2010
Date Data Arrived at EDR: 04/08/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 41

Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 33

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites
A listing of sites with engineering controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 404-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites
Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites
With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/23/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 28

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing
A listing of permitted drycleaner facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

AIRS: List of Permitted Facilities
A listing of permitted facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/14/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

KAHEKILI TERRACE
2015 HOLOWAI PLACE
WAILUKU, HI 96793

TARGET PROPERTY COORDINATES

Latitude (North):	20.89060 - 20° 53' 26.2"
Longitude (West):	156.5042 - 156° 30' 15.1"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	759639.8
UTM Y (Meters):	2311921.0
Elevation:	263 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	20156-H5 NAPILI, HI
Most Recent Revision:	Not reported
East Map:	20156-H4 KAHAKULOA, HI
Most Recent Revision:	Not reported

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

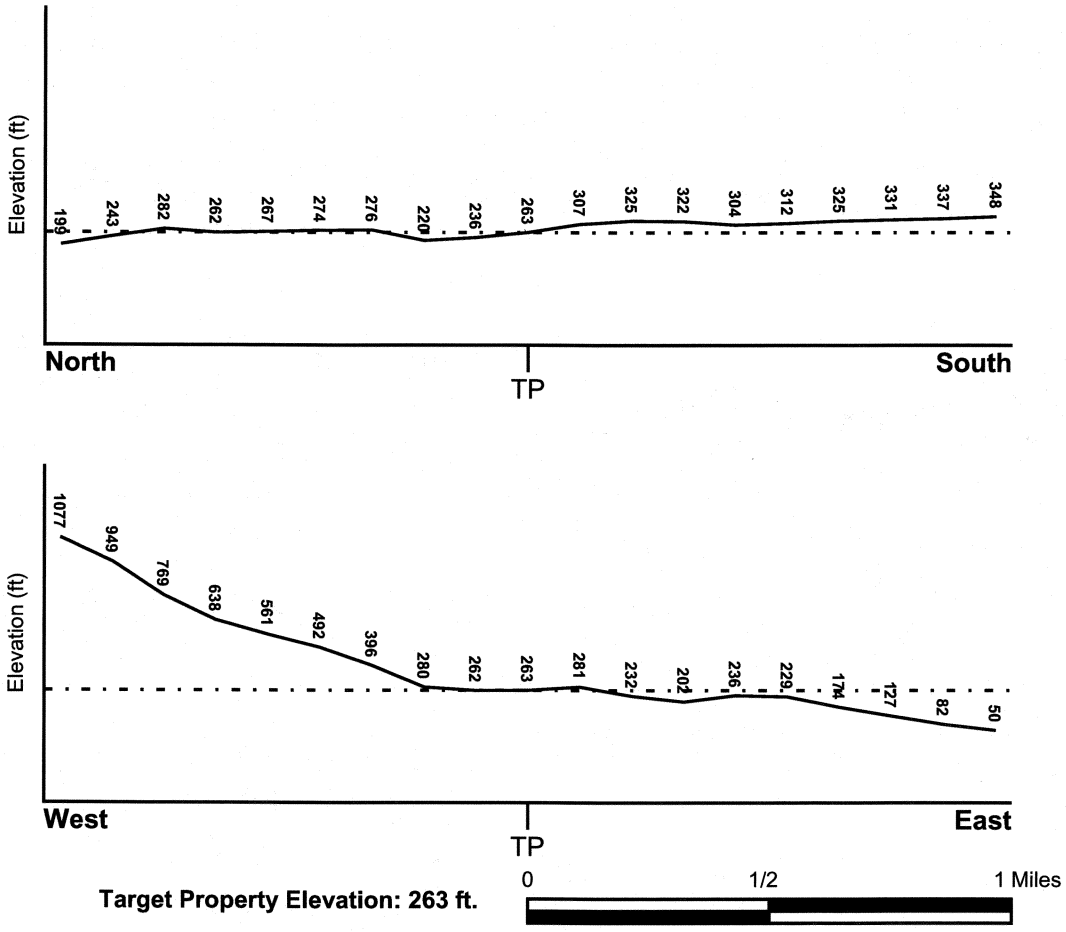
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
MAUI, HI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 1500030190D - FEMA Q3 Flood data

Additional Panels in search area: 1500030170B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

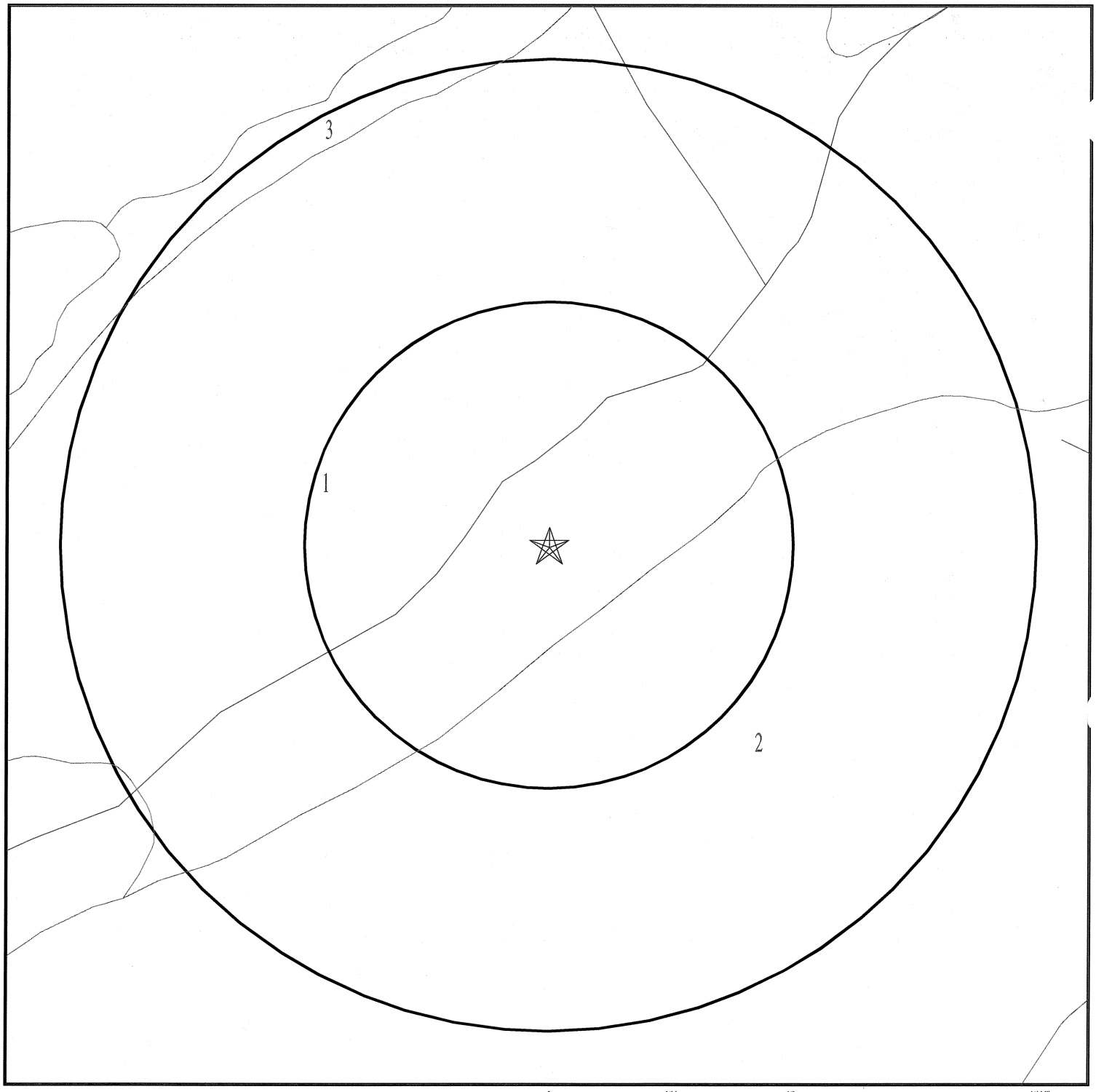
Era:	-
System:	-
Series:	-
Code:	N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2779851.7s



★ Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Kahekili Terrace	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	2015 Holowai Place Wailuku HI 96793	CONTACT:	Ronald A. Sato
LAT/LONG:	20.8906 / 156.5042	INQUIRY #:	2779851.7s
		DATE:	May 27, 2010 12:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: lao

Soil Surface Texture: cobbly silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	cobbly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14.11 Min: 1.41	Max: 7.3 Min: 6.6
2	14 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14.11 Min: 1.41	Max: 7.3 Min: 6.6
3	48 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14.11 Min: 1.41	Max: 7.3 Min: 6.6

Soil Map ID: 2

Soil Component Name: Wailuku

Soil Surface Texture: silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 4.23 Min: 0.42	Max: 6.5 Min: 5.6
2	11 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 4.23 Min: 0.42	Max: 6.5 Min: 5.6

Soil Map ID: 3

Soil Component Name: Stony alluvial land

Soil Surface Texture: extremely stony clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	extremely stony clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 42 Min: 14	Max: 7.3 Min: 6.6
2	9 inches	59 inches	bouldery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 42 Min: 14	Max: 7.3 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

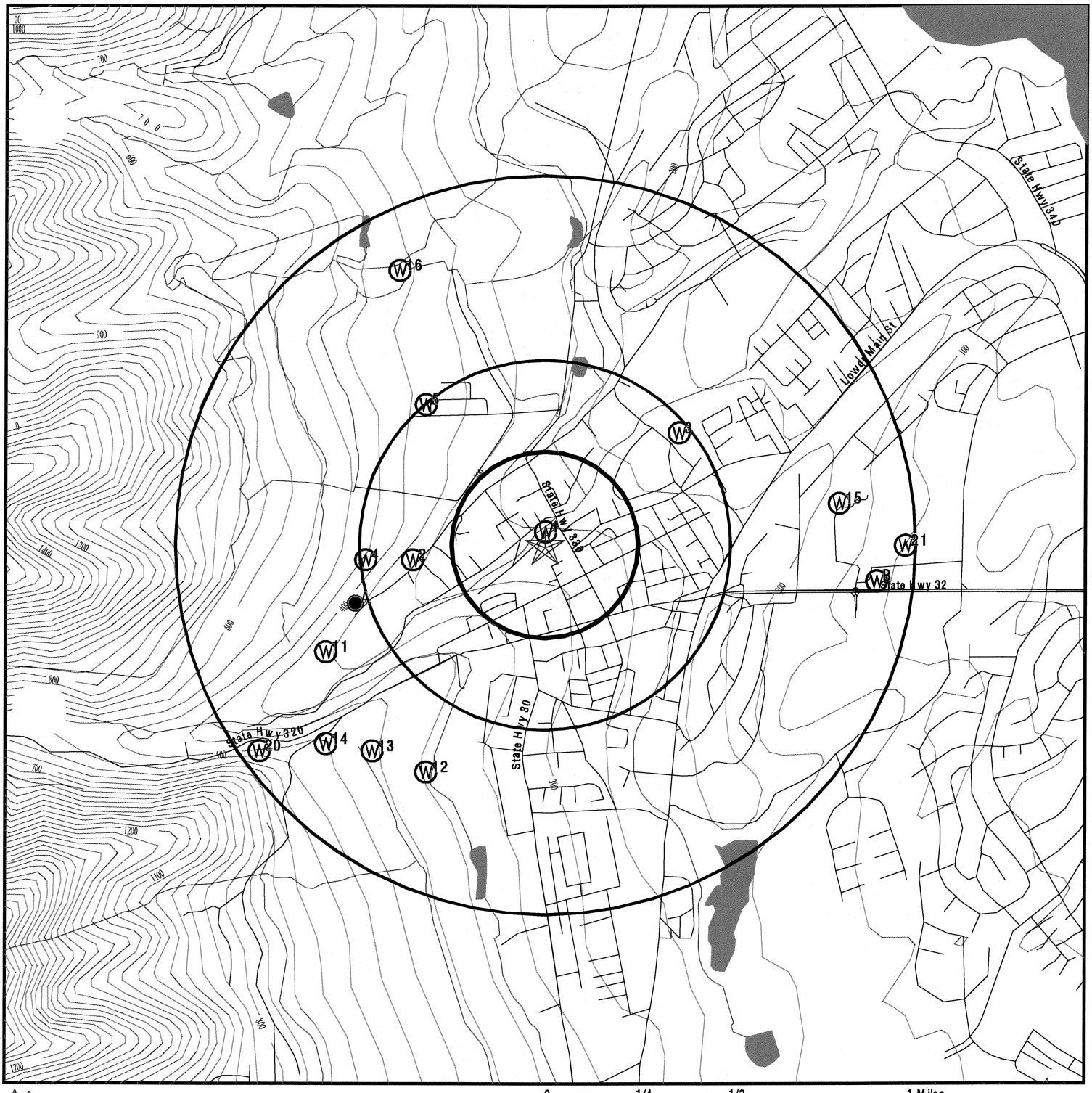
MAP ID	WELL ID	LOCATION FROM TP
A8	HI0000212	1/2 - 1 Mile WSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	HI5000000001417	0 - 1/8 Mile North
2	HI5000000001415	1/4 - 1/2 Mile West
3	HI5000000001429	1/4 - 1/2 Mile NE
4	HI5000000001414	1/4 - 1/2 Mile West
5	HI5000000001430	1/4 - 1/2 Mile NW
A6	HI5000000001403	1/2 - 1 Mile WSW
A7	HI5000000001401	1/2 - 1 Mile WSW
A9	HI5000000001397	1/2 - 1 Mile WSW
A10	HI5000000001398	1/2 - 1 Mile WSW
11	HI5000000001389	1/2 - 1 Mile WSW
12	HI5000000001329	1/2 - 1 Mile SSW
13	HI5000000001341	1/2 - 1 Mile SW
14	HI5000000001343	1/2 - 1 Mile SW
15	HI5000000001422	1/2 - 1 Mile East
16	HI5000000001450	1/2 - 1 Mile NNW
B17	HI5000000001406	1/2 - 1 Mile East
B18	HI5000000001407	1/2 - 1 Mile East
B19	HI5000000001408	1/2 - 1 Mile East
20	HI5000000001340	1/2 - 1 Mile SW
21	HI5000000001416	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 2779851.7s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: Kahekili Terrace ADDRESS: 2015 Holowai Place Wailuku HI 96793 LAT/LONG: 20.8906 / 156.5042	CLIENT: Helber , Hastert, and Fee Planners CONTACT: Ronald A. Sato INQUIRY #: 2779851.7s DATE: May 27, 2010 12:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **North** **0 - 1/8 Mile** **Lower**	**HI WELLS**	**HI5000000001417**

Wid:	6-5330-002	Island:	6
Well no:	5330-02	Well name:	Iao Tunnel
Old name:	Not Reported	Yr drilled:	1900
Driller:	Not Reported	Quad map:	05
Longitude2:	1563025	Latitude27:	205340
Longitude8:	1563015	Latitude83:	205328
Lat83d:	20	Lat83m:	53
Lat83s:	28	Lon83d:	156
Lon83m:	30	Lon83s:	15
Lat83dd:	20.89111		
Lon83dd:	-156.50417		
Long83dd:	-156.50417		
Lat83dd 1:	20.89111		
Gps:	0	Utm:	1
Owner user:	HC & S Co	Old number:	10-TU
Well type:	TUN	Casing dia:	Not Reported
Ground el:	240	Well depth:	Not Reported
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IRR - Irrigation (non-domestic, non-agriculture)		
Use year:	00		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	90
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	RA
Pump yr:	Not Reported	Draft yr:	42
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	0.2	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/02/1900
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001417

	Database	EDR ID Number
2 **West** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI5000000001415**

Wid:	6-5330-006	Island:	6
Well no:	5330-06	Well name:	Mokuhau TH 1
Old name:	Not Reported	Yr drilled:	1950
Driller:	E MAUI IRRIG	Quad map:	05
Longitude2:	1563045	Latitude27:	205336
Longitude8:	1563035	Latitude83:	205324
Lat83d:	20	Lat83m:	53
Lat83s:	24	Lon83d:	156
Lon83m:	30	Lon83s:	35
Lat83dd:	20.89		
Lon83dd:	-156.50972		
Long83dd:	-156.50972		
Lat83dd 1:	20.89		
Gps:	0	Utm:	1
Owner user:	Maui DWS	Old number:	15-C TH
Well type:	ROT	Casing dia:	1
Ground el:	310	Well depth:	431
Solid case:	391	Perf case:	431
Use:	OBS - Observation		
Use year:	74		
Init water:	27.3		
Init head:	27.3		
Init chlor:	280	Init cl:	280.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-121
Bot solid:	-81	Bot perf:	-121
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1950
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001415

3
NE
1/4 - 1/2 Mile
Lower

HI WELLS **HI5000000001429**

Wid:	6-5330-004	Island:	6
Well no:	5330-04	Well name:	Wailuku Mill TH
Old name:	Not Reported	Yr drilled:	1945
Driller:	MULLIN	Quad map:	05
Longitude2:	1563005	Latitude27:	205354
Longitude8:	1562955	Latitude83:	205342
Lat83d:	20	Lat83m:	53
Lat83s:	42	Lon83d:	156
Lon83m:	29	Lon83s:	55
Lat83dd:	20.895		

Lon83dd:	-156.49861		
Long83dd:	-156.49861		
Lat83dd 1:	20.895		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	113-TH
Well type:	ROT	Casing dia:	1
Ground el:	180	Well depth:	705
Solid case:	663	Perf case:	705
Use:	OBS - Observation		
Use year:	45		
Init water:	16.4		
Init head:	16.4		
Init chlor:	22	Init cl:	22.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	16.4	Max chlor:	135
Min chlor:	25	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	56	Maxchl:	1/1/1953
Maxchl yr:	53	Minchl:	1/1/1956
Minchl yr:	56	Bot hole:	-525
Bot solid:	-483	Bot perf:	-525
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	16.40000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1945
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001429

4
West
1/4 - 1/2 Mile
Higher

HI WELLS **HI5000000001414**

Wid:	6-5330-007	Island:	6
Well no:	5330-07	Well name:	Mokuhau TH 2
Old name:	Not Reported	Yr drilled:	1951
Driller:	E MAUI IRRIG	Quad map:	05
Longitude2:	1563052	Latitude27:	205336
Longitude8:	1563042	Latitude83:	205324
Lat83d:	20	Lat83m:	53
Lat83s:	24	Lon83d:	156
Lon83m:	30	Lon83s:	42
Lat83dd:	20.89		
Lon83dd:	-156.51167		
Long83dd:	-156.51167		
Lat83dd 1:	20.89		
Gps:	0	Utm:	1
Owner user:	Maui DWS	Old number:	15-D TH
Well type:	ROT	Casing dia:	1
Ground el:	484	Well depth:	585
Solid case:	549	Perf case:	570
Use:	OBS - Observation		
Use year:	Not Reported		
Init water:	23.7		

Init head:	23.7		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-101
Bot solid:	-65	Bot perf:	-86
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1951
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001414

5
NW
1/4 - 1/2 Mile
Higher

HI WELLS **HI5000000001430**

Wid:	6-5330-012	Island:	6
Well no:	5330-12	Well name:	Puuohala TH-C
Old name:	Not Reported	Yr drilled:	1975
Driller:	CONTINENTAL	Quad map:	05
Longitude2:	1563043	Latitude27:	205358
Longitude8:	1563033	Latitude83:	205346
Lat83d:	20	Lat83m:	53
Lat83s:	46	Lon83d:	156
Lon83m:	30	Lon83s:	33
Lat83dd:	20.89611		
Lon83dd:	-156.50917		
Long83dd:	-156.50917		
Lat83dd 1:	20.89611		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	1
Ground el:	398	Well depth:	610
Solid case:	400	Perf case:	610
Use:	UNU - Unused		
Use year:	Not Reported		
Init water:	16.7		
Init head:	16.7		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported

Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-212
Bot solid:	-2	Bot perf:	-212
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	08/12/1975
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001430

A6
WSW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001403**

Wid:	6-5330-008	Island:	6
Well no:	5330-08	Well name:	Mokuhau TH 3
Old name:	Not Reported	Yr drilled:	1952
Driller:	E MAUI IRRIG	Quad map:	05
Longitude2:	1563053	Latitude27:	205331
Longitude8:	1563043	Latitude83:	205319
Lat83d:	20	Lat83m:	53
Lat83s:	19	Lon83d:	156
Lon83m:	30	Lon83s:	43
Lat83dd:	20.88861		
Lon83dd:	-156.51194		
Long83dd:	-156.51194		
Lat83dd 1:	20.88861		
Gps:	0	Utm:	1
Owner user:	Maui DWS	Old number:	15-E TH
Well type:	ROT	Casing dia:	1
Ground el:	364	Well depth:	466
Solid case:	364	Perf case:	Not Reported
Use:	OBS - Observation		
Use year:	Not Reported		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-102
Bot solid:	0	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1952
Pir:	Not Reported	Surveyor:	Not Reported

T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001403

A7
WSW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001401**

Wid:	6-5330-011	Island:	6
Well no:	5330-11	Well name:	Mokuhau 3
Old name:	Not Reported	Yr drilled:	1967
Driller:	LAYNE INTL	Quad map:	05
Longitude2:	1563053	Latitude27:	205329
Longitude8:	1563043	Latitude83:	205318
Lat83d:	20	Lat83m:	53
Lat83s:	18	Lon83d:	156
Lon83m:	30	Lon83s:	43
Lat83dd:	20.88833		
Lon83dd:	-156.51194		
Long83dd:	-156.51194		
Lat83dd 1:	20.88833		
Gps:	1	Utm:	0
Owner user:	Maui DWS	Old number:	15-F
Well type:	ROT	Casing dia:	18
Ground el:	354	Well depth:	605
Solid case:	Not Reported	Perf case:	Not Reported
Use:	MUN - County		
Use year:	72		
Init water:	Not Reported		
Init head:	0		
Init chlor:	30	Init cl:	30.00000
Test date:	Not Reported	Test gpm:	4584
Test ddown:	13.4	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	4250.00000	Draft mgy:	1240
Head feet:	Not Reported	Max chlor:	130
Min chlor:	30	Geology:	TW
Pump yr:	97	Draft yr:	76
Head yr:	Not Reported	Maxchl:	1/1/1978
Maxchl yr:	78	Minchl:	########
Minchl yr:	78	Bot hole:	-251
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	342	Pump mgd:	6.120
Draft mgd:	3.4	Aquifer:	60102
Tmk:	3-3-002:024	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1967
Pir:	########	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	-7
Pump depth:	361	Site id:	HI5000000001401

A8
WSW
1/2 - 1 Mile
Higher

FRDS PWS **HI0000212**

PWS ID: HI0000212
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: DWS WAILUKU
WAILUKU, MAUI, HI 96793

Addressee / Facility: System Owner/Responsible Party
MR. DAVID CRADDOCK, DIRECTOR
DEPARTMENT OF WATER SUPPLY
P.O. BOX 1109
WAILUKU, HI 96793

Addressee / Facility: Laboratory
MS. CARI CERIZO
DEPARTMENT OF WATER SUPPLY
614 PALAPALA DRIVE
KAHULUI, MAUI, HI 96732

Facility Latitude:	20 53 12.0000	Facility Longitude:	156 32 14.0000
Facility Latitude:	20 53 29.0000	Facility Longitude:	156 30 55.0000
Facility Latitude:	20 54 40.0000	Facility Longitude:	156 31 1.0000
Facility Latitude:	20 54 40.0000	Facility Longitude:	156 31 2.0000
Facility Latitude:	20 54 44.0000	Facility Longitude:	156 31 4.0000
Facility Latitude:	20 54 32.0000	Facility Longitude:	156 30 44.0000
Facility Latitude:	20 54 30.0000	Facility Longitude:	156 30 44.0000
Facility Latitude:	20 53 9.0000	Facility Longitude:	156 32 30.0000
Facility Latitude:	20 53 30.0000	Facility Longitude:	156 30 54.0000
City Served:	WAILUKU		
Treatment Class:	Treated	Population:	41691

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10101	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10101	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10101	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/19/2000 0:00:00
Enf action:	State Public Notif Issued		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10201	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Acute (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10201	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Acute (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10201	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Acute (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/19/2000 0:00:00
Enf action:	State Public Notif Issued		
Violmeasur:	Not Reported		

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10101		
Enforcement Date:	10/16/00	Enf. Action:	State Public Notif Requested

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10101		
Enforcement Date:	10/16/00	Enf. Action:	State Violation/Reminder Notice

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10101		
Enforcement Date:	10/19/2000 0:00:00	Enf. Action:	State Public Notif Issued

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10101		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10101		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10101		
Enforcement Date:	10/19/00	Enf. Action:	State Public Notif Issued
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10201		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10201		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10201		
Enforcement Date:	10/19/2000 0:00:00	Enf. Action:	State Public Notif Issued
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10201		
Enforcement Date:	10/16/00	Enf. Action:	State Public Notif Requested
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10201		
Enforcement Date:	10/16/00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10201		
Enforcement Date:	10/19/00	Enf. Action:	State Public Notif Issued

CONTACT INFORMATION:

Name:	WAILUKU	Population:	52200
Contact:	ENG, JEFFREY	Phone:	808-270-7816
Address:	Department of Water Supply		
Address 2:	200 South High Street WAILUKU, HI 96793		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
HI WELLS	**HI5000000001397**

A9
WSW
1/2 - 1 Mile
Higher

Wid:	6-5330-009	Island:	6
Well no:	5330-09	Well name:	Mokuhau 1
Old name:	Not Reported	Yr drilled:	1953
Driller:	SAMSON-SMOCK	Quad map:	05
Longitude2:	1563054	Latitude27:	205328
Longitude8:	1563044	Latitude83:	205317
Lat83d:	20	Lat83m:	53
Lat83s:	17	Lon83d:	156
Lon83m:	30	Lon83s:	44
Lat83dd:	20.88806		
Lon83dd:	-156.51222		
Long83dd:	-156.51222		
Lat83dd 1:	20.88806		
Gps:	1	Utm:	0
Owner user:	Maui DWS	Old number:	15-A
Well type:	PER	Casing dia:	18
Ground el:	353	Well depth:	600
Solid case:	411	Perf case:	Not Reported
Use:	MUN - County		
Use year:	72		
Init water:	23.3		
Init head:	23.3		
Init chlor:	16	Init cl:	16.00000
Test date:	Not Reported	Test gpm:	4584
Test ddown:	2.3	Test chlor:	15
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	2800.00000	Draft mgy:	972
Head feet:	23.0	Max chlor:	129
Min chlor:	46	Geology:	TW
Pump yr:	Not Reported	Draft yr:	76
Head yr:	53	Maxchl:	1/1/1978
Maxchl yr:	78	Minchl:	1/1/1978
Minchl yr:	78	Bot hole:	-247
Bot solid:	-58	Bot perf:	Not Reported
Spec capac:	1993	Pump mgd:	4.000
Draft mgd:	2.7	Aquifer:	60102
Tmk:	3-3-002:024	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	23.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1953
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001397

A10
WSW
1/2 - 1 Mile
Higher

Database	EDR ID Number
HI WELLS	**HI5000000001398**

Wid:	6-5330-010	Island:	6
Well no:	5330-10	Well name:	Mokuhau 2
Old name:	Not Reported	Yr drilled:	1953
Driller:	SAMSON-SMOCK	Quad map:	05
Longitude2:	1563054	Latitude27:	205329
Longitude8:	1563044	Latitude83:	205317
Lat83d:	20	Lat83m:	53
Lat83s:	17	Lon83d:	156
Lon83m:	30	Lon83s:	44
Lat83dd:	20.88806		
Lon83dd:	-156.51222		
Long83dd:	-156.51222		
Lat83dd 1:	20.88806		
Gps:	1	Utm:	0
Owner user:	Maui DWS	Old number:	15-B
Well type:	Not Reported	Casing dia:	18
Ground el:	353	Well depth:	600
Solid case:	422	Perf case:	Not Reported
Use:	MUN - County		
Use year:	72		
Init water:	21.5		
Init head:	21.5		
Init chlor:	16	Init cl:	16.00000
Test date:	Not Reported	Test gpm:	4584
Test ddown:	2.4	Test chlor:	15
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	2800.00000	Draft mgy:	354
Head feet:	21.0	Max chlor:	420
Min chlor:	16	Geology:	TW
Pump yr:	Not Reported	Draft yr:	76
Head yr:	53	Maxchl:	1/1/1953
Maxchl yr:	0	Minchl:	7/1/1995
Minchl yr:	0	Bot hole:	-247
Bot solid:	-69	Bot perf:	Not Reported
Spec capac:	1910	Pump mgd:	4.000
Draft mgd:	1.0	Aquifer:	60102
Tmk:	3-3-002:024	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	21.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1953
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001398

11
WSW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001389**

Wid:	6-5330-001	Island:	6
Well no:	5330-01	Well name:	Iao Tunnel
Old name:	Not Reported	Yr drilled:	1900
Driller:	Not Reported	Quad map:	05
Longitude2:	1563058	Latitude27:	205323
Longitude8:	1563048	Latitude83:	205311
Lat83d:	20	Lat83m:	53
Lat83s:	11	Lon83d:	156
Lon83m:	30	Lon83s:	48
Lat83dd:	20.88639		

Lon83dd:	-156.51333		
Long83dd:	-156.51333		
Lat83dd 1:	20.88639		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	9-TU
Well type:	TUN	Casing dia:	Not Reported
Ground el:	440	Well depth:	Not Reported
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IRR - Irrigation (non-domestic, non-agriculture)		
Use year:	00		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	50
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	RA
Pump yr:	Not Reported	Draft yr:	42
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	0.1	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/02/1900
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001389

12
SSW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001329**

Wid:	6-5330-005	Island:	6
Well no:	5330-05	Well name:	Wailuku Shaft 33
Old name:	Not Reported	Yr drilled:	1946
Driller:	Not Reported	Quad map:	05
Longitude2:	1563043	Latitude27:	205306
Longitude8:	1563033	Latitude83:	205254
Lat83d:	20	Lat83m:	52
Lat83s:	54	Lon83d:	156
Lon83m:	30	Lon83s:	33
Lat83dd:	20.88167		
Lon83dd:	-156.50917		
Long83dd:	-156.50917		
Lat83dd 1:	20.88167		
Gps:	1	Utm:	0
Owner user:	Kehalani Mauka LLC	Old number:	33-SH
Well type:	SHF	Casing dia:	84
Ground el:	400	Well depth:	Not Reported
Solid case:	Not Reported	Perf case:	Not Reported
Use:	MUN - County		
Use year:	75		
Init water:	26.0		

Init head:	26		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	3368
Test ddown:	Not Reported	Test chlor:	115
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	15228.00000	Draft mgy:	2323
Head feet:	26.0	Max chlor:	58
Min chlor:	34	Geology:	TW
Pump yr:	73	Draft yr:	Not Reported
Head yr:	73	Maxchl:	########
Maxchl yr:	95	Minchl:	1/1/1975
Minchl yr:	95	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	21.75
Draft mgd:	6.4	Aquifer:	60102
Tmk:	3-5-001:001	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	26.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1946
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001329

13
SW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001341**

Wid:	6-5330-003	Island:	6
Well no:	5330-03	Well name:	Field 63
Old name:	Not Reported	Yr drilled:	1945
Driller:	MULLIN	Quad map:	05
Longitude2:	1563051	Latitude27:	205309
Longitude8:	1563041	Latitude83:	205257
Lat83d:	20	Lat83m:	52
Lat83s:	57	Lon83d:	156
Lon83m:	30	Lon83s:	41
Lat83dd:	20.8825		
Lon83dd:	-156.51139		
Long83dd:	-156.51139		
Lat83dd 1:	20.8825		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	112-TH
Well type:	ROT	Casing dia:	1
Ground el:	457	Well depth:	477
Solid case:	Not Reported	Perf case:	Not Reported
Use:	OBS - Observation		
Use year:	45		
Init water:	30.6		
Init head:	30.6		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	2.5	Test chlor:	15
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported

Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-20
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1945
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001341

14
SW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001343**

Wid:	6-5230-003	Island:	6
Well no:	5230-03	Well name:	Iao Tank Site
Old name:	Not Reported	Yr drilled:	2005
Driller:	Not Reported	Quad map:	05
Longitude2:	1563058	Latitude27:	205309
Longitude8:	1563048	Latitude83:	205258
Lat83d:	20	Lat83m:	52
Lat83s:	58	Lon83d:	156
Lon83m:	30	Lon83s:	48
Lat83dd:	20.88278		
Lon83dd:	-156.51333		
Long83dd:	-156.51333		
Lat83dd 1:	20.88278		
Gps:	1	Utm:	0
Owner user:	Maui DWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	20
Ground el:	506	Well depth:	608
Solid case:	500	Perf case:	608
Use:	MUN - County		
Use year:	07		
Init water:	Not Reported		
Init head:	8.63		
Init chlor:	Not Reported	Init cl:	20.00000
Test date:	########	Test gpm:	1400
Test ddown:	3.1	Test chlor:	25
Test temp:	70.3	Temp unit:	F
Pump gpm:	0.00000	Draft mgy:	Not Reported
Head feet:	8.67	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-102
Bot solid:	6	Bot perf:	-102
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	3-5-001:021	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	06/27/2006
Pir:	Not Reported	Surveyor:	Not Reported

T:	100000.00000	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001343

15
East
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001422**

Wid:	6-5329-017	Island:	6
Well no:	5329-17	Well name:	Wailuku Arm
Old name:	Not Reported	Yr drilled:	1969
Driller:	ROSCOE MOSS	Quad map:	05
Longitude2:	1562941	Latitude27:	205344
Longitude8:	1562931	Latitude83:	205332
Lat83d:	20	Lat83m:	53
Lat83s:	32	Lon83d:	156
Lon83m:	29	Lon83s:	31
Lat83dd:	20.89222		
Lon83dd:	-156.49194		
Long83dd:	-156.49194		
Lat83dd 1:	20.89222		
Gps:	0	Utm:	1
Owner user:	U S Army	Old number:	Not Reported
Well type:	PER	Casing dia:	8
Ground el:	180	Well depth:	122
Solid case:	102	Perf case:	Not Reported
Use:	UNU - Unused		
Use year:	69		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	Not Reported
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	58
Bot solid:	78	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	04/04/1969
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001422

16
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001450**

Wid:	6-5430-003	Island:	6
Well no:	5430-03	Well name:	Waiehu TH-E
Old name:	Not Reported	Yr drilled:	1976
Driller:	CONTINENTAL	Quad map:	05
Longitude2:	1563047	Latitude27:	205417
Longitude8:	1563037	Latitude83:	205405
Lat83d:	20	Lat83m:	54
Lat83s:	05	Lon83d:	156
Lon83m:	30	Lon83s:	37
Lat83dd:	20.90139		
Lon83dd:	-156.51028		
Long83dd:	-156.51028		
Lat83dd 1:	20.90139		
Gps:	1	Utm:	0
Owner user:	Wailuku Agribusiness Co., Inc.	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	3
Ground el:	415	Well depth:	580
Solid case:	Not Reported	Perf case:	Not Reported
Use:	OBS - Observation		
Use year:	Not Reported		
Init water:	14.4		
Init head:	14.4		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-165
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-3-002:001	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1976
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001450

B17
East
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001406**

Wid:	6-5329-006	Island:	6
Well no:	5329-06	Well name:	Baldwin High TH
Old name:	Not Reported	Yr drilled:	1939
Driller:	JM HEIZER	Quad map:	05
Longitude2:	1562937	Latitude27:	205333
Longitude8:	1562927	Latitude83:	205321
Lat83d:	20	Lat83m:	53
Lat83s:	21	Lon83d:	156
Lon83m:	29	Lon83s:	27
Lat83dd:	20.88917		

Lon83dd:	-156.49083		
Long83dd:	-156.49083		
Lat83dd 1:	20.88917		
Gps:	0	Utm:	1
Owner user:	Maui County	Old number:	105-TH
Well type:	ROT	Casing dia:	1
Ground el:	120	Well depth:	131
Solid case:	131	Perf case:	Not Reported
Use:	UNU - Unused		
Use year:	71		
Init water:	5.9		
Init head:	5.9		
Init chlor:	152	Init cl:	152.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	5.9	Max chlor:	167
Min chlor:	91	Geology:	THO
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	39	Maxchl:	1/1/1939
Maxchl yr:	39	Minchl:	1/1/1939
Minchl yr:	39	Bot hole:	-11
Bot solid:	-11	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	5.90000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1939
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001406

B18
East
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001407**

Wid:	6-5329-005	Island:	6
Well no:	5329-05	Well name:	Baldwin High Sch
Old name:	Not Reported	Yr drilled:	1971
Driller:	Not Reported	Quad map:	05
Longitude2:	1562936	Latitude27:	205333
Longitude8:	1562926	Latitude83:	205321
Lat83d:	20	Lat83m:	53
Lat83s:	21	Lon83d:	156
Lon83m:	29	Lon83s:	26
Lat83dd:	20.88917		
Lon83dd:	-156.49056		
Long83dd:	-156.49056		
Lat83dd 1:	20.88917		
Gps:	0	Utm:	1
Owner user:	Maui Pks & Rec	Old number:	19-B
Well type:	Not Reported	Casing dia:	Not Reported
Ground el:	120	Well depth:	Not Reported
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IRR - Schools		
Use year:	71		
Init water:	Not Reported		

Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	280.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	THO
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-8-007:055	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1962
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001407

B19
East
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001408**

Wid:	6-5329-004	Island:	6
Well no:	5329-04	Well name:	War Memorial Stadium
Old name:	Not Reported	Yr drilled:	1971
Driller:	PAUL SMITH	Quad map:	05
Longitude2:	1562933	Latitude27:	205333
Longitude8:	1562923	Latitude83:	205321
Lat83d:	20	Lat83m:	53
Lat83s:	21	Lon83d:	156
Lon83m:	29	Lon83s:	23
Lat83dd:	20.88917		
Lon83dd:	-156.48972		
Long83dd:	-156.48972		
Lat83dd 1:	20.88917		
Gps:	0	Utm:	1
Owner user:	Maui Parks & Rec	Old number:	Not Reported
Well type:	ROT	Casing dia:	8
Ground el:	80	Well depth:	110
Solid case:	Not Reported	Perf case:	Not Reported
Use:	UNU - Unused		
Use year:	Not Reported		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	250.00000	Draft mgy:	44
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	THO
Pump yr:	Not Reported	Draft yr:	71
Head yr:	Not Reported	Maxchl:	Not Reported

Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-30
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.360
Draft mgd:	0.1	Aquifer:	60102
Tmk:	3-8-007:055	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1962
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001408

20
SW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001340**

Wid:	6-5331-001	Island:	6
Well no:	5331-01	Well name:	Iao Valley TH
Old name:	Not Reported	Yr drilled:	1940
Driller:	JV CREWS	Quad map:	05
Longitude2:	1563108	Latitude27:	205309
Longitude8:	1563058	Latitude83:	205257
Lat83d:	20	Lat83m:	52
Lat83s:	57	Lon83d:	156
Lon83m:	30	Lon83s:	58
Lat83dd:	20.8825		
Lon83dd:	-156.51611		
Long83dd:	-156.51611		
Lat83dd 1:	20.8825		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	1
Ground el:	454	Well depth:	475
Solid case:	465	Perf case:	Not Reported
Use:	OBS - Observation		
Use year:	Not Reported		
Init water:	32.9		
Init head:	32.9		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	33.0	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	40	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-21
Bot solid:	-11	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	33.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1940
Pir:	Not Reported	Surveyor:	Not Reported

T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001340

21
East
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001416**

Wid:	6-5329-014	Island:	6
Well no:	5329-14	Well name:	Maui Stadium
Old name:	Not Reported	Yr drilled:	1970
Driller:	OCEAN VIEW	Quad map:	05
Longitude2:	1562931	Latitude27:	205338
Longitude8:	1562921	Latitude83:	205326
Lat83d:	20	Lat83m:	53
Lat83s:	26	Lon83d:	156
Lon83m:	29	Lon83s:	21
Lat83dd:	20.89056		
Lon83dd:	-156.48917		
Long83dd:	-156.48917		
Lat83dd 1:	20.89056		
Gps:	0	Utm:	1
Owner user:	Maui Pks & Rec	Old number:	17-1
Well type:	ROT	Casing dia:	Not Reported
Ground el:	120	Well depth:	128
Solid case:	106	Perf case:	Not Reported
Use:	IRR - Parks		
Use year:	71		
Init water:	Not Reported		
Init head:	0		
Init chlor:	285	Init cl:	285.00000
Test date:	Not Reported	Test gpm:	300
Test ddown:	Not Reported	Test chlor:	74
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	200.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	THO
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-8
Bot solid:	14	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.288
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1970
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001416

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MAUI County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96793

Number of sites tested: 11

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.291 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database
Source: Department of Land and Natural Resources
Telephone: 808-587-0214
CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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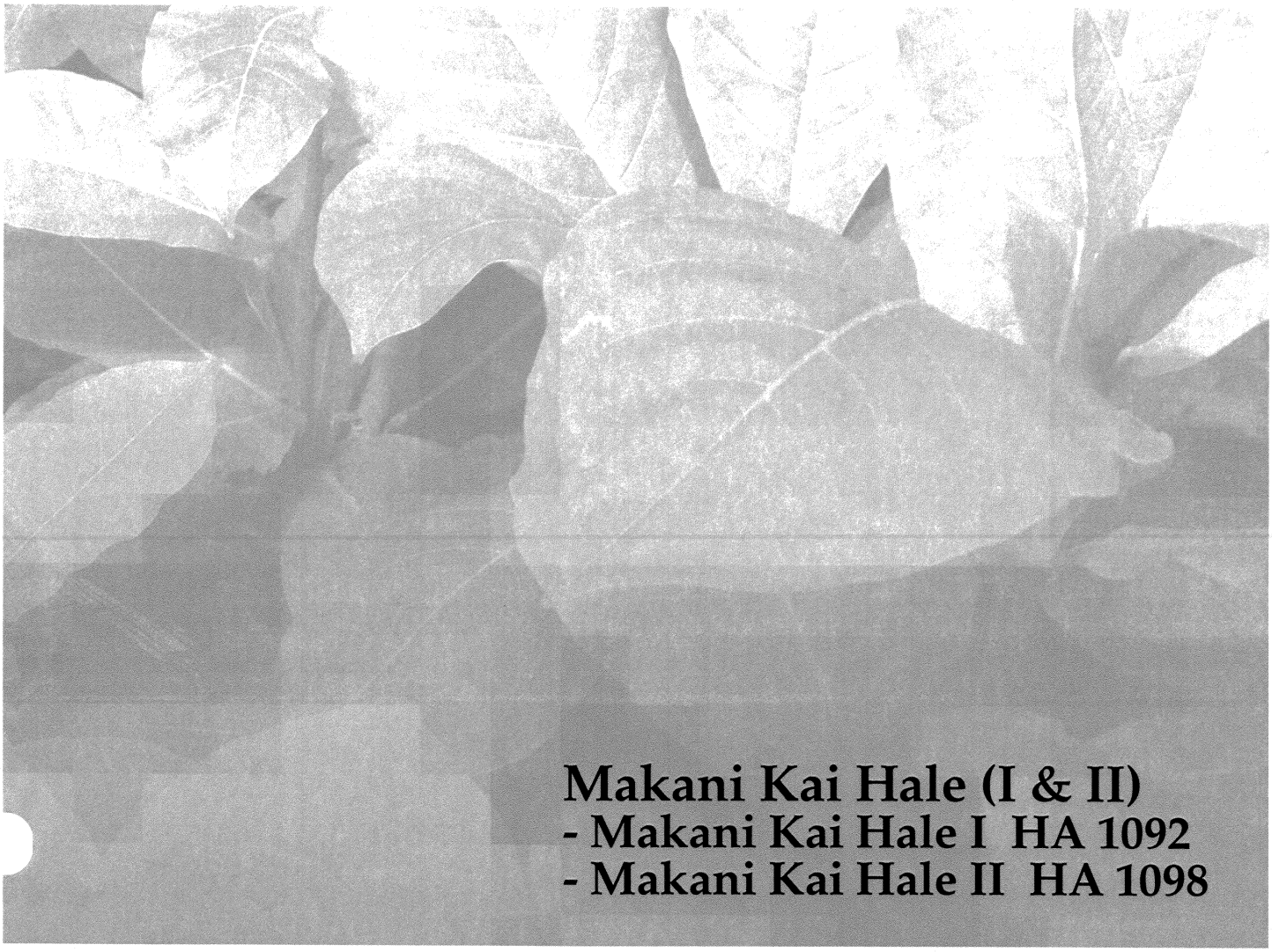
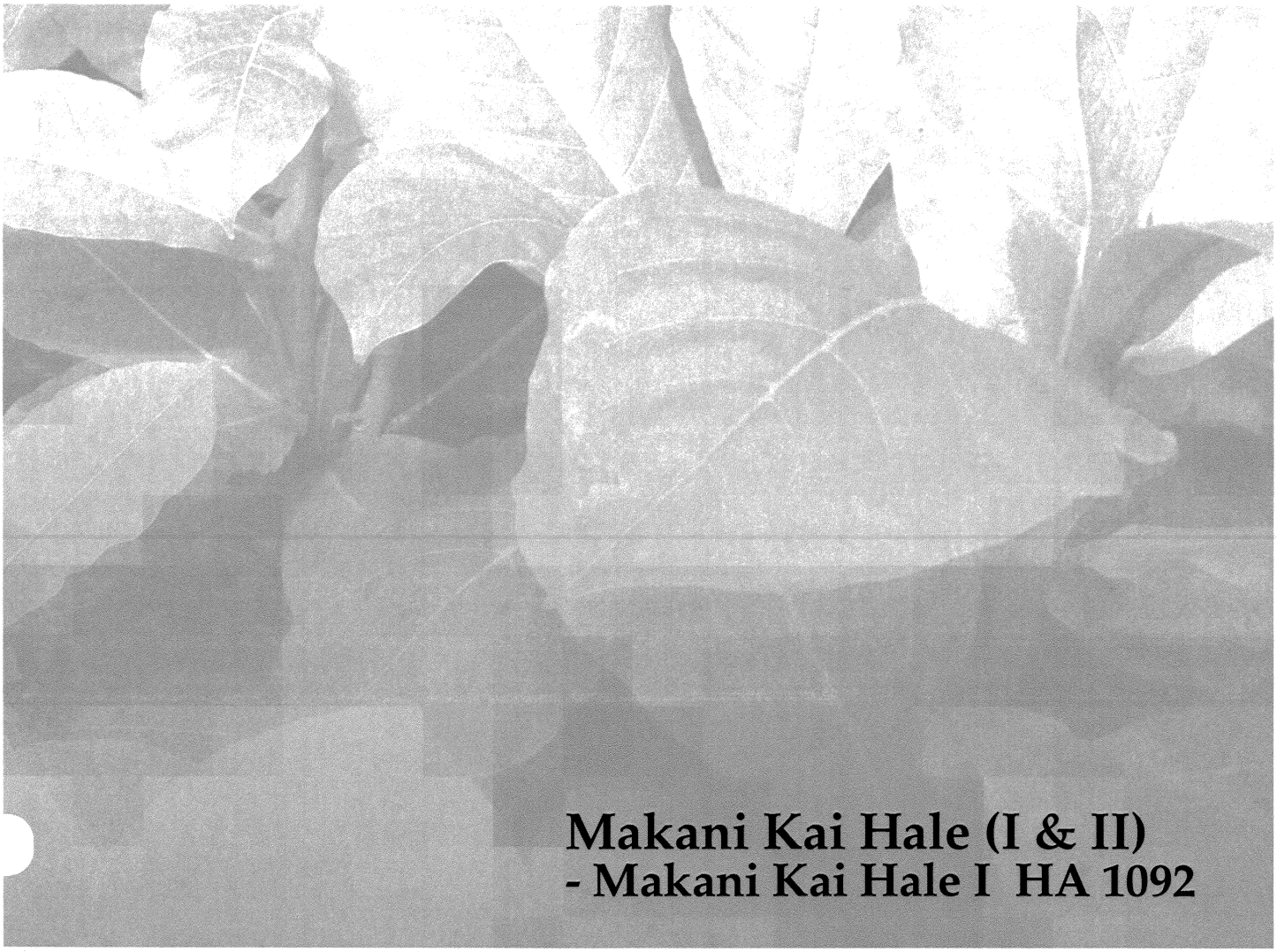
Makani Kai Hale (I & II)
- Makani Kai Hale I HA 1092
- Makani Kai Hale II HA 1098



Makani Kai Hale (I & II)
- Makani Kai Hale I HA 1092
- Makani Kai Hale II HA 1098



Makani Kai Hale (I & II)
- Makani Kai Hale I HA 1092

Certification of Categorical Exclusion (subject to 58.5)

Determination of activities listed at 24 CFR 58.35(a)
May be subject to provisions of Sec 58.6, as applicable

Grant Recipient: HPHA Project Name: Makani Kai Hale I
Project Description (Include all actions which are either geographically or functionally related):

Improvements may involve the following:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 35 Koapaka Lane, Waiehu, Maui 96793
Funding Source: CDBG HOME ESG HOPWA EDI (Capital Fund) Operating Subsidy Hope VI (Other)
Funding Amount: _____ Grant Number: _____

I hereby certify that the abovementioned project has been reviewed and determined to be a Categorically Excluded activity (subject to 58.5) per 24 CFR 58.35(a) as follows:

	1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets);
	2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
	3. Rehabilitation of buildings and improvements when the following conditions are met: i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland; ii. In the case of multifamily residential buildings: (A) Unit density is not changed more than 20 percent; (B) The project does not involve changes in land use from residential to non-residential; and (C) The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation. iii. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.
	4. (i) An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between; or (ii) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site. (iii) Paragraphs (a)(4)(i) and (ii) of this section do not apply to rehabilitation of a building for residential use (with one to four units) (see paragraph (a)(3)(i) of this section).

	5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.
X	6. Combinations of the above activities.

The responsible entity must also complete and attach a **Statutory Checklist**. By signing below the Responsible Entity certifies in writing that each activity or project is Categorically Excluded (subject to 58.5) and meets the conditions specified for such exemption under section 24 CFR 58.35(a). Please keep a copy of this determination in your project files.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

Compliance Documentation Checklist
24 CFR 58.6

Project Name: Makani Kai Hale I

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 35 Koapaka Lane, Waiehu, Maui 96793

Level of Environmental Review Determination: Categorically Excluded subject to statutes per § 58.35(a)
(Select One: Exempt per 24 CFR 58.34, or Categorically Excluded not subject to statutes per § 58.35(b), or Categorically Excluded subject to statutes per § 58.35(a), or Environmental Assessment per § 58.36, or EIS per 40 CFR 1500)

STATUTES and REGULATIONS listed at 24 CFR 58.6

FLOOD DISASTER PROTECTION ACT

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard?

(X) No; Cite Source Document: Flood Insurance Rate Map Panel 1500030383E
( ) Yes; Source Document: _____

2. Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

(X) Yes (Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration must be kept on file).
( ) No **(Federal assistance may not be used in the Special Flood Hazards Area).**

COASTAL BARRIERS RESOURCES ACT

1. Is the project located in a coastal barrier resource area?

(X) No; Hawai'i has no coastal barriers (http://www.fws.gov/habitatconservation/coastal_barrier.html).
( ) Yes **(Federal assistance may not be used in such an area).**

AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES DISCLOSURES

1. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

(X) No; Source Documentation: Kahului Airport Master Plan (1993)

Project complies with 24 CFR 51.303(a)(3).

( ) Yes; **Disclosure statement must be provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

STATUTORY CHECKLIST

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS

Grant Recipient: HPHA Project Name: Makani Kai Hale I

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 35 Koapaka Lane, Waiehu, Maui 96793

This project is determined to be categorically excluded according to: [Cite section(s)]: § 58.35(a)

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	**Compliance Documentation**
I. Historic Preservation [36 CFR Part 800]	X				Printed-State and National Registers of Historic Places Field-Site Visit
II. Floodplain Management [24 CFR 55, Executive Order 11988]	X				Printed-Flood Insurance Rate Map Pannel Number 1500030383E Field-Site Visit
III. Wetland Protection [Executive Order 11990]	X				Printed-State of Hawai'i Wetlands GIS data (September 2009) Field-Site Visit

IV. Coastal Zone Management Act [16 USC 1451,Sections 307(c), (d)]	X				Contact – State Office of Planning, DBED&T Experience-Previous correspondence with Office of Planning
V. Safe Drinking Water Act (42 USC 201, 300(f) & 21 U.S.C. 349)	X				Printed-42 USC 201, 300(f) & 21 U.S.C. 349 Field-Site Visit
VI. Sole Source Aquifers [40 CFR Part 149]	X				Printed-MOU between HUD & EPA, Region IX, (4/30/1990)
VII. Endangered Species Act [50 CFR Part 402]				X	Contact-US Fish and Wildlife Service
VIII. Wild and Scenic Rivers Act [16 USC 1271, Sections 7(b), and (c)]	X				Printed-List of Wild and Scenic Rivers from the Fish and Wildlife Service (June 2009)
IX. Clean Air Act [40 CFR Parts 6, 51, 93]	X				Printed-State of Hawai'i, Department of Health Clean Air Branch, Annual Summary, Hawai'i Air Quality Data, 2008 http://epa.gov/airquality/greenbk/
X. Farmland Protection Policy Act [7 CFR Part 658]	X				Printed-State of Hawai'i Land Use GIS data (May 2010) Field-Site Visit
XI. Environmental Justice [Executive Order 12898]	X				Printed EO 12898
HUD ENVIRONMENTAL STANDARDS					
XII. Noise Abatement and Control [24 CFR Part 51B]	X				Field-Site Visit
XIII. Explosive and Flammable Operations [24 CFR Part 51C]	X				Printed-CFR Title 24, Part 51.201 Experience-Prior Environmental Reviews done for this property. Field-Site Visit
XIV. Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]				X	Study-EDR Report Field-Site Visit
XV. Airport Clear Zones and Accident Potential Zones [24 CFR Part 51D]	X				Printed-Kahului Airport Master Plan (1993)

DETERMINATION:

( ) This project converts to Exempt, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per Section 58.70 and 58.71 before drawing down funds; OR

( ) The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE: Scott Ezer DATE: December 10, 2010

PREPARER NAME: Mr. Scott Ezer

RESPONSIBLE ENTITY AGENCY

OFFICIAL SIGNATURE: Neil Abercrombie

NAME, TITLE: Mr. Neil Abercrombie, Governor, State of Hawaii DATE: 5.31.11

MAKANI KAI HALE I (HA # 1092)
TMK: (2) 3-3-015:001

Hawai'i Public Housing Authority (HPHA) Environmental Review

SOURCE DOCUMENTATION (SD) STATUTORY WORKSHEET

Site Visit Date: June 29, 2010 Prepared By: Norren Kato

PROJECT DESCRIPTION

The Makani Kai Hale I housing project was constructed in 1998 and is located at 35 Koapaka Lane in the town of Waiehu on the island of Maui. A location map shows the housing project location.

The Makani Kai Hale I property is identified as Tax Map Key (TMK) No. (2) 3-3-015:001, consists of a total of 3.370 acres, and is situated within the State's "Urban District." The housing project is comprised of eight (8) buildings with a total of 25 housing units. The following figures provide supporting information on this housing project.

Figure 1: Location map and Flood Insurance Rate Map (FIRM) information
Figure 2: TMK Map
Figure 3: Site plan
Figure 4: Portion of Flood Insurance Rate Map, Panel Number 1500030391E

COMPLIANCE FACTORS

I. HISTORIC PRESERVATION (36 CFR PART 800)

CONTACT:

Supporting Documents

X	Field
	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Makani Kai Hale I was constructed in 1998. At the earliest, any qualifying structures at the project site will not reach a 50-year milestone until 2048. As such, the project does not qualify for the State or National Registers of Historic Places. The site visit did not identify any non-building sites or unique features that could be distinguished as potential archaeological or historic sites.

SUPPORTING DOCUMENTATION:

Field: A site visit of the housing project property did not identify any sites or features that could be distinguished as historic sites. The property has been highly urbanized with development of buildings, roadways, sidewalks, and other accessory facilities. The existing buildings are of more recent construction and thus do not meet the 50-year criteria to be eligible for the National Register of Historic Places.

Experience: Research conducted of the State Historic Preservation Division's (SHPD) listing of properties on the National and State Register of Historic Places records did not identify any sites within the project site.

II. FLOODPLAIN MANAGEMENT (EXECUTIVE ORDER 11988, 24 CFR PART 55)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

Project site is located in Zone X, and is determined to have minimal flood hazard and outside the 500-year flood area.

SUPPORTING DOCUMENTATION:

Field: A site visit and interview with the maintenance supervisor indicated no flooding or ponding on the premises.

Printed: Flood Insurance Rate Map, Maui County, Hawai'i
Community Panel Number 1500030383E, Revised September 25, 2009 (see Figure 1 and 4)

III. WETLANDS PROTECTION (EXECUTIVE ORDER 11990)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

There are no known wetlands within the housing project's property, and therefore, no wetlands will be adversely impacted by the project improvements.

SUPPORTING DOCUMENTATION:

Field: A site visit of the property did not identify any wetlands present.

Printed: Review of State of Hawai'i Geographic Information System (GIS) data for wetlands (updated June 2010).

IV. COASTAL ZONE MANAGEMENT ACT (16 USC 1451, SECTIONS 307 (c), (d))

CONTACT:

Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawai'i 96804

Supporting Documents	
	Field
X	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Projects receiving federal funds from the U.S. Department of Housing and Urban Development (HUD), Public Housing Capitol Fund (OMB Catalog No. 14.872) do not require review for consistency with Hawai'i's CZM program based upon prior determinations from the State Office of Planning.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated June 22, 2010 was submitted to the Director of the Office of Planning determining that repair and rehabilitation improvements that may be implemented using HUD funds did not require CZM federal consistency review. A copy of this letter is enclosed in Exhibit B.

Experience: A previous letter from the State Office of Planning, dated July 20, 2005, as part of similar environmental reviews conducted in 2005 determined that their review for consistency with Hawai'i's CZM program was not required. A copy of this is included with the letter in Exhibit B.

V. SAFE DRINKING WATER ACT (42 USC 201, 300 (f) & 21 USC 349)

Supporting Documents
X Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

There were no activities observed during the site visit that would degrade the quality of drinking water. In addition, the proposed improvements will not have any impact on drinking water quality.

SUPPORTING DOCUMENTATION:

Field: There were no known or existing activities or structures observed within the housing project during the site visit that could adversely impact ground water resources and subsequent drinking water. A Maui County water system currently provides potable water service to this project and is responsible to provide safe drinking water. The rehabilitation improvements being considered are not expected to adversely impact this water system. Proposed improvements are also not expected to affect groundwater resources that may be used for bottled water (21 USC §349).

Printed: Title 42, Chapter 6A, Subchapter 1, §201; Title 42, Chapter 6A, Subchapter 7, §300(f); Title 21, Chapter 9, Subchapter IV, §349

VI. SOLE SOURCE AQUIFER (40 CFR PART 149)

Supporting Documents
____ Field
____ Contact
X Printed
____ Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

The housing project is not located in a designated sole source aquifer listed under the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of April 30, 1990.

SUPPORTING DOCUMENTATION:

Printed: This determination was based upon review of the Sole Source Aquifer Memorandum of 4/30/90 (Sections II.B.1 and II.B.2) and consideration of the type of rehabilitation related improvements that would be conducted for this project.

VII. ENDANGERED SPECIES (50 CFR PART 402)

CONTACT:
Mr. Loyal Mehrhoff, Field Supervisor
Pacific Islands Administrator
U.S. Department of the Interior
Fish and Wildlife Services
Box 50088
Honolulu, Hawai'i 96850
Tel. #: 792-9400

Supporting Documents	
_____	Field
X	Contact
_____	Printed
_____	Experience
_____	Study
_____	

DETERMINATION:

Status Category: Condition, Mitigation

The HPHA determined that the rehabilitation improvements that may be conducted for this housing project would have no adverse affect on any listed species, proposed species, or proposed or designated critical habitat. Based upon consultation with the United States, Fish and Wildlife Service (USFWS), the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel may occur within the general vicinity. The USFWS determined that the project will not adversely affect these species subject to implementation of mitigative measures.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated May 17, 2010 was submitted to the USFWS determining that repair and rehabilitation improvements that may be implemented using HUD funds did not affect any listed or proposed species, or existing or proposed designated critical habitat. The USFWS provided information indicating that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel have been observed in the vicinity of the project area. Based upon USFWS consultation with HPHA, it was agreed that the following measures will be implemented, and USFWS has determined that the rehabilitation improvements conducted at Makani Kai Hale I would not adversely affect these species. Copies of these letters are enclosed in Exhibit B.

Hawaiian Hoary Bat

- HPHA would avoid removing or cutting woody plants greater than 15 feet tall during the bat's birthing and pup rearing season (May 15 through August 15).

Blackburn Sphinx Moth

- Construction areas utilized for renovation or rehabilitation improvements that are not entirely within landscaped, paved, or developed areas will be surveyed by a qualified biologist for the presence of the Blackburn's sphinx moth and its host plants.
- No Blackburn's sphinx moth host plant will be removed or trimmed, and the soil within 33 feet (10 meters) of the host plant will be protected from disturbance, throughout implementation of this project.
- If trimming or removal of host plants is required, consultation with the FWS will first be conducted.

Newell's Shearwater and Hawaiian Petrel

- Project lights will be shielded so the bulb can be seen only from below following guidelines specified by the State Department of Land and Natural Resources, Division of Forestry and Wildlife

VIII. WILD AND SCENIC RIVERS ACT (16 USC 1271, SECTION 7 (b), (c))

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

There are no Wild and Scenic Rivers in Hawai'i which excludes this project from formal consultation requirements.

SUPPORTING DOCUMENTATION:

Printed: http://www.rivers.gov/wildriverslist.html (Date accessed: 8/3/2010)

IX. CLEAN AIR ACT (40 CFR PARTS 6, 51, 93)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The State of Hawai'i is within a designated attainment area for all federal ambient air quality standards as verified under the U.S. EPA's Green Book for currently designated "nonattainment areas" as of June 2010. Planned rehabilitation improvements are not expected to generate significant pollutants affecting the State's status as an attainment area.

SUPPORTING DOCUMENTATION:

Printed: Department of Health. August 2009. *State of Hawai'i Annual Summary 2008 Air Quality Data*. State of Hawai'i.
Web page: http://epa.gov/airquality/greenbk/. (Date accessed: 8/8/10).

X. FARMLANDS PROTECTION (7 CFR PART 658)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property. No farmlands will be impacted by the proposed rehabilitation improvements.

SUPPORTING DOCUMENTATION:

Field: The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property and there was no existing agricultural land used for farming during the site inspection. No farmlands will be impacted by the proposed rehabilitation improvements.

Printed: Web page: http://www.state.hi.us/dbedt/gis/miscmaps.htm (Date accessed: 6/22/10). The State Land Use designation is Urban.

XI. ENVIRONMENTAL JUSTICE (EXECUTIVE ORDER NO. 12898)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The rehabilitation improvements would not involve acquisition of additional properties resulting in the displacement of residents nor would it result in the displacement of existing residents at the housing project. Therefore, rehabilitation improvements would not result in disproportionately high or adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Improvements should benefit low-income and minority populations associated with this housing project.

SUPPORTING DOCUMENTATION:

Printed: Executive Order 12898.
Web page: http://www.hud.gov/offices/cpd/environment/review/justice.cfm. (Date accessed: 8/6/10)

HUD ENVIRONMENTAL STANDARDS:

XII. NOISE ABATEMENT CONTROL (24 CFR PART 51B)

Supporting Documents

X	Field
_____	Contact
_____	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The housing project site is not situated along a highway or major arterial roadway that has a high volume of vehicular traffic which may generate significant noise. Existing roadways bordering this site are County minor streets with lower traffic volumes compared to primary roadways within Waiehu town. As a result, existing noise volumes are likely to be less than 65 decibels (A-weighted scale, or dBA). Proposed rehabilitation improvements are not expected to result in a significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

SUPPORTING DOCUMENTATION:

Field: There were no significant noise generating sources identified within the project site during the site inspection. Noise sources were predominantly associated with vehicular traffic along adjacent roadways. Roadways along the project area are County roadways used predominantly for circulation within the Waiehu town area and have speed limits of 25 mph. Therefore, traffic volumes along these roadways are considerably lower than State highways or major arterial roadways, and vehicles travel at much lower speeds generating lower tire noise. Traffic noise levels at this site should not exceed 65 dBA and appear to be within HUD noise standards. Rehabilitation improvements are also not expected to significantly change existing traffic conditions at this housing site and along adjacent roadways which would increase noise levels above 65 dBA

XIII. EXPLOSIVE AND FLAMMABLE OPERATIONS (24 CFR PART 51C)

Supporting Documents

X	Field
	Contact
X	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There is an above-ground explosive or flammable material storage container in excess of 100 gallons present at the site. However, rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous operations, and thus do not meet the definition of a HUD-assisted project and are not subject to these regulations.

SUPPORTING DOCUMENTATION:

Field: Field inspection was limited to the exterior of residential buildings and associated structures for the renovated portion of this housing project. An above-ground explosive or flammable material storage container in excess of 100 gallons was observed at the site.

Printed: 24 CFR Part 51, Subpart C. Per CFR Title 24 Part 51.201 (Definitions), rehabilitation and modernization improvements that do not increase the number of people being exposed to hazardous operations are not subject to these regulations, and do not meet the definition of a HUD-assisted project. The rehabilitation improvements for this housing project are not planned to increase existing residential density, convert a building to habitation, or increase the number of people being exposed to hazardous operations.

Experience: The 2005 environmental review conducted for Makani Kai Hale I identified no existing above-ground storage tank of over 500 gallons on the property. A site

inspection was conducted in June, 2010 and similarly confirmed the applicability of the 2005 results that there were no storage tanks present.

XIV. TOXIC CHEMICALS/RADIOACTIVE MATERIALS (24 CFR PART 58, SECTION 5 (i))

Supporting Documents

X	Field
	Contact
	Printed
	Experience
X	Study

DETERMINATION:

Status Category: Condition/Mitigation

The site visit and interview with the maintenance supervisor revealed that lead may be within the paint used to paint the units. As long as the paint remains undisturbed, there is minimal risk to the residents from the lead. During project construction activities, the potential hazard will be managed in accordance with relevant federal and state regulations to protect workers and residents from unacceptable levels of exposure.

SUPPORTING DOCUMENTATION:

Field: Site visit and interview with the maintenance supervisor indicated that lead may be within the paint. No asbestos containing materials or other toxic or radioactive materials warranting further concern was identified on site. There were no known nearby dumps, landfills, industrial sites or other operations with hazardous wastes adjacent to the housing project.

Study: Environmental Data Resources, Inc. (EDR), Inquiry Number 2779851.6s, dated May 27, 2010 conducted a search of available environmental records. EDR reviewed more than 25 federal and state regulatory databases for information regarding the treatment, storage, disposal and release of toxic chemicals at the site and within specific radii (generally 1 mile) of the site. The EDR report in the appendix includes a summary of key findings. The project site is not located within one mile of a NPL (Superfund) site or within a 0.5 mile of a Federal CERCLIS site.

XV. AIRPORT CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (24 CFR PART 51D)

Supporting Documents

_____ Field
_____ Contact
__X__ Printed
_____ Experience
_____ Study

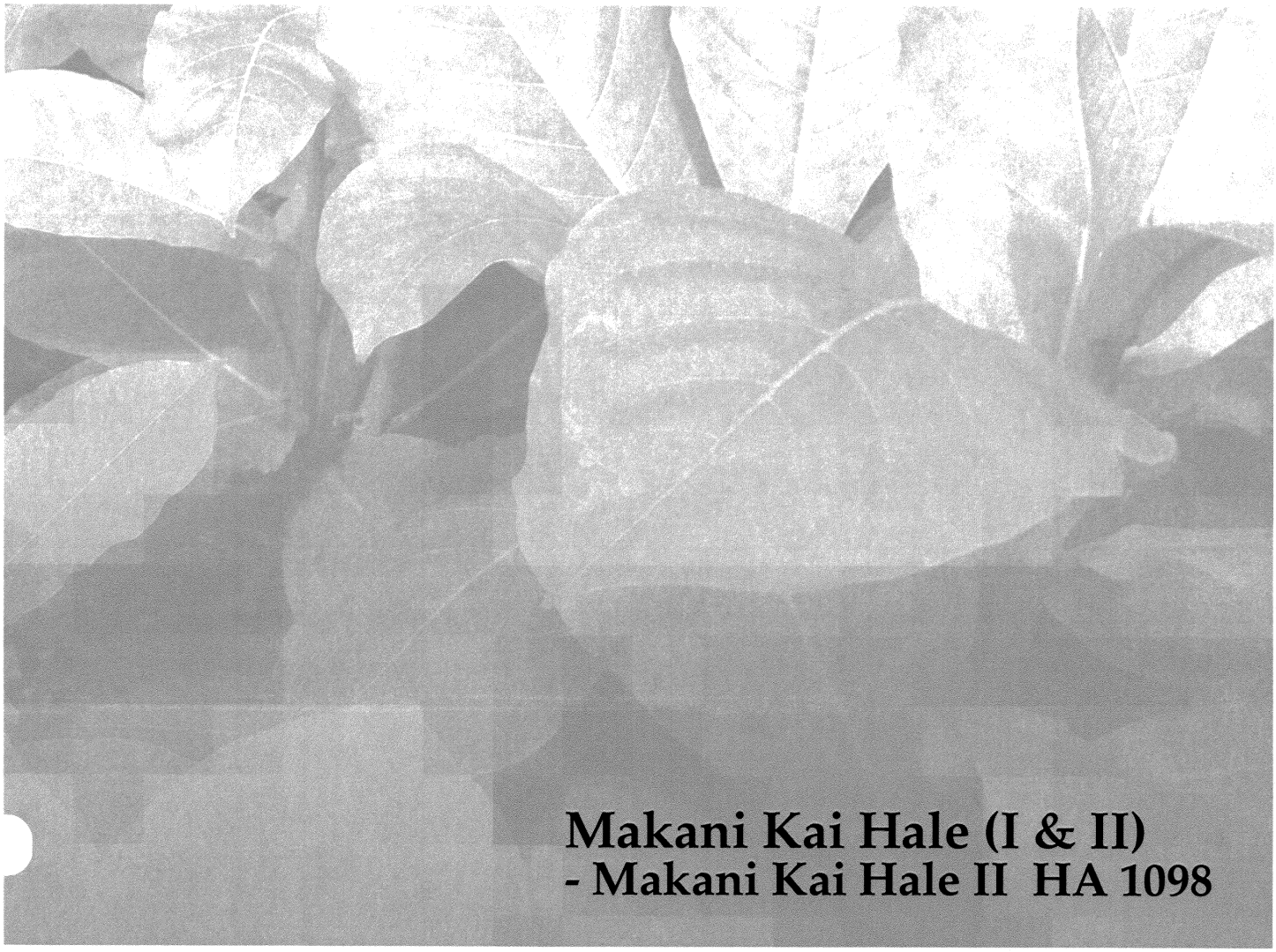
DETERMINATION:

Status Category: Not Applicable

The project is not within an FAA-designated civilian airport Runway Clear Zone (RCZ) or Runway Protection Zone, or within a military airfield Clear Zone (CZ) or Accident Potential Zone (APZ).

SUPPORTING DOCUMENTATION:

Printed: 24 CFR 51 (D).
Kahului Airport Master Plan (June, 1993), State Department of Transportation, Airports Division



Makani Kai Hale (I & II)
- Makani Kai Hale II HA 1098

Certification of Categorical Exclusion (subject to 58.5)

Determination of activities listed at 24 CFR 58.35(a)
May be subject to provisions of Sec 58.6, as applicable

Grant Recipient: HPHA Project Name: Makani Kai Hale II
Project Description (Include all actions which are either geographically or functionally related):

Improvements may involve the following:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 35 Koapaka Lane, Waiehu, Maui 96793
Funding Source: CDBG HOME ESG HOPWA EDI (Capital Fund) Operating Subsidy Hope VI (Other)
Funding Amount: _____ Grant Number: _____

I hereby certify that the abovementioned project has been reviewed and determined to be a Categorically Excluded activity (subject to 58.5) per 24 CFR 58.35(a) as follows:

	1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets);
	2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
	3. Rehabilitation of buildings and improvements when the following conditions are met: i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland; ii. In the case of multifamily residential buildings: (A) Unit density is not changed more than 20 percent; (B) The project does not involve changes in land use from residential to non-residential; and (C) The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation. iii. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.
	4. (i) An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between; or (ii) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site. (iii) Paragraphs (a)(4)(i) and (ii) of this section do not apply to rehabilitation of a building for residential use (with one to four units) (see paragraph (a)(3)(i) of this section).

	5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.
X	6. Combinations of the above activities.

The responsible entity must also complete and attach a **Statutory Checklist**. By signing below the Responsible Entity certifies in writing that each activity or project is Categorically Excluded (subject to 58.5) and meets the conditions specified for such exemption under section 24 CFR 58.35(a). Please keep a copy of this determination in your project files.

Mr. Neil Abercrombie
Responsible Entity Certifying Official Name

Governor, State of Hawaii
Title (please print)

Neil Abercrombie
Responsible Entity Certifying Official Signature

5.31.11
Date

Compliance Documentation Checklist
24 CFR 58.6

Project Name: Makani Kai Hale II

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 35 Koapaka Lane, Waiehu, Maui 96793

Level of Environmental Review Determination: Categorically Excluded subject to statutes per § 58.35(a)
(Select One: Exempt per 24 CFR 58.34, or Categorically Excluded not subject to statutes per § 58.35(b), or Categorically Excluded subject to statutes per § 58.35(a), or Environmental Assessment per § 58.36, or EIS per 40 CFR 1500)

STATUTES and REGULATIONS listed at 24 CFR 58.6

FLOOD DISASTER PROTECTION ACT

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard?

(X) No; Cite Source Document: Flood Insurance Rate Map Panel 1500030383E
( ) Yes; Source Document: _____

2. Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

(X) Yes (Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration must be kept on file).
( ) No **(Federal assistance may not be used in the Special Flood Hazards Area).**

COASTAL BARRIERS RESOURCES ACT

1. Is the project located in a coastal barrier resource area?

(X) No; Hawai'i has no coastal barriers (http://www.fws.gov/habitatconservation/coastal_barrier.html).
( ) Yes **(Federal assistance may not be used in such an area).**

AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES DISCLOSURES

1. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

(X) No; Source Documentation: Kahului Airport Master Plan (1993)

Project complies with 24 CFR 51.303(a)(3).

( ) Yes; **Disclosure statement must be provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

STATUTORY CHECKLIST

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS

Grant Recipient: HPHA Project Name: Makani Kai Hale II

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 35 Koapaka Lane, Waiehu, Maui 96793

This project is determined to be categorically excluded according to: [Cite section(s)]: § 58.35(a)

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	**Compliance Documentation**
I. Historic Preservation [36 CFR Part 800]	X				Printed-State and National Registers of Historic Places Field-Site Visit
II. Floodplain Management [24 CFR 55, Executive Order 11988]	X				Printed-Flood Insurance Rate Map Pannel Number 1500030383E Field-Site Visit
III. Wetland Protection [Executive Order 11990]	X				Printed-State of Hawai'i Wetlands GIS data (September 2009) Field-Site Visit

IV. Coastal Zone Management Act [16 USC 1451,Sections 307(c), (d)]	X				Contact – State Office of Planning, DBED&T Experience-Previous correspondence with Office of Planning
V. Safe Drinking Water Act (42 USC 201, 300(f) & 21 U.S.C. 349)	X				Printed-42 USC 201, 300(f) & 21 U.S.C. 349 Field-Site Visit
VI. Sole Source Aquifers [40 CFR Part 149]	X				Printed-MOU between HUD & EPA, Region IX, (4/30/1990)
VII. Endangered Species Act [50 CFR Part 402]				X	Contact-US Fish and Wildlife Service
VIII. Wild and Scenic Rivers Act [16 USC 1271, Sections 7(b), and (c)]	X				Printed-List of Wild and Scenic Rivers from the Fish and Wildlife Service (June 2009)
IX. Clean Air Act [40 CFR Parts 6, 51, 93]	X				Printed-State of Hawai'i, Department of Health Clean Air Branch, Annual Summary, Hawai'i Air Quality Data, 2008 http://epa.gov/airquality/greenbk/
X. Farmland Protection Policy Act [7 CFR Part 658]	X				Printed-State of Hawai'i Land Use GIS data (May 2010) Field-Site Visit
XI. Environmental Justice [Executive Order 12898]	X				Printed EO 12898
HUD ENVIRONMENTAL STANDARDS					
XII. Noise Abatement and Control [24 CFR Part 51B]	X				Field-Site Visit
XIII. Explosive and Flammable Operations [24 CFR Part 51C]	X				Printed-CFR Title 24, Part 51.201 Experience-Prior Environmental Reviews done for this property. Field-Site Visit
XIV. Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]				X	Study-EDR Report Field-Site Visit
XV. Airport Clear Zones and Accident Potential Zones [24 CFR Part 51D]	X				Printed-Kahului Airport Master Plan (1993)

DETERMINATION:

( ) This project converts to Exempt, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per Section 58.70 and 58.71 before drawing down funds; OR

( ) The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE: Scott Ezer DATE: December 10, 2010

PREPARER NAME: Mr. Scott Ezer

RESPONSIBLE ENTITY AGENCY

OFFICIAL SIGNATURE: Neil Abercrombie

NAME, TITLE: Mr. Neil Abercrombie, Governor, State of Hawaii DATE: 5.31.11

MAKANI KAI HALE II (HA # 1098)
TMK: (2) 3-3-015:001

Hawai'i Public Housing Authority (HPHA) Environmental Review

SOURCE DOCUMENTATION (SD) STATUTORY WORKSHEET

Site Visit Date: June 29, 2010 Prepared By: Norren Kato

PROJECT DESCRIPTION

The Makani Kai Hale II housing project was constructed in 1998 and is located at 35 Koapaka Lane in the town of Waiehu on the island of Maui. A location map shows the housing project location.

The Makani Kai Hale II property is identified as Tax Map Key (TMK) No. (2) 3-3-015:001, and consists of a total of 3.370 acres, and is situated within the State's "Urban District." The housing project is comprised of one building with a total of 4 housing units. The following figures provide supporting information on this housing project.

Figure 1: Location map and Flood Insurance Rate Map (FIRM) information
Figure 2: TMK Map
Figure 3: Site plan
Figure 4: Portion of Flood Insurance Rate Map, Panel Number 1500030383E

COMPLIANCE FACTORS

I. HISTORIC PRESERVATION (36 CFR PART 800)

CONTACT:

Supporting Documents
X Field
____ Contact
____ Printed
X Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

Makani Kai Hale II was constructed in 1998. At the earliest, any qualifying structures at the project site will not reach a 50-year milestone until 2048. As such, the project does not qualify for the State or National Registers of Historic Places. The site visit did not identify any non-building sites or unique features that could be distinguished as potential archeological or historic sites.

SUPPORTING DOCUMENTATION:

Field: A site visit of the housing project property did not identify any sites or features that could be distinguished as historic sites. The property has been urbanized with development of buildings, roadways, sidewalks, and other accessory facilities. The existing buildings are of more recent construction and thus do not meet the 50-year criteria to be eligible for the National Register of Historic Places.

Experience: Research conducted of the State Historic Preservation Division's (SHPD) listing of properties on the National and State Register of Historic Places records did not identify any sites within the project site.

II. FLOODPLAIN MANAGEMENT (EXECUTIVE ORDER 11988, 24 CFR PART 55)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Project site is located in Zone X and is determined to have minimal flood hazard and outside the 500-year flood area.

SUPPORTING DOCUMENTATION:

Field: A site visit and interview with the maintenance supervisor indicated no flooding or ponding on the premises.

Printed: Flood Insurance Rate Map, Maui County, Hawai'i
Community Panel Number 1500030383E, Revised September 25, 2009 (see Figure 1 and 4)

III. WETLANDS PROTECTION (EXECUTIVE ORDER 11990)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known wetlands within the housing project's property, and therefore, no wetlands will be adversely impacted by the project improvements.

SUPPORTING DOCUMENTATION:

Field: A site visit of the property did not identify any wetlands present.

Printed: Review of State of Hawai'i Geographic Information System (GIS) data for wetlands (updated June 2010).

IV. COASTAL ZONE MANAGEMENT ACT (16 USC 1451, SECTIONS 307 (c), (d))

CONTACT:

Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawai'i 96804

Supporting Documents	
	Field
X	Contact
	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Projects receiving federal funds from the U.S. Department of Housing and Urban Development (HUD), Public Housing Capitol Fund (OMB Catalog No. 14.872) do not require review for consistency with Hawai'i's CZM program based upon prior determinations from the State Office of Planning.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated June 22, 2010 was submitted to the Director of the Office of Planning determining that repair and rehabilitation improvements that may be implemented using HUD funds did not require CZM federal consistency review. A copy of this letter is enclosed in Exhibit B.

Experience: A previous letter from the State Office of Planning, dated July 20, 2005, as part of similar environmental reviews conducted in 2005 determined that their review for consistency with Hawai'i's CZM program was not required. A copy of this is included with the letter in Exhibit B.

V. SAFE DRINKING WATER ACT (42 USC 201, 300 (f) & 21 USC 349)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There were no activities observed during the site visit that would degrade the quality of drinking water. In addition, the proposed improvements will not have any impact on drinking water quality.

SUPPORTING DOCUMENTATION:

Field: There were no known or existing activities or structures observed within the housing project during the site visit that could adversely impact ground water resources and subsequent drinking water. A Maui County water system currently provides potable water service to this project and is responsible to provide safe drinking water. The rehabilitation improvements being considered are not expected to adversely impact this water system. Proposed improvements are also not expected to affect groundwater resources that may be used for bottled water (21 USC §349).

Printed: Title 42, Chapter 6A, Subchapter 1, §201; Title 42, Chapter 6A, Subchapter 7, §300(f); Title 21, Chapter 9, Subchapter IV, §349

VI. SOLE SOURCE AQUIFER (40 CFR PART 149)

Supporting Documents

	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The housing project is not located in a designated sole source aquifer listed under the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of April 30, 1990.

SUPPORTING DOCUMENTATION:

Printed: This determination was based upon review of the Sole Source Aquifer Memorandum of 4/30/90 (Sections II.B.1 and II.B.2) and consideration of the type of rehabilitation related improvements that would be conducted for this project.

VII. ENDANGERED SPECIES (50 CFR PART 402)

CONTACT:
Mr. Loyal Mehrhoff, Field Supervisor
Pacific Islands Administrator
U.S. Department of the Interior
Fish and Wildlife Services
Box 50088
Honolulu, Hawai'i 96850
Tel. #: 792-9400

Supporting Documents	
_____	Field
X	Contact
_____	Printed
_____	Experience
_____	Study
_____	

DETERMINATION:

Status Category: Condition, Mitigation

The HPHA determined that the rehabilitation improvements that may be conducted for this housing project would have no adverse affect on any listed species, proposed species, or proposed or designated critical habitat. Based upon consultation with the United States, Fish and Wildlife Service (USFWS), the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell'sl Shearwater and Hawaiian Petrel may occur within the general vicinity. The USFWS determined that the project will not adversely affect these species subject to implementation of mitigative measures.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated May 17, 2010 was submitted to the USFWS determining that repair and rehabilitation improvements that may be implemented using HUD funds did not affect any listed or proposed species, or existing or proposed designated critical habitat. The USFWS provided information indicating that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel have been observed in the vicinity of the project area. Based upon USFWS consultation with HPHA, it was agreed that the following measures will be implemented, and USFWS has determined that the rehabilitation improvements conducted at Makani Kai Hale II would not adversely affect these species. Copies of these letters are enclosed in Exhibit B.

Hawaiian Hoary Bat

- HPHA would avoid removing or cutting woody plants greater than 15 feet tall during the bat's birthing and pup rearing season (May 15 through August 15).

Blackburn Sphinx Moth

- Construction areas utilized for renovation or rehabilitation improvements that are not entirely within landscaped, paved, or developed areas will be surveyed by a qualified biologist for the presence of the Blackburn's sphinx moth and its host plants.
- No Blackburn's sphinx moth host plant will be removed or trimmed, and the soil within 33 feet (10 meters) of the host plant will be protected from disturbance, throughout implementation of this project.
- If trimming or removal of host plants is required, consultation with the FWS will first be conducted.

Newell's Shearwater and Hawaiian Petrel

- Project lights will be shielded so the bulb can be seen only from below following guidelines specified by the State Department of Land and Natural Resources, Division of Forestry and Wildlife

VIII. WILD AND SCENIC RIVERS ACT (16 USC 1271, SECTION 7 (b), (c))

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

There are no Wild and Scenic Rivers in Hawai'i which excludes this project from formal consultation requirements.

SUPPORTING DOCUMENTATION:

Printed: http://www.rivers.gov/wildriverslist.html (Date accessed: 8/3/2010)

IX. CLEAN AIR ACT (40 CFR PARTS 6, 51, 93)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The State of Hawai'i is within a designated attainment area for all federal ambient air quality standards as verified under the U.S. EPA's Green Book for currently designated "nonattainment areas" as of June 2010. Planned rehabilitation improvements are not expected to generate significant pollutants affecting the State's status as an attainment area.

SUPPORTING DOCUMENTATION:

Printed: Department of Health. August 2009. *State of Hawai'i Annual Summary 2008 Air Quality Data*. State of Hawai'i.
Web page: http://epa.gov/airquality/greenbk/. (Date accessed: 8/8/10).

X. FARMLANDS PROTECTION (7 CFR PART 658)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property. No farmlands will be impacted by the proposed rehabilitation improvements.

SUPPORTING DOCUMENTATION:

Field: The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property and there was no existing agricultural land used for farming during the site inspection. No farmlands will be impacted by the proposed rehabilitation improvements.

Printed: Web page: http://www.state.hi.us/dbedt/gis/miscmaps.htm (Date accessed: 6/22/10). The State Land Use designation is Urban.

XI. ENVIRONMENTAL JUSTICE (EXECUTIVE ORDER NO. 12898)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The rehabilitation improvements would not involve acquisition of additional properties resulting in the displacement of residents nor would it result in the displacement of existing residents at the housing project. Therefore, rehabilitation improvements would not result in disproportionately high or adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Improvements should benefit low-income and minority populations associated with this housing project.

SUPPORTING DOCUMENTATION:

Printed: Executive Order 12898.
Web page: http://www.hud.gov/offices/cpd/environment/review/justice.cfm. (Date accessed: 8/6/10)

HUD ENVIRONMENTAL STANDARDS:

XII. NOISE ABATEMENT CONTROL (24 CFR PART 51B)

Supporting Documents

X	Field
_____	Contact
_____	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The housing project site is not situated along a highway or major arterial roadway that has a high volume of vehicular traffic which may generate significant noise. Existing roadways bordering this site are County minor streets with lower traffic volumes compared to primary roadways within Waiehu town. As a result, existing noise volumes are likely to be less than 65 decibels (A-weighted scale, or dBA). Proposed rehabilitation improvements are not expected to result in a significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

SUPPORTING DOCUMENTATION:

Field: There were no significant noise generating sources identified within the project site during the site inspection. Noise sources were predominantly associated with vehicular traffic along adjacent roadways. Roadways along the project area are County roadways used predominantly for circulation within the Waiehu town area and have speed limits of 25 mph. Therefore, traffic volumes along these roadways are considerably lower than State highways or major arterial roadways, and vehicles travel at much lower speeds generating lower tire noise. Traffic noise levels at this site should not exceed 65 dBA and appear to be within HUD noise standards. Rehabilitation improvements are also not expected to significantly change existing traffic conditions at this housing site and along adjacent roadways which would increase noise levels above 65 dBA

XIII. EXPLOSIVE AND FLAMMABLE OPERATIONS (24 CFR PART 51C)

Supporting Documents	
X	Field
	Contact
X	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There is one above-ground explosive or flammable material storage container in excess of 100 gallons present at the site. However, rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous operations, and thus do not meet the definition of a HUD-assisted project and are not subject to these regulations.

SUPPORTING DOCUMENTATION:

Field: Field inspection was limited to the exterior of residential buildings and associated structures for the renovated portion of this housing project. An above-ground explosive or flammable material storage container in excess of 100 gallons was observed at the site.

Printed: 24 CFR Part 51, Subpart C. Per CFR Title 24 Part 51.201 (Definitions), rehabilitation and modernization improvements that do not increase the number of people being exposed to hazardous operations are not subject to these regulations, and do not meet the definition of a HUD-assisted project. The rehabilitation improvements for this housing project are not planned to increase existing residential density, convert a building to habitation, or increase the number of people being exposed to hazardous operations.

Experience: The 2005 environmental review conducted for Makani Kai Hale II identified no existing above-ground storage tank of over 500 gallons on the property. A site inspection was conducted in June, 2010 and similarly confirmed the applicability of the 2005 results that there were no storage tanks present.

XIV. TOXIC CHEMICALS/RADIOACTIVE MATERIALS (24 CFR PART 58, SECTION 5 (i))

Supporting Documents

X	Field
	Contact
	Printed
	Experience
X	Study

DETERMINATION:

Status Category: Condition/Mitigation

The site visit and interview with the maintenance supervisor revealed that lead may be within the paint used to paint the units. As long as the paint remains undisturbed, there is minimal risk to the residents from the lead. During project construction activities, the potential hazard will be managed in accordance with relevant federal and state regulations to protect workers and residents from unacceptable levels of exposure.

SUPPORTING DOCUMENTATION:

Field: Site visit and interview with the maintenance supervisor indicated that lead may be within the paint. No asbestos containing materials or other toxic or radioactive materials warranting further concern was identified on site. There were no known nearby dumps, landfills, industrial sites or other operations with hazardous wastes adjacent to the housing project.

Study: Environmental Data Resources, Inc. (EDR), Inquiry Number 2779851.6s, dated May 27, 2010 conducted a search of available environmental records. EDR reviewed more than 25 federal and state regulatory databases for information regarding the treatment, storage, disposal and release of toxic chemicals at the site and within specific radii (generally 1 mile) of the site. The EDR report in the appendix includes a summary of key findings. The project site is not located within one mile of a NPL (Superfund) site or within a 0.5 mile of a Federal CERCLIS site.

XV. AIRPORT CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (24 CFR PART 51D)

Supporting Documents
_____ Field
_____ Contact
_X_ Printed
_____ Experience
_____ Study

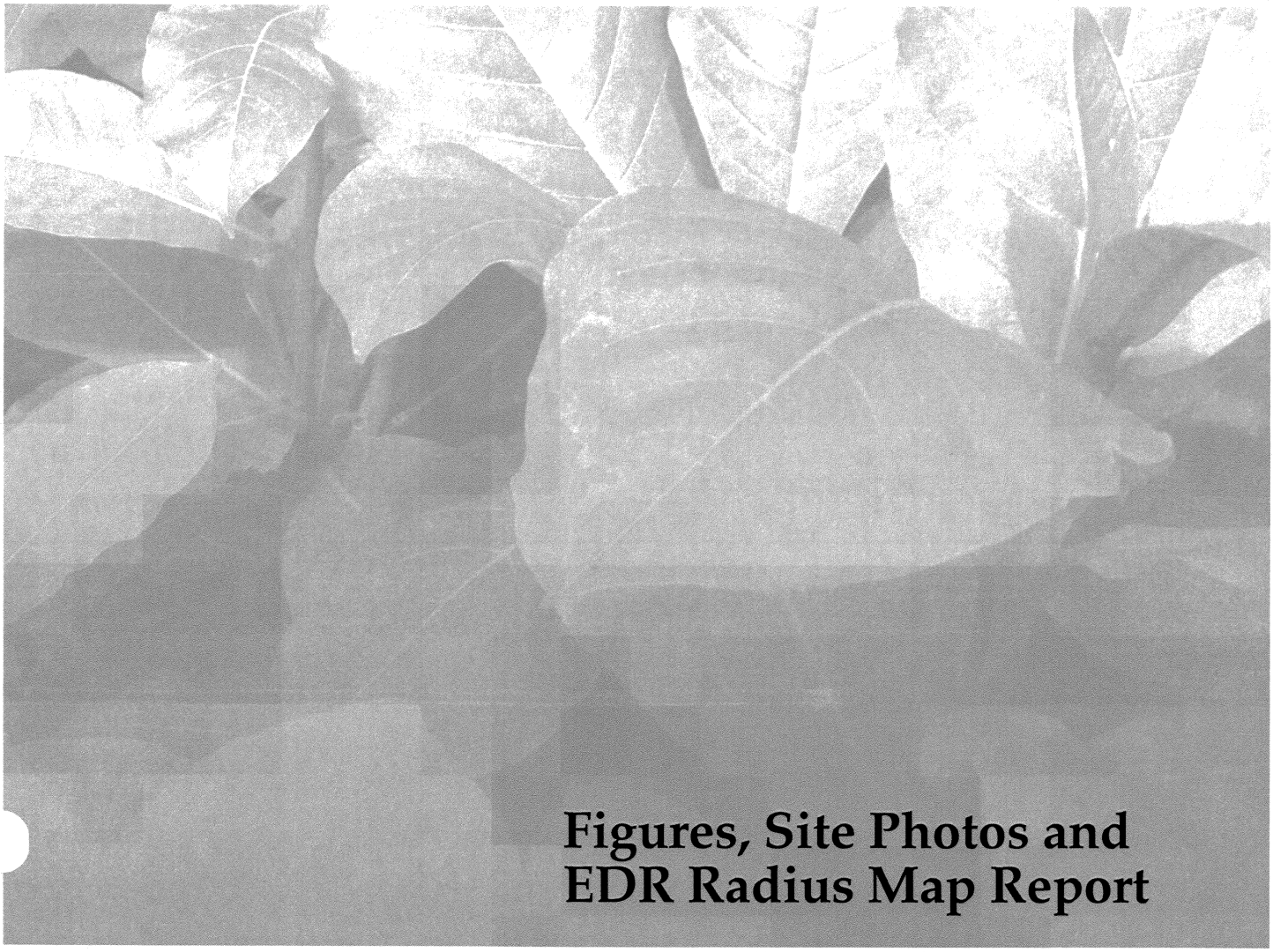
DETERMINATION:

Status Category: Not Applicable

The project is not within an FAA-designated civilian airport Runway Clear Zone (RCZ) or Runway Protection Zone, or within a military airfield Clear Zone (CZ) or Accident Potential Zone (APZ).

SUPPORTING DOCUMENTATION:

Printed: 24 CFR 51 (D).
Kahului Airport Master Plan (June, 1993), State Department of Transportation, Airports Division



Figures, Site Photos and EDR Radius Map Report

Figure 1: MAKANI KAI HALE I & II

Location Map

STATE LAND USE

State Agricultural District

State Urban District

All areas are determined to be Zone X or D unless otherwise noted.

0 Feet 200

0 Meters 60

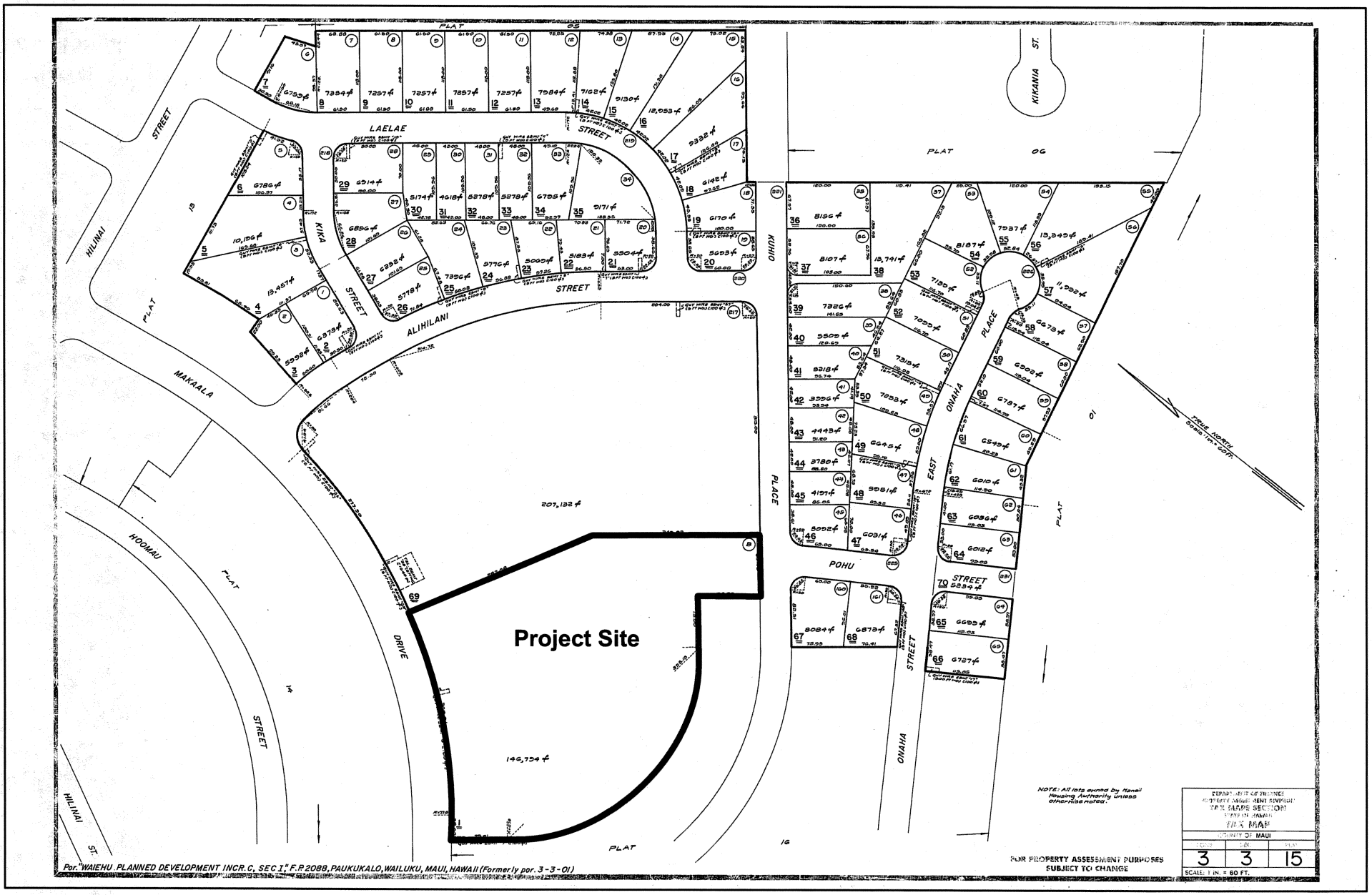
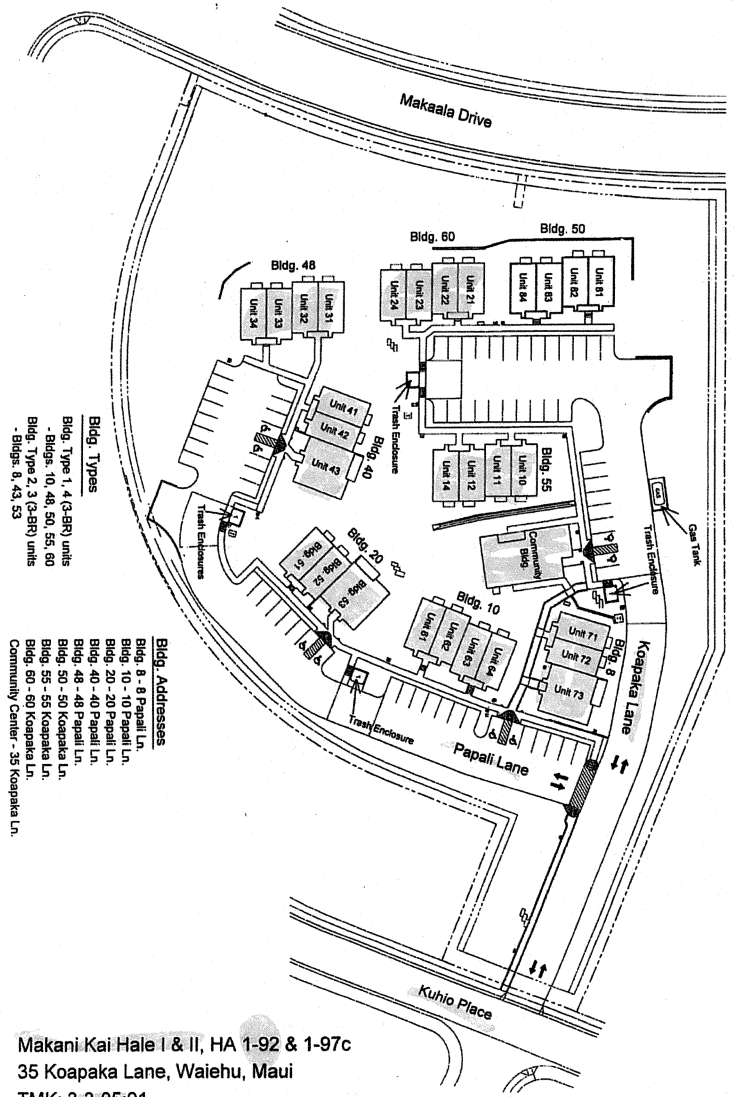
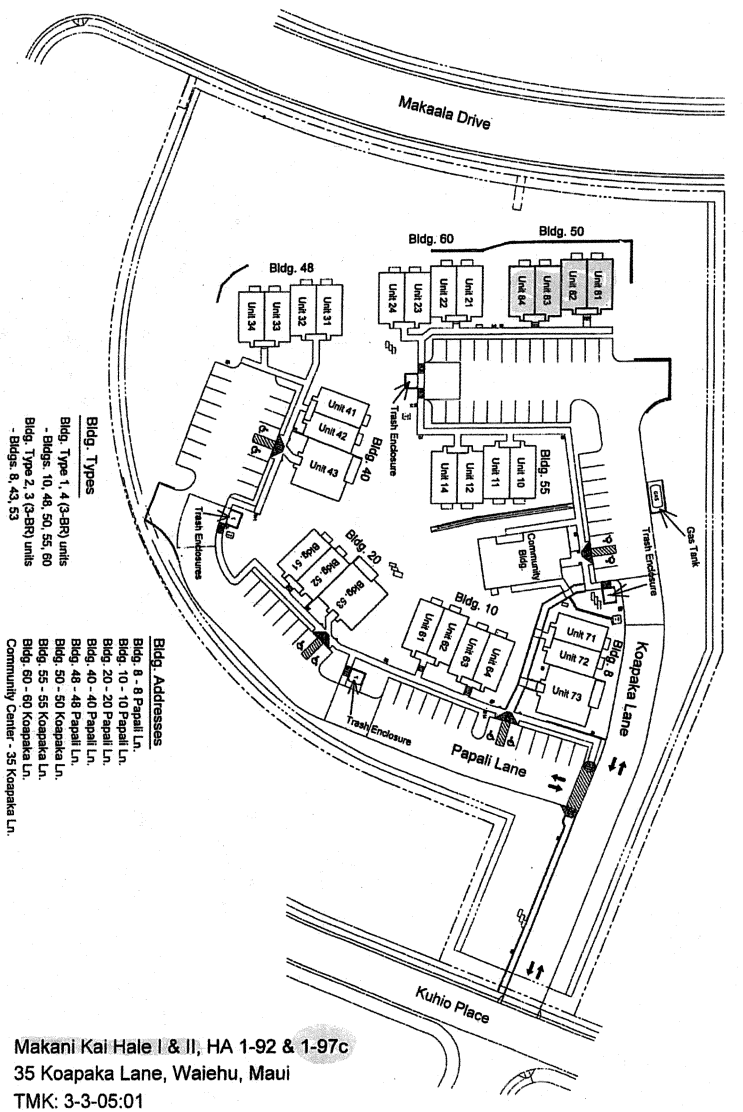


Figure 2: MAKANI KAI HALE I & II

Tax Map Key Map



Makani Kai Hale I & II, HA 1-92 & 1-97c
35 Koapaka Lane, Waiehu, Maui
TMK: 3-3-05:01



Makani Kai Hale I & II, HA 1-92 & 1-97c
35 Koapaka Lane, Waiehu, Maui
TMK: 3-3-05:01

Figure 3: MAKANI KAI HALE I & II
Site Plan

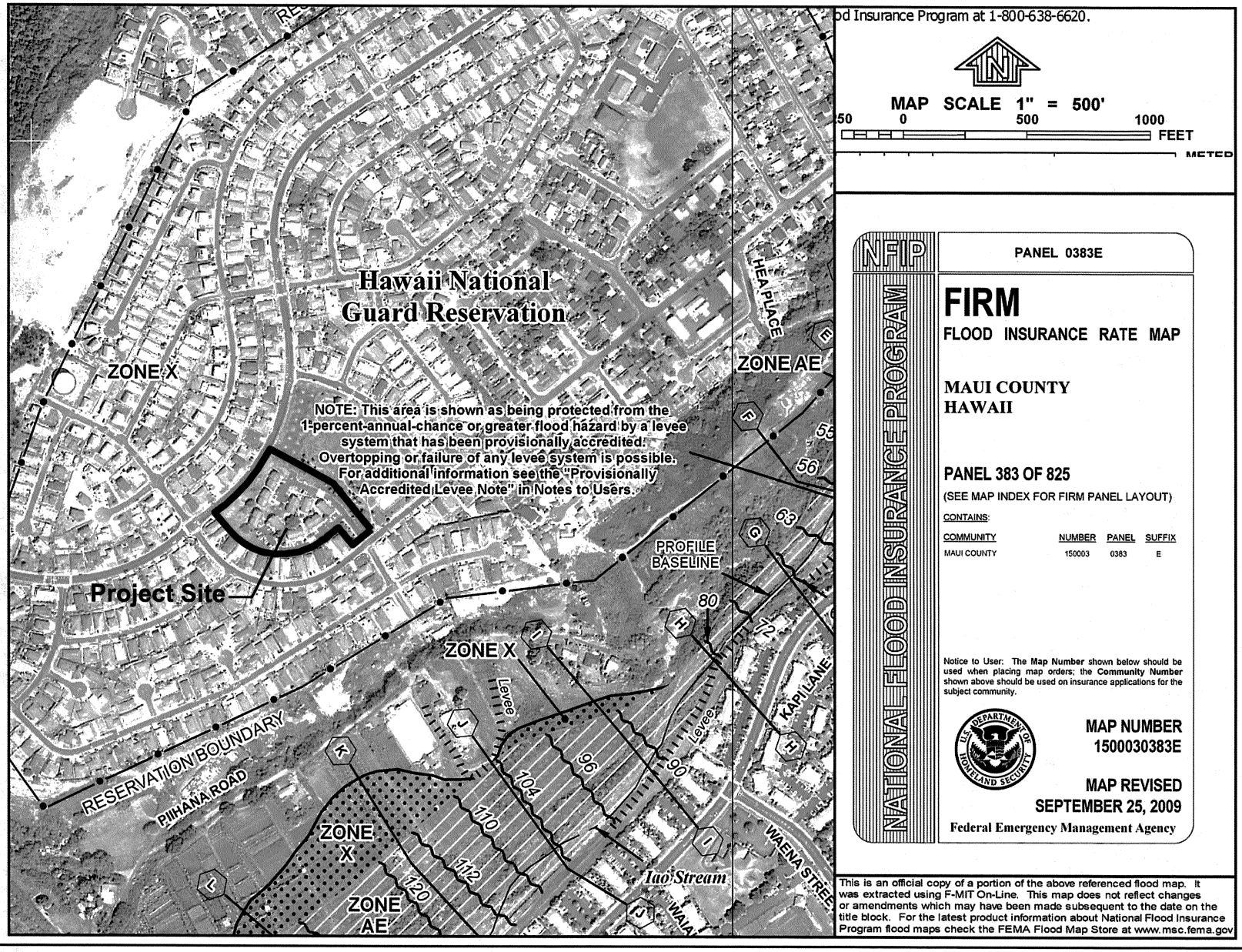
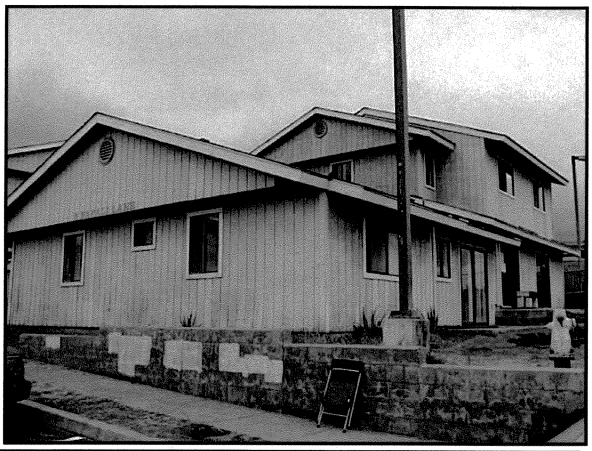
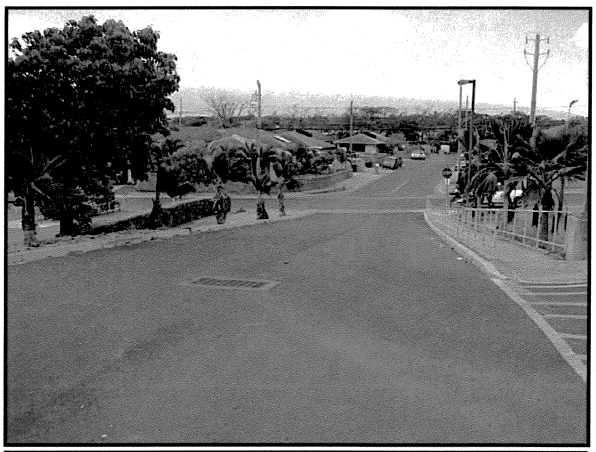


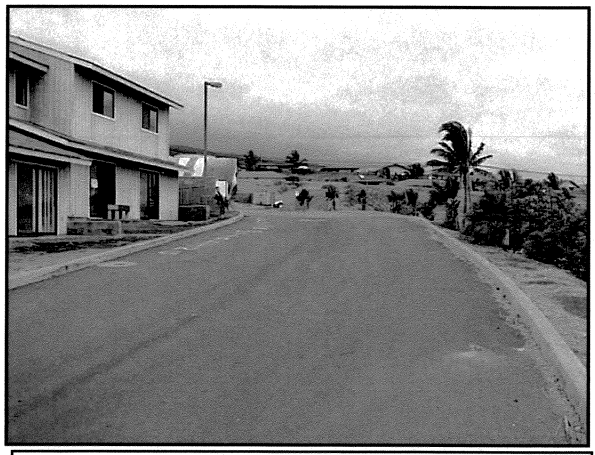
Figure 4: MAKANI KAI HALE I & II
Flood Insurance Rate Map



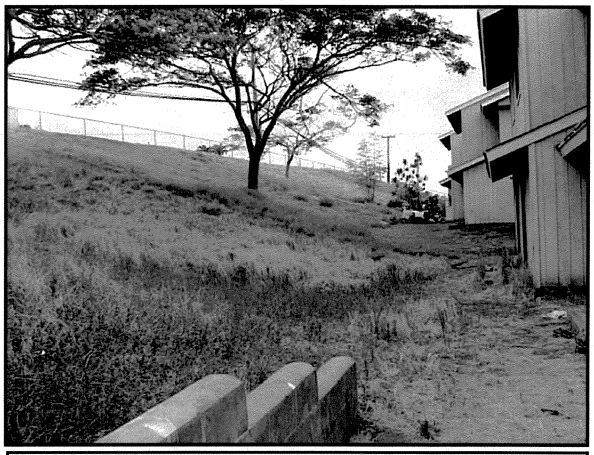
Picture 1: Typical Unit



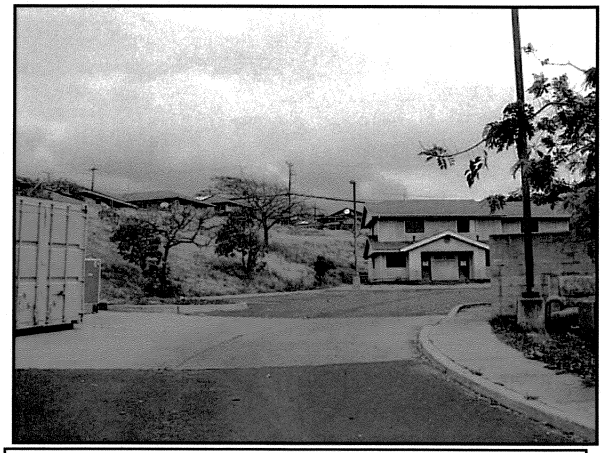
Picture 2: Driveway access up Koapaka Lane looking south



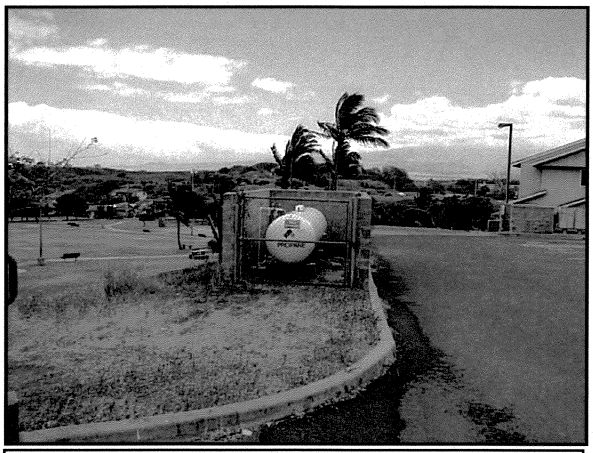
Picture 3: Koapaka Lane looking north



Picture 4: Rear of the project along Makaala Drive



Picture 5: Western property line with storage container for materials for onsite renovations



Picture 6: Propane Tank

Makani Kai Hale I and II
35 Koapaka Lane
Wailuku, HI 96793

Inquiry Number: 2779851.6s
May 27, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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Milford, CT 06461
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www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

35 KOAPAKA LANE
WAILUKU, HI 96793

COORDINATES

Latitude (North):	20.904200 - 20° 54' 15.1"
Longitude (West):	156.496900 - 156° 29' 48.8"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	760376.1
UTM Y (Meters):	2313439.0
Elevation:	132 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	20156-H4 KAHAKULOA, HI
Most Recent Revision:	Not reported
West Map:	20156-H5 NAPILI, HI
Most Recent Revision:	Not reported

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills in the State of Hawaii

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank Database
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites
INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP---------- Voluntary Response Program Sites

State and tribal Brownfields sites

BROWNFIELDS---------- Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI---------- Open Dump Inventory
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL---------- Clandestine Drug Labs
US HIST CDL---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2---------- CERCLA Lien Information
LUCIS---------- Land Use Control Information System

Records of Emergency Release Reports

HMIRS---------- Hazardous Materials Information Reporting System
SPILLS---------- Release Notifications

Other Ascertainable Records

RCRA-NonGen---------- RCRA - Non Generators
DOT OPS---------- Incident and Accident Data
DOD---------- Department of Defense Sites
FUDS---------- Formerly Used Defense Sites
CONSENT---------- Superfund (CERCLA) Consent Decrees
ROD---------- Records Of Decision
UMTRA---------- Uranium Mill Tailings Sites
MINES---------- Mines Master Index File
TRIS---------- Toxic Chemical Release Inventory System
TSCA---------- Toxic Substances Control Act
FTTS---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS---------- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS---------- Section 7 Tracking Systems
ICIS---------- Integrated Compliance Information System
PADS---------- PCB Activity Database System
MLTS---------- Material Licensing Tracking System
RADINFO---------- Radiation Information Database
FINDS---------- Facility Index System/Facility Registry System

RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Listing
DRYCLEANERS..... Permitted Drycleaner Facility Listing
AIRS..... List of Permitted Facilities
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
COAL ASH DOE..... Sleam-Electric Plan Operation Data
PCB TRANSFORMER..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Health.

A review of the SHWS list, as provided by EDR, and dated 12/01/2009 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAUI DISPOSAL	250 IMI KALA ST	SSW 1/2 - 1 (0.639 mi.)	2	7
1790 MILL STREET	***1790 MILL ST***	***SSW 1/2 - 1 (0.869 mi.)***	***3***	***8***
MAUI SANDTORCHES	46 TING DR	S 1/2 - 1 (0.972 mi.)	5	9
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
YEE-MAUI TERMINIX	***283 WAIEHU BEACH RD***	***E 1/2 - 1 (0.877 mi.)***	***4***	***8***

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health's Active Leaking Underground Storage Tank Log Listing.

A review of the LUST list, as provided by EDR, and dated 03/09/2010 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ORGANIZATIONAL MAINT. SHOP #3	***KUHIO PL***	***ENE 1/4 - 1/2 (0.317 mi.)***	***1***	***7***
Facility Status: Site Cleanup Completed (NFA)				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
KALAMAULA LANDFILL	SHWS, ENG CONTROLS
HONO KAI RESORT CONDOMINIUM SEW	UIC
BIRD BUILDERS	SHWS
AMALA PL	CERC-NFRAP, SHWS
VECTOR CONTROL BRANCH, MAUI	SHWS
HOBRON AVE	FINDS, SHWS
FONG CONSTRUCTION	SHWS
MAUI PALMS HOTEL UST	SHWS
310 E KAAHUMANU AVE	FINDS, SHWS, SPILLS
W PAPA AVE	FINDS, SHWS
MAUI MEAT COMPANY FACILITY (FORMER	SHWS, SPILLS
WAIKAPU RD	FINDS, SHWS
PAIA SUGAR MILL	SHWS
MAHALANI ST	FINDS, SHWS
MECO TRANSFORMER 3358	SHWS
Y HATA- MAUI	SHWS
WAIMALUHIA MAUI METH / DRUG LAB AC	SHWS, SPILLS
OLD HALEAKALA HWY	FINDS, LUST
MARK MILL34	LUST
HONOAPIILANI HWY	FINDS, LUST
DAVID PICO CESSPOOL DIGGING	UST
MARK MILL34	UST
HALE MAHAOLU EHIKU	FINDS
HALE MUA SUBDIVISION	FINDS
HONO KAI RESORT - IWS	FINDS
MAKANI A KAI CONDOMINIUMS - IWS	FINDS

OVERVIEW MAP - 2779851.6s

- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME: Makani Kai Hale I and II	CLIENT: Helber , Hastert, and Fee Planners
ADDRESS: 35 Koapaka Lane	CONTACT: Ronald A. Sato
Wailuku HI 96793	INQUIRY #: 2779851.6s
LAT/LONG: 20.9042 / 156.4969	DATE: May 27, 2010 12:15 pm

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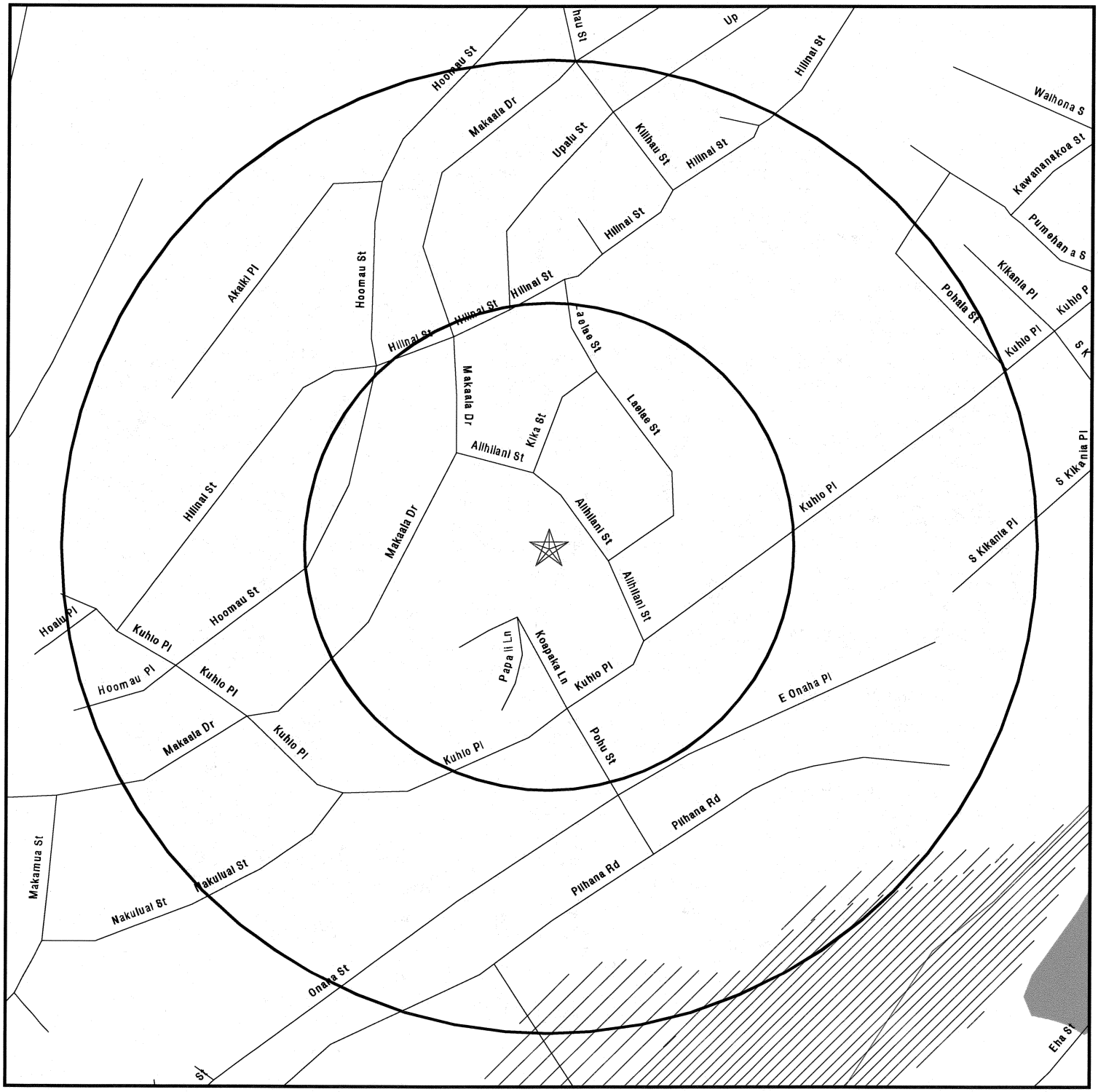
DETAIL MAP - 2779851.6s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME: Makani Kai Hale I and II ADDRESS: 35 Koapaka Lane Wailuku HI 96793 LAT/LONG: 20.9042 / 156.4969	CLIENT: Helber , Hastert, and Fee Planners CONTACT: Ronald A. Sato INQUIRY #: 2779851.6s DATE: May 27, 2010 12:15 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	0	NR	NR	0
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	0	0	4	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	0	0	1	NR	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	0	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
ENE
1/4-1/2
0.317 mi.
1672 ft.

ORGANIZATIONAL MAINT. SHOP #3
KUHIO PL
PAUKUKALO, HI 96793

LUST **U001236810**
UST **N/A**

Relative:
Lower

Actual:
73 ft.

LUST:

Facility ID:	9-501838
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/25/1998
Release ID:	970084
Project Officer:	Jose Ruiz

UST:

Facility ID:	9-501838
Owner:	STATE DOD - ARMY NATIONAL GUARD
Owner Address:	3949 DIAMOND HEAD ROAD
Owner City,St,Zip:	Paukukalo, 96793 96793
Tank ID:	R-1
Date Installed:	12/31/1942
Tank Status:	**Permanently Out of Use**
Date Closed:	5/12/1997
Tank Capacity:	2500
Substance:	Diesel

2
SSW
1/2-1
0.639 mi.
3373 ft.

MAUI DISPOSAL
250 IMI KALA ST
WAILUKU, HI

SHWS **S110061652**
N/A

Relative:
Higher

Actual:
164 ft.

SHWS:

Organization:	United States Postal Service
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Maui Disposal
Hid Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	Site Discovery
Project Manager:	Cal Miyahara
Hazard Priority:	Medium
Site Status:	Ongoing
Action:	Response
Potential Hazards And Controls:	Hazard Present
Closure Document Title:	Not reported
Date Of Closure Document:	Not reported

3
SSW
1/2-1
0.869 mi.
4589 ft.

1790 MILL STREET
1790 MILL ST
WAILUKU, HI 96793

SHWS **S106815273**
SPILLS **N/A**

Relative:
Higher

Actual:
211 ft.

SHWS:

Organization:	1790 Mill Street
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Gomes Construction - 1790 Mill Street, Wailuku, Maui
Hid Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Clarence Callahan
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	8/24/2005 1:18:44 AM

HI SPILLS:

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	20041011-1135
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	No
Units:	1790 Mill Street Soil Disposal
Substances:	Waste Oil
Less Or Greater Than:	>
Numerical Quantity:	25
Units:	Gallons
Activity Type:	Response
Activity Lead:	Paul Chong
Assignment End Date:	12/2/2004
Result:	8
File Under:	1790 Mill Street

4
East
1/2-1
0.877 mi.
4629 ft.

YEE-MAUI TERMINIX
283 WAIEHU BEACH RD
WAILUKU, HI 96793

FINDS **1006819623**
SHWS **N/A**
VCP

Relative:
Lower

Actual:
17 ft.

FINDS:

Registry ID: 110013774594

Environmental Interest/Information System

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP

YEE-MAUI TERMINIX (Continued) **1006819623**

reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

SHWS:

Organization:	Terminix
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Yee-Maui Terminix
Hid Number:	Not reported
Facility Registry Identifier:	110013774594
Lead Agency:	HEER
Program:	VRP
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	No Hazard
Closure Document Title:	LOC - Unrestricted Residential Use
Date Of Closure Document:	8/28/2006 1:15:45 AM

VCP:

Program:	VRP

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5 **MAUI SANDTORCHES** **SHWS** **S106819015**
South **46 TING DR** **N/A**
1/2-1 **WAILUKU, HI 96793**
0.972 mi.
5131 ft.

Relative:
Higher

Actual:
243 ft.

SHWS:

Organization:	Jacqueline Carlin (Former Operator)
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Maui Sandtorches
Hid Number:	HID077670842
Facility Registry Identifier:	110005723217
Lead Agency:	Not reported
Program:	State
Project Manager:	Unassigned
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	4/15/1996 1:19:28 AM

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
KAHULUI	S106816558	BIRD BUILDERS	AMALA PL	96732	SHWS
KAHULUI	1001475719		AMALA PL	96732	CERC-NFRAP, SHWS
KAHULUI	1008918960	HALE MAHAOLU EHIKU	SW CORNER OF PIILANI	96732	FINDS
KAHULUI	S106820852	VECTOR CONTROL BRANCH, MAUI	54 HIGH ST, 641 MUA ST, KAHALE	96793	SHWS
KAHULUI	1006820577		HOBRON AVE	96732	FINDS, SHWS
KAHULUI	1010026602	HALE MUA SUBDIVISION	385 HUKILIKE ST	96732	FINDS
KAHULUI	S106817098	FONG CONSTRUCTION	HUKILIKI ST	96732	SHWS
KAHULUI	S104534290	MAUI PALMS HOTEL UST	150 KAAHUMANU AVE	96732	SHWS
KAHULUI	1006818999		310 E KAAHUMANU AVE	96732	FINDS, SHWS, SPILLS
KAHULUI	1006841969		OLD HALEAKALA HWY	96732	FINDS, LUST
KAHULUI	U001236769	DAVID PICO CESSPOOL DIGGING	OLD HALEAKALA HWY	96732	UST
KAHULUI	1006820345		W PAPA AVE	96732	FINDS, SHWS
KAHULUI	S106819004	MAUI MEAT COMPANY FACILITY (FORMER	601 2ND ST	96732	SHWS, SPILLS
KAHULUI	1006819647		WAIKAPU RD	96732	FINDS, SHWS
PAIA	S106819555	PAIA SUGAR MILL	BALDWIN AVE	96732	SHWS
WAILUKU	S109096050	MARK MILL34	1487TH & 1488 HONOAPIILANI HWY	96793	LUST
WAILUKU	U004120867	MARK MILL34	1487TH & 1488 HONOAPIILANI HWY	96793	UST
WAILUKU	1012141502	HONO KAI RESORT - IWS	280 HAUOLI ST	96793	FINDS
WAILUKU	1012141156	MAKANI A KAI CONDOMINIUMS - IWS	300 HAUOLI ST	96793	FINDS
WAILUKU	S109953347	HONO KAI RESORT CONDOMINIUM SEW	280 HAUOLI ST	96793	UIC
WAILUKU	S108859913	KALAMAULA LANDFILL	HOAWA RD	96793	SHWS, ENG CONTROLS
WAILUKU	1006842014		HONOAPIILANI HWY	96793	FINDS, LUST
WAILUKU	1006819707		MAHALANI ST	96793	FINDS, SHWS
WAILUKU	S110061657	MECO TRANSFORMER 3358	1540 E MAIN ST	96793	SHWS
WAILUKU	S108008644	Y HATA- MAUI	200 WAIEHU BEACH RD	96793	SHWS
WAILUKU	S108859869	WAIMALUHIA MAUI METH / DRUG LAB AC	115 WAIMALUHIA	96793	SHWS, SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/30/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites List

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills in the State of Hawaii

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2010
Date Data Arrived at EDR: 04/08/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 41

Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 33

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites
A listing of sites with engineering controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 404-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites
Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites
With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/23/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 28

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing
A listing of permitted drycleaner facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

AIRS: List of Permitted Facilities
A listing of permitted facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/14/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MAKANI KAI HALE I AND II
35 KOAPAKA LANE
WAILUKU, HI 96793

TARGET PROPERTY COORDINATES

Latitude (North):	20.90420 - 20° 54' 15.1"
Longitude (West):	156.4969 - 156° 29' 48.8"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	760376.1
UTM Y (Meters):	2313439.0
Elevation:	132 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	20156-H4 KAHAKULOA, HI
Most Recent Revision:	Not reported
West Map:	20156-H5 NAPILI, HI
Most Recent Revision:	Not reported

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

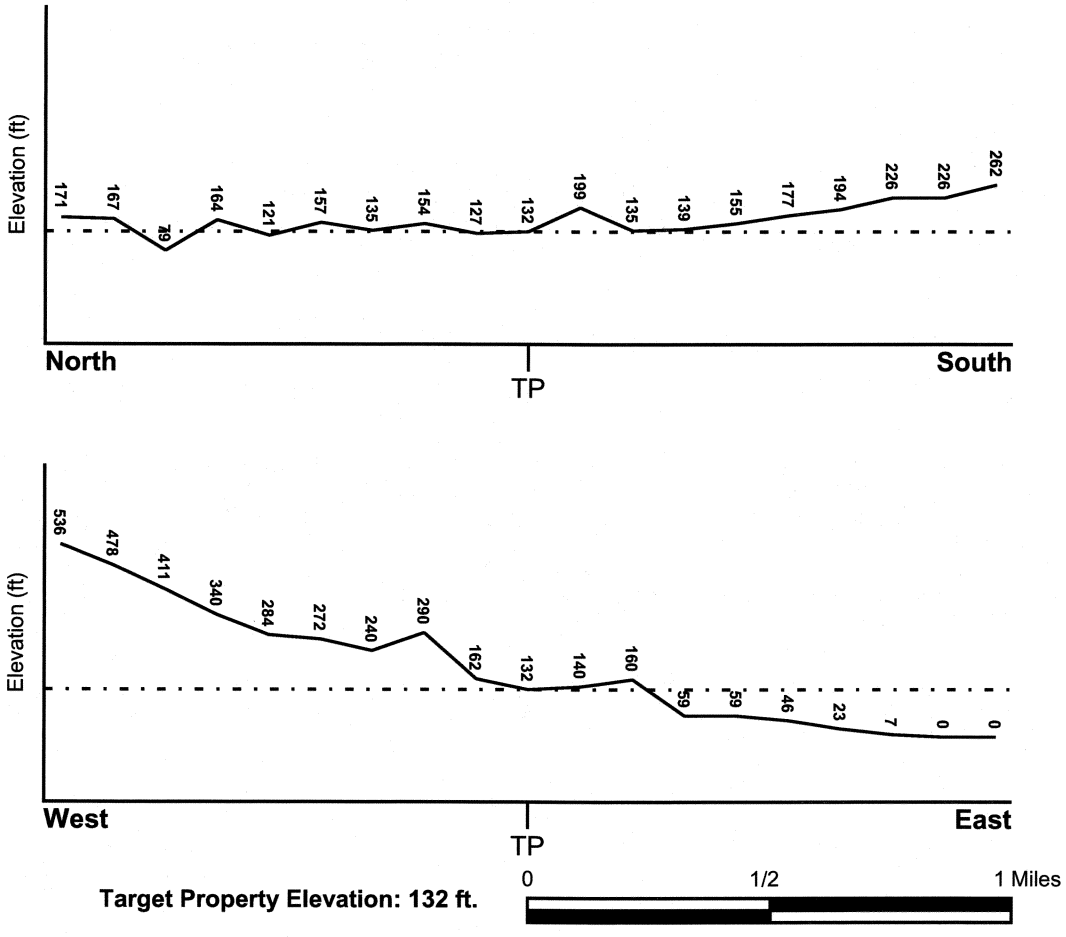
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
MAUI, HI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 1500030190D - FEMA Q3 Flood data

Additional Panels in search area: 1500030160B - FEMA Q3 Flood data
1500030180B - FEMA Q3 Flood data
1500030170B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

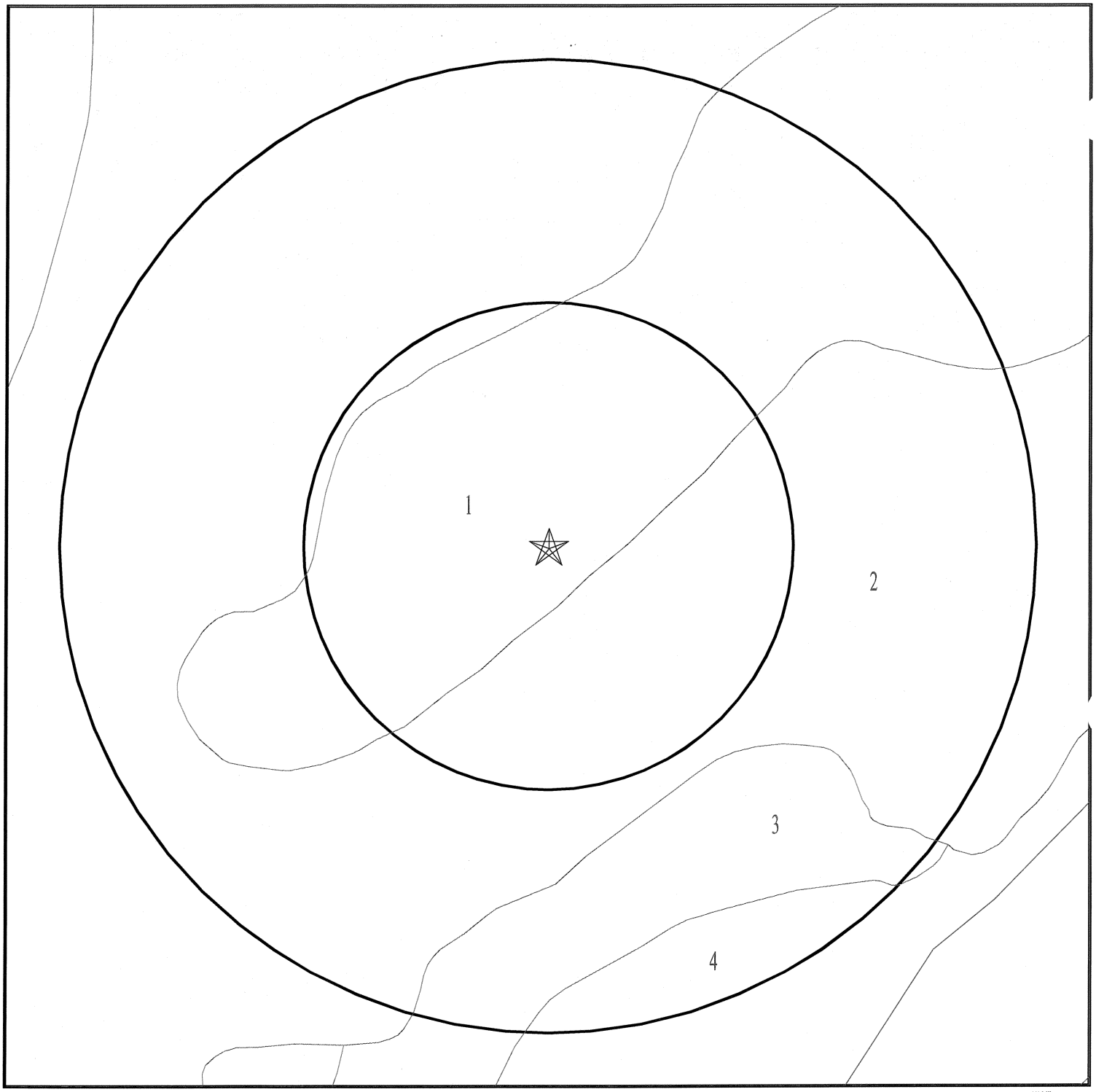
Era:	-
System:	-
Series:	-
Code:	N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2779851.6s



★ Target Property

SSURGO Soil

Water

0 1/16 1/8 1/4 Miles

NE

SITE NAME:	Makani Kai Hale I and II	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	35 Koapaka Lane Wailuku HI 96793	CONTACT:	Ronald A. Sato
LAT/LONG:	20.9042 / 156.4969	INQUIRY #:	2779851.6s
		DATE:	May 27, 2010 12:15 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Jaucas

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	12 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42.34	Max: 8.4 Min: 6.6
2	12 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42.34	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: Puuone

Soil Surface Texture: sand

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 8.5 Min: 8
2	20 inches	40 inches	cemented material	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 8.5 Min: 8

Soil Map ID: 3

Soil Component Name: Iao

Soil Surface Texture: cobbly silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	cobbly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 6.6
2	14 inches	48 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 6.6
3	48 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 1.41	Max: 7.3 Min: 6.6

Soil Map ID: 4

Soil Component Name: Pulehu

Soil Surface Texture: cobbly clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	cobbly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14.11	Max: 7.8 Min: 6.6
2	20 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14.11	Max: 7.8 Min: 6.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

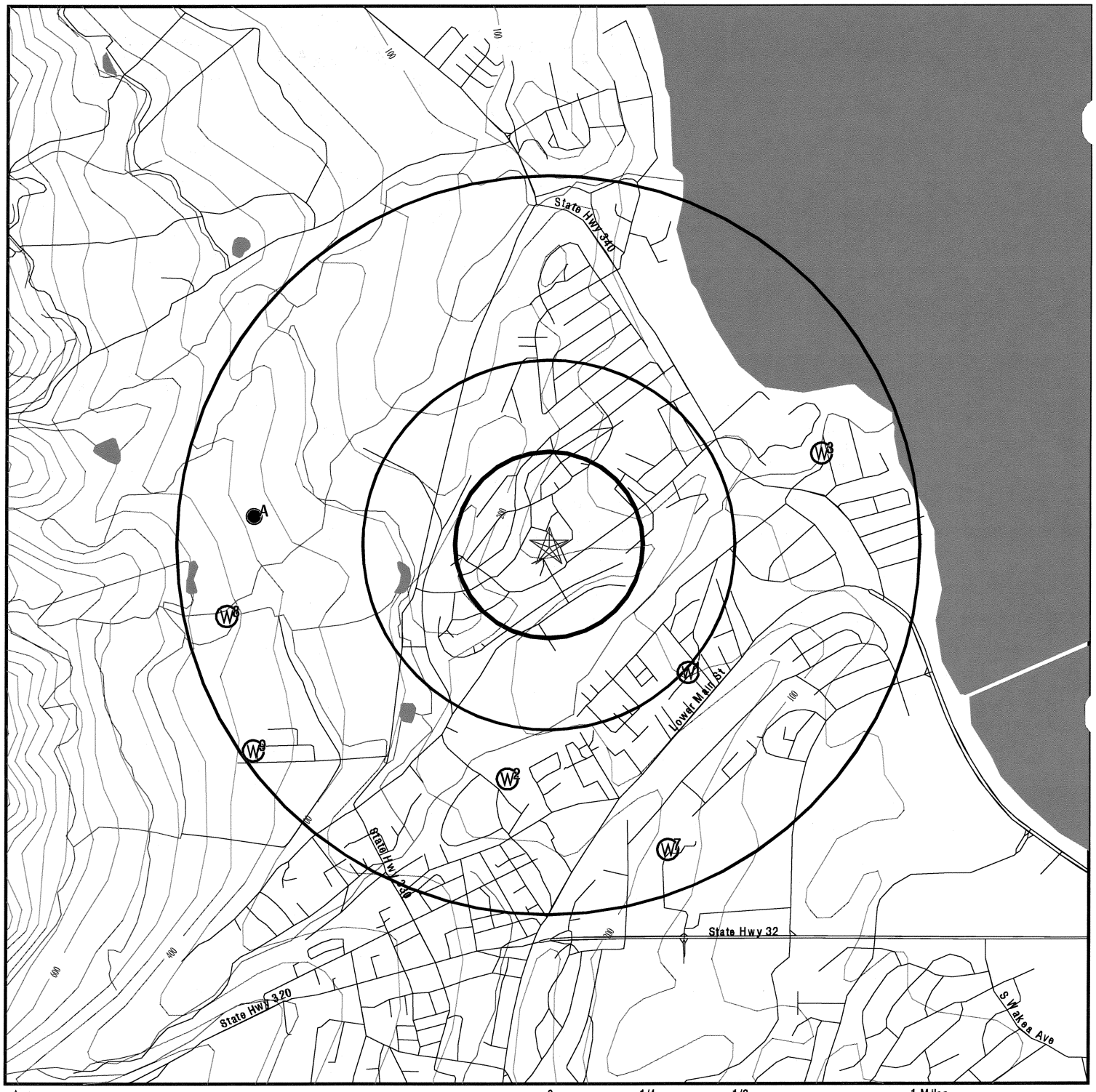
MAP ID	WELL ID	LOCATION FROM TP
A6	HI0000212	1/2 - 1 Mile West

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	HI5000000001440	1/2 - 1 Mile SE
2	HI5000000001429	1/2 - 1 Mile South
3	HI5000000001471	1/2 - 1 Mile ENE
A4	HI5000000001458	1/2 - 1 Mile West
A5	HI5000000001459	1/2 - 1 Mile West
7	HI5000000001422	1/2 - 1 Mile SSE
8	HI5000000001450	1/2 - 1 Mile WSW
9	HI5000000001430	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 2779851.6s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location

SITE NAME: Makani Kai Hale I and II	CLIENT: Helber , Hastert, and Fee Planners
ADDRESS: 35 Koapaka Lane	CONTACT: Ronald A. Sato
Wailuku HI 96793	INQUIRY #: 2779851.6s
LAT/LONG: 20.9042 / 156.4969	DATE: May 27, 2010 12:15 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
1 **SE** **1/2 - 1 Mile** **Lower**	**HI WELLS**	**HI5000000001440**

Wid:	6-5429-002	Island:	6
Well no:	5429-02	Well name:	Papohaku Park
Old name:	Not Reported	Yr drilled:	1991
Driller:	ROSCOE MOSS	Quad map:	05
Longitude2:	1562938	Latitude27:	205409
Longitude8:	1562928	Latitude83:	205357
Lat83d:	20	Lat83m:	53
Lat83s:	57	Lon83d:	156
Lon83m:	29	Lon83s:	28
Lat83dd:	20.89917		
Lon83dd:	-156.49111		
Long83dd:	-156.49111		
Lat83dd 1:	20.89917		
Gps:	0	Utm:	1
Owner user:	Maui Pks & Rec	Old number:	Not Reported
Well type:	PER	Casing dia:	8
Ground el:	85	Well depth:	140
Solid case:	80	Perf case:	110
Use:	IRR - Parks		
Use year:	91		
Init water:	24.7		
Init head:	24.71		
Init chlor:	60	Init cl:	60.00000
Test date:	6/4/1991	Test gpm:	150
Test ddown:	0.5	Test chlor:	60
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	150.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	RA
Pump yr:	91	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-55
Bot solid:	5	Bot perf:	-25
Spec capac:	300	Pump mgd:	0.210
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-4-030:015	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	06/07/1991
Pir:	7/7/1991	Surveyor:	Not Reported
T:	140.00000	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001440

2 **South** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI5000000001429**

Wid:	6-5330-004	Island:	6
Well no:	5330-04	Well name:	Wailuku Mill TH
Old name:	Not Reported	Yr drilled:	1945
Driller:	MULLIN	Quad map:	05
Longitude2:	1563005	Latitude27:	205354
Longitude8:	1562955	Latitude83:	205342
Lat83d:	20	Lat83m:	53
Lat83s:	42	Lon83d:	156
Lon83m:	29	Lon83s:	55
Lat83dd:	20.895		
Lon83dd:	-156.49861		
Long83dd:	-156.49861		
Lat83dd 1:	20.895		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	113-TH
Well type:	ROT	Casing dia:	1
Ground el:	180	Well depth:	705
Solid case:	663	Perf case:	705
Use:	OBS - Observation		
Use year:	45		
Init water:	16.4		
Init head:	16.4		
Init chlor:	22	Init cl:	22.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	16.4	Max chlor:	135
Min chlor:	25	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	56	Maxchl:	1/1/1953
Maxchl yr:	53	Minchl:	1/1/1956
Minchl yr:	56	Bot hole:	-525
Bot solid:	-483	Bot perf:	-525
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	16.40000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1945
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001429

3
ENE
1/2 - 1 Mile
Lower

HI WELLS **HI5000000001471**

Wid:	6-5429-001	Island:	6
Well no:	5429-01	Well name:	De Lara
Old name:	Not Reported	Yr drilled:	1947
Driller:	VENTURA J	Quad map:	05
Longitude2:	1562918	Latitude27:	205440
Longitude8:	1562908	Latitude83:	205428
Lat83d:	20	Lat83m:	54
Lat83s:	28	Lon83d:	156
Lon83m:	29	Lon83s:	08
Lat83dd:	20.90778		

Lon83dd:	-156.48556		
Long83dd:	-156.48556		
Lat83dd 1:	20.90778		
Gps:	0	Utm:	1
Owner user:	De Lara J	Old number:	18-
Well type:	Not Reported	Casing dia:	8
Ground el:	Not Reported	Well depth:	31
Solid case:	22	Perf case:	Not Reported
Use:	IRR - Irrigation (non-domestic, non-agriculture)		
Use year:	56		
Init water:	Not Reported		
Init head:	0		
Init chlor:	528	Init cl:	528.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	3.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	528
Min chlor:	45	Geology:	RA
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	47	Maxchl:	1/1/1947
Maxchl yr:	47	Minchl:	1/1/1948
Minchl yr:	48	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-4-029:031	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1947
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001471

A4
West
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001458**

Wid:	6-5430-001	Island:	6
Well no:	5430-01	Well name:	Waiehu Hts 1
Old name:	Not Reported	Yr drilled:	1975
Driller:	WAT RES INTL	Quad map:	05
Longitude2:	1563042	Latitude27:	205430
Longitude8:	1563032	Latitude83:	205419
Lat83d:	20	Lat83m:	54
Lat83s:	19	Lon83d:	156
Lon83m:	30	Lon83s:	32
Lat83dd:	20.90528		
Lon83dd:	-156.50889		
Long83dd:	-156.50889		
Lat83dd 1:	20.90528		
Gps:	1	Utm:	0
Owner user:	Maui DWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	337	Well depth:	675
Solid case:	337	Perf case:	367
Use:	MUN - County		
Use year:	76		
Init water:	18.0		

Init head:	18		
Init chlor:	52	Init cl:	52.00000
Test date:	########	Test gpm:	1300
Test ddown:	6.5	Test chlor:	51
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	700.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	130
Min chlor:	37	Geology:	TW
Pump yr:	07	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	1/1/1987
Maxchl yr:	0	Minchl:	########
Minchl yr:	0	Bot hole:	-338
Bot solid:	0	Bot perf:	-30
Spec capac:	200	Pump mgd:	1.008
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-3-002:028	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	05/01/1975
Pir:	########	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	-22
Pump depth:	359	Site id:	HI5000000001458

A5
West
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001459**

Wid:	6-5430-002	Island:	6
Well no:	5430-02	Well name:	Waiehu Hts 2
Old name:	Not Reported	Yr drilled:	1975
Driller:	WAT RES INTL	Quad map:	05
Longitude2:	1563043	Latitude27:	205431
Longitude8:	1563033	Latitude83:	205420
Lat83d:	20	Lat83m:	54
Lat83s:	20	Lon83d:	156
Lon83m:	30	Lon83s:	33
Lat83dd:	20.90556		
Lon83dd:	-156.50917		
Long83dd:	-156.50917		
Lat83dd 1:	20.90556		
Gps:	1	Utm:	0
Owner user:	Maui DWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	337	Well depth:	543
Solid case:	337	Perf case:	367
Use:	MUN - County		
Use year:	76		
Init water:	18.0		
Init head:	18		
Init chlor:	20	Init cl:	20.00000
Test date:	########	Test gpm:	1300
Test ddown:	21.0	Test chlor:	20
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	1250.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	84
Min chlor:	16	Geology:	TW
Pump yr:	98	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported

Maxchl yr:	0	Minchl:	1/1/1987
Minchl yr:	0	Bot hole:	-206
Bot solid:	0	Bot perf:	-30
Spec capac:	62	Pump mgd:	1.790
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-3-002:028	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	05/18/1975
Pir:	########	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	-23
Pump depth:	360	Site id:	HI5000000001459

A6
West
1/2 - 1 Mile
Higher

FRDS PWS HI0000212

PWS ID: HI0000212
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: DWS WAILUKU
WAILUKU, MAUI, HI 96793

Addressee / Facility: System Owner/Responsible Party
MR. DAVID CRADDOCK, DIRECTOR
DEPARTMENT OF WATER SUPPLY
P.O. BOX 1109
WAILUKU, HI 96793

Addressee / Facility: Laboratory
MS. CARI CERIZO
DEPARTMENT OF WATER SUPPLY
614 PALAPALA DRIVE
KAHULUI, MAUI, HI 96732

Facility Latitude:	20 53 12.0000	Facility Longitude:	156 32 14.0000
Facility Latitude:	20 53 29.0000	Facility Longitude:	156 30 55.0000
Facility Latitude:	20 54 40.0000	Facility Longitude:	156 31 1.0000
Facility Latitude:	20 54 40.0000	Facility Longitude:	156 31 2.0000
Facility Latitude:	20 54 44.0000	Facility Longitude:	156 31 4.0000
Facility Latitude:	20 54 32.0000	Facility Longitude:	156 30 44.0000
Facility Latitude:	20 54 30.0000	Facility Longitude:	156 30 44.0000
Facility Latitude:	20 53 9.0000	Facility Longitude:	156 32 30.0000
Facility Latitude:	20 53 30.0000	Facility Longitude:	156 30 54.0000
City Served:	WAILUKU		
Treatment Class:	Treated	Population:	41691

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10101	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10101	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10101	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Monthly (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/19/2000 0:00:00
Enf action:	State Public Notif Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10201	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Acute (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Violation/Reminder Notice		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10201	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Acute (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/16/2000 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	HI0000212
Pwsname:	WAILUKU		
Retpopsrvd:	52200	Pwstypecod:	C
Vioid:	10201	Contaminant:	COLIFORM (TCR)
Viol. Type:	MCL, Acute (TCR)		
Complperbe:	10/1/2000 0:00:00		
Complperen:	10/31/2000 0:00:00	Enfdate:	10/19/2000 0:00:00
Enf action:	State Public Notif Issued		
Violmeasur:	Not Reported		

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10101		
Enforcement Date:	10/16/00	Enf. Action:	State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10101		
Enforcement Date:	10/16/00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10101		
Enforcement Date:	10/19/2000 0:00:00	Enf. Action:	State Public Notif Issued
System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10101		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10101		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10101		
Enforcement Date:	10/19/00	Enf. Action:	State Public Notif Issued
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10201		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10201		
Enforcement Date:	10/16/2000 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2000 0:00:00 - 10/31/2000 0:00:00		
Violation ID:	10201		
Enforcement Date:	10/19/2000 0:00:00	Enf. Action:	State Public Notif Issued
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10201		
Enforcement Date:	10/16/00	Enf. Action:	State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10201		
Enforcement Date:	10/16/00	Enf. Action:	State Violation/Reminder Notice
System Name:	WAILUKU		
Violation Type:	MCL, Acute (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/01/00 - 10/31/00		
Violation ID:	10201		
Enforcement Date:	10/19/00	Enf. Action:	State Public Notif Issued

CONTACT INFORMATION:

Name:	WAILUKU	Population:	52200
Contact:	ENG, JEFFREY	Phone:	808-270-7816
Address:	Department of Water Supply		
Address 2:	200 South High Street WAILUKU, HI 96793		

7
SSE
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001422**

Wid:	6-5329-017	Island:	6
Well no:	5329-17	Well name:	Wailuku Arm
Old name:	Not Reported	Yr drilled:	1969
Driller:	ROSCOE MOSS	Quad map:	05
Longitude2:	1562941	Latitude27:	205344
Longitude8:	1562931	Latitude83:	205332
Lat83d:	20	Lat83m:	53
Lat83s:	32	Lon83d:	156
Lon83m:	29	Lon83s:	31
Lat83dd:	20.89222		
Lon83dd:	-156.49194		
Long83dd:	-156.49194		
Lat83dd 1:	20.89222		
Gps:	0	Utm:	1
Owner user:	U S Army	Old number:	Not Reported
Well type:	PER	Casing dia:	8
Ground el:	180	Well depth:	122
Solid case:	102	Perf case:	Not Reported
Use:	UNU - Unused		
Use year:	69		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	Not Reported
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported

Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	58
Bot solid:	78	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	04/04/1969
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001422

8
WSW **HI WELLS** **HI5000000001450**
1/2 - 1 Mile
Higher

Wid:	6-5430-003	Island:	6
Well no:	5430-03	Well name:	Waiehu TH-E
Old name:	Not Reported	Yr drilled:	1976
Driller:	CONTINENTAL	Quad map:	05
Longitude2:	1563047	Latitude27:	205417
Longitude8:	1563037	Latitude83:	205405
Lat83d:	20	Lat83m:	54
Lat83s:	05	Lon83d:	156
Lon83m:	30	Lon83s:	37
Lat83dd:	20.90139		
Lon83dd:	-156.51028		
Long83dd:	-156.51028		
Lat83dd 1:	20.90139		
Gps:	1	Utm:	0
Owner user:	Wailuku Agribusiness Co., Inc.	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	3
Ground el:	415	Well depth:	580
Solid case:	Not Reported	Perf case:	Not Reported
Use:	OBS - Observation		
Use year:	Not Reported		
Init water:	14.4		
Init head:	14.4		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-165
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	3-3-002:001	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1976
Pir:	Not Reported	Surveyor:	Not Reported

T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001450

9
SW
1/2 - 1 Mile
Higher

HI WELLS **HI5000000001430**

Wid:	6-5330-012	Island:	6
Well no:	5330-12	Well name:	Puuohala TH-C
Old name:	Not Reported	Yr drilled:	1975
Driller:	CONTINENTAL	Quad map:	05
Longitude2:	1563043	Latitude27:	205358
Longitude8:	1563033	Latitude83:	205346
Lat83d:	20	Lat83m:	53
Lat83s:	46	Lon83d:	156
Lon83m:	30	Lon83s:	33
Lat83dd:	20.89611		
Lon83dd:	-156.50917		
Long83dd:	-156.50917		
Lat83dd 1:	20.89611		
Gps:	0	Utm:	1
Owner user:	Wailuku Sugar	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	1
Ground el:	398	Well depth:	610
Solid case:	400	Perf case:	610
Use:	UNU - Unused		
Use year:	Not Reported		
Init water:	16.7		
Init head:	16.7		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	Not Reported	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-212
Bot solid:	-2	Bot perf:	-212
Spec capac:	Not Reported	Pump mgd:	Not Reported
Draft mgd:	Not Reported	Aquifer:	60102
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60102	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	08/12/1975
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001430

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MAUI County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96793

Number of sites tested: 11

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.291 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database
Source: Department of Land and Natural Resources
Telephone: 808-587-0214
CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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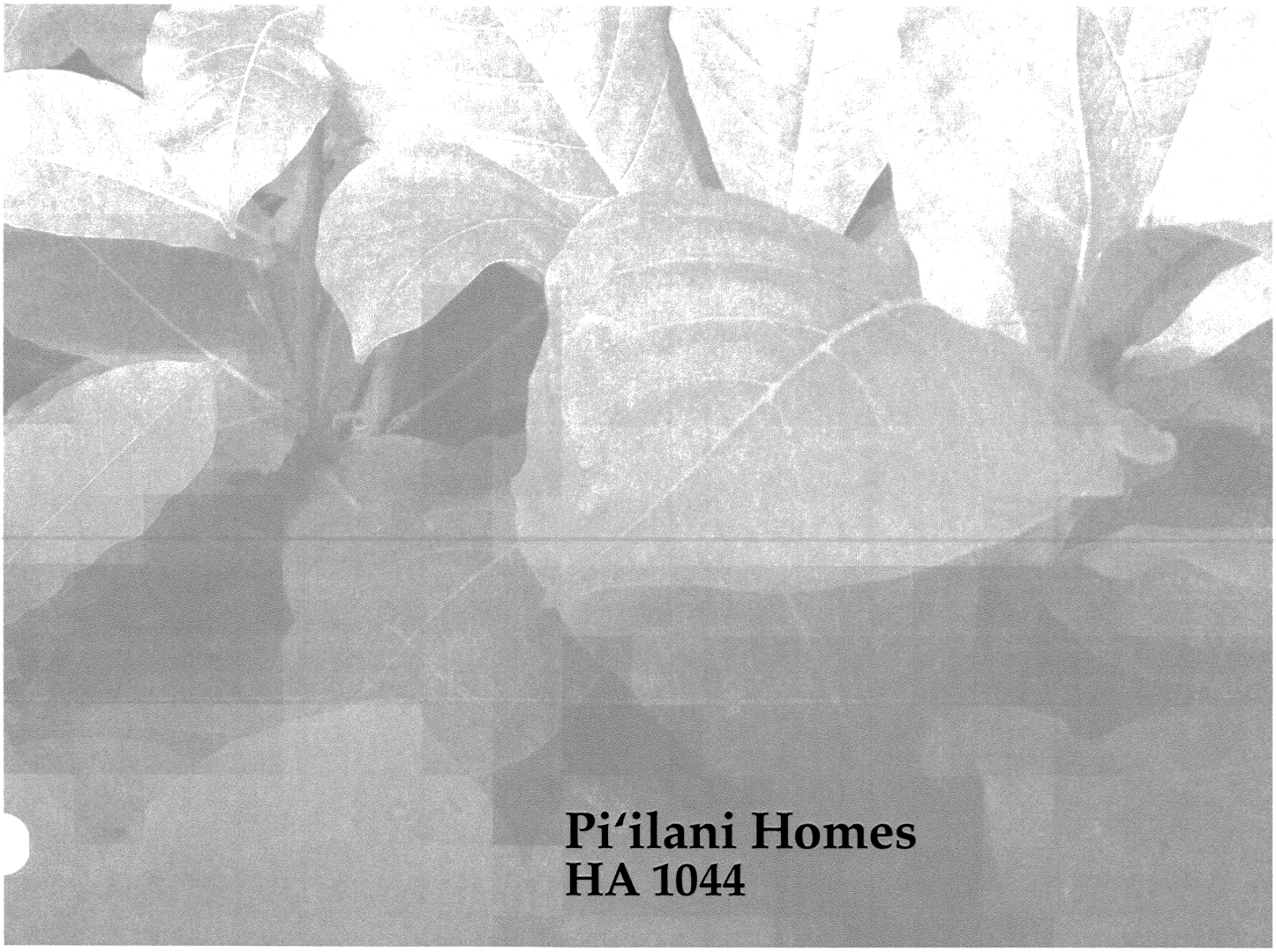
Pi'ilani Homes
HA 1044



Pi'ilani Homes
HA 1044

Certification of Categorical Exclusion (subject to 58.5)

Determination of activities listed at 24 CFR 58.35(a)
May be subject to provisions of Sec 58.6, as applicable

Grant Recipient: HPHA Project Name: Pi'ilani Homes
Project Description (Include all actions which are either geographically or functionally related):

Improvements may involve the following:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 1028 Waine'e Street, Lahaina, Maui 96761
Funding Source: CDBG HOME ESG HOPWA EDI (Capital Fund) Operating Subsidy Hope VI (Other)
Funding Amount: _____ Grant Number: _____

I hereby certify that the abovementioned project has been reviewed and determined to be a Categorically Excluded activity (subject to 58.5) per 24 CFR 58.35(a) as follows:

	1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalks, repaving of streets);
	2. Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
	3. Rehabilitation of buildings and improvements when the following conditions are met: i. In the case of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland; ii. In the case of multifamily residential buildings: (A) Unit density is not changed more than 20 percent; (B) The project does not involve changes in land use from residential to non-residential; and (C) The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation. iii. In the case of non-residential structures, including commercial, industrial, and public buildings: (A) The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and (B) The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another.
	4. (i) An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between; or (ii) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site. (iii) Paragraphs (a)(4)(i) and (ii) of this section do not apply to rehabilitation of a building for residential use (with one to four units) (see paragraph (a)(3)(i) of this section).

	5. Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.
X	6. Combinations of the above activities.

The responsible entity must also complete and attach a **Statutory Checklist**. By signing below the Responsible Entity certifies in writing that each activity or project is Categorically Excluded (subject to 58.5) and meets the conditions specified for such exemption under section 24 CFR 58.35(a). Please keep a copy of this determination in your project files.

Mr. Neil Abercrombie
Responsible Entity Certifying Official Name

Governor, State of Hawaii
Title (please print)

Neil Abercrombie
Responsible Entity Certifying Official Signature

5.31.11
Date

Compliance Documentation Checklist
24 CFR 58.6

Project Name: Pi'ilani Homes

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 1028 Waine'e Street, Lahaina, Maui 96761

Level of Environmental Review Determination: Categorically Excluded subject to statutes per § 58.35(a)
(Select One: Exempt per 24 CFR 58.34, or Categorically Excluded not subject to statutes per § 58.35(b), or Categorically Excluded subject to statutes per § 58.35(a), or Environmental Assessment per § 58.36, or EIS per 40 CFR 1500)

STATUTES and REGULATIONS listed at 24 CFR 58.6

FLOOD DISASTER PROTECTION ACT

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard?

(X) No; Cite Source Document: Flood Insurance Rate Map Panel 1500030383E
( ) Yes; Source Document: _____

2. Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

(X) Yes (Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration must be kept on file).
( ) No **(Federal assistance may not be used in the Special Flood Hazards Area).**

COASTAL BARRIERS RESOURCES ACT

1. Is the project located in a coastal barrier resource area?

(X) No; Hawai'i has no coastal barriers (http://www.fws.gov/habitatconservation/coastal_barrier.html).
( ) Yes **(Federal assistance may not be used in such an area).**

AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES DISCLOSURES

1. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

(X) No; Source Documentation: Kahului Airport Master Plan (1993)

Project complies with 24 CFR 51.303(a)(3).

( ) Yes; **Disclosure statement must be provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record.

Mr. Neil Abercrombie	Governor, State of Hawaii
Responsible Entity Certifying Official Name	Title (please print)
Neil Abercrombie	5.31.11
Responsible Entity Certifying Official Signature	Date

STATUTORY CHECKLIST

24 CFR §58.5 STATUTES, EXECUTIVE ORDERS & REGULATIONS

Grant Recipient: HPHA Project Name: Pi'ilani Homes

Project Description (Include all actions which are either geographically or functionally related):

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

Location: 1028 Waine'e Street, Lahaina, Maui 96761

This project is determined to be categorically excluded according to: [Cite section(s)]: § 58.35(a)

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5	N/A	Consultation, Review, Permits Required	Consistency Determination	Condition, Mitigation	**Compliance Documentation**
I. Historic Preservation [36 CFR Part 800]	X				Printed-State and National Registers of Historic Places Field-Site Visit
II. Floodplain Management [24 CFR 55, Executive Order 11988]	X				Printed-Flood Insurance Rate Map Pannel Number 1500030383E Field-Site Visit
III. Wetland Protection [Executive Order 11990]	X				Printed-State of Hawai'i Wetlands GIS data (September 2009) Field-Site Visit

IV. Coastal Zone Management Act [16 USC 1451,Sections 307(c), (d)]	X				Contact – State Office of Planning, DBED&T Experience-Previous correspondence with Office of Planning
V. Safe Drinking Water Act (42 USC 201, 300(f) & 21 U.S.C. 349)	X				Printed-42 USC 201, 300(f) & 21 U.S.C. 349 Field-Site Visit
VI. Sole Source Aquifers [40 CFR Part 149]	X				Printed-MOU between HUD & EPA, Region IX, (4/30/1990)
VII. Endangered Species Act [50 CFR Part 402]				X	Contact-US Fish and Wildlife Service
VIII. Wild and Scenic Rivers Act [16 USC 1271, Sections 7(b), and (c)]	X				Printed-List of Wild and Scenic Rivers from the Fish and Wildlife Service (June 2009)
IX. Clean Air Act [40 CFR Parts 6, 51, 93]	X				Printed-State of Hawai'i, Department of Health Clean Air Branch, Annual Summary, Hawai'i Air Quality Data, 2008 http://epa.gov/airquality/greenbk/
X. Farmland Protection Policy Act [7 CFR Part 658]	X				Printed-State of Hawai'i Land Use GIS data (May 2010) Field-Site Visit
XI. Environmental Justice [Executive Order 12898]	X				Printed EO 12898
HUD ENVIRONMENTAL STANDARDS					
XII. Noise Abatement and Control [24 CFR Part 51B]	X				Field-Site Visit
XIII. Explosive and Flammable Operations [24 CFR Part 51C]	X				Printed-CFR Title 24, Part 51.201 Experience-Prior Environmental Reviews done for this property. Field-Site Visit
XIV. Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i)]	X				Study-EDR Report Field-Site Visit
XV. Airport Clear Zones and Accident Potential Zones [24 CFR Part 51D]	X				Printed-Kahului Airport Master Plan (1993)

DETERMINATION:

( ) This project converts to Exempt, per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license (Status "A" has been determined in the status column for all authorities); **Funds may be drawn down** for this (now) EXEMPT project; OR

(X) This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per Section 58.70 and 58.71 before drawing down funds; OR

( ) The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

PREPARER SIGNATURE: Scott Ezer DATE: December 10, 2010

PREPARER NAME: Mr. Scott Ezer

RESPONSIBLE ENTITY AGENCY

OFFICIAL SIGNATURE: Neil Abercrombie

NAME, TITLE: Mr. Neil Abercrombie, Governor, State of Hawaii DATE: 5.31.11

PI'ILANI HOMES (HA # 1044)
TMK: (2) 44-5-007:005

Hawai'i Public Housing Authority (HPHA) Environmental Review

SOURCE DOCUMENTATION (SD) STATUTORY WORKSHEET

Site Visit Date: June 29, 2010 Prepared By: Norren Kato

PROJECT DESCRIPTION

The Pi'ilani Homes housing project was constructed in 1970 and is located at 1028 Waine'e Street in the town of Lahaina on the island of Maui. A location map shows this housing project located along Waine'e Street.

The Pi'ilani Homes property is identified as Tax Map Key (TMK) No. (2) 4-5-007:005, and consists of 68,089 square feet, and is situated within the State's "Urban District." This entire housing project is comprised of nine (9) buildings providing a total of 42 housing units. The following figures provide supporting information on this housing project.

Figure 1: Location map and Flood Insurance Rate Map (FIRM) information
Figure 2: TMK Map
Figure 3: Site plan
Figure 4: Portion of Flood Insurance Rate Map, Panel Number 1500030361E

COMPLIANCE FACTORS

I. HISTORIC PRESERVATION (36 CFR PART 800)

CONTACT:

Supporting Documents
X Field
____ Contact
____ Printed
X Experience
____ Study

DETERMINATION:

Status Category: Not Applicable

Pi'ilani Homes was constructed in 1970. At the earliest, any qualifying structures at the project site will not reach a 50-year milestone until 2020. As such, it does not qualify for the State or National Registers of Historic Places. The site visit did not identify any non-building sites or unique features that could be distinguished as potential archaeological or historic sites.

SUPPORTING DOCUMENTATION:

Field: A site visit of the housing project property did not identify any sites or features that could be distinguished as historic sites. The property has been highly urbanized with development of buildings, roadways, sidewalks, and other accessory facilities. The existing buildings are of more recent construction and thus do not meet the 50-year criteria to be eligible for the National Register of Historic Places.

Experience: Research conducted of the State Historic Preservation Division's (SHPD) listing of properties on the National and State Register of Historic Places records did not identify any sites within the project site.

II. FLOODPLAIN MANAGEMENT (EXECUTIVE ORDER 11988, 24 CFR PART 55)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

Project site is located in Zone X, and is determined to have minimal flood hazard and outside the 500-year flood area.

SUPPORTING DOCUMENTATION:

Field: A site visit and interview with the maintenance supervisor indicated no flooding or ponding on the premises.

Printed: Flood Insurance Rate Map, Maui County, Hawai'i
Community Panel Number 1500030361E, Revised September 25, 2009 (see Figure 1 and 4)

III. WETLANDS PROTECTION (EXECUTIVE ORDER 11990)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known wetlands within the housing project's property, and therefore, no wetlands will be adversely impacted by the project improvements.

SUPPORTING DOCUMENTATION:

Field: A site visit of the property did not identify any wetlands present.

Printed: Review of State of Hawai'i Geographic Information System (GIS) data for wetlands (updated June 2010).

IV. COASTAL ZONE MANAGEMENT ACT (16 USC 1451, SECTIONS 307 (c), (d))

CONTACT:
Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawai'i 96804

Supporting Documents	
____	Field
X	Contact
____	Printed
X	Experience
____	Study

DETERMINATION:

Status Category: Not Applicable

Projects receiving federal funds from the U.S. Department of Housing and Urban Development (HUD), Public Housing Capitol Fund (OMB Catalog No. 14.872) do not require review for consistency with Hawai'i's CZM program based upon prior determinations from the State Office of Planning.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated June 22, 2010 was submitted to the Director of the Office of Planning determining that repair and rehabilitation improvements that may be implemented using HUD funds did not require CZM federal consistency review. A copy of this letter is enclosed in Exhibit B.

Experience: A previous letter from the State Office of Planning, dated July 20, 2005, as part of similar environmental reviews conducted in 2005 determined that their review for consistency with Hawai'i's CZM program was not required. A copy of this is included with the letter in Exhibit B.

V. SAFE DRINKING WATER ACT (42 USC 201, 300 (f) & 21 USC 349)

Supporting Documents
- X Field
- ____ Contact
- X Printed
- ____ Experience
- ____ Study

DETERMINATION:

Status Category: Not Applicable

There were no activities observed during the site visit that would degrade the quality of drinking water. In addition, the proposed improvements will not have any impact on drinking water quality.

SUPPORTING DOCUMENTATION:

Field: There were no known or existing activities or structures observed within the housing project during the site visit that could adversely impact ground water resources and subsequent drinking water. A Maui County water system currently provides potable water service to this project and is responsible to provide safe drinking water. The rehabilitation improvements being considered are not expected to adversely impact this water system. Proposed improvements are also not expected to affect groundwater resources that may be used for bottled water (21 USC §349).

Printed: Title 42, Chapter 6A, Subchapter 1, §201; Title 42, Chapter 6A, Subchapter 7, §300(f); Title 21, Chapter 9, Subchapter IV, §349

VI. SOLE SOURCE AQUIFER (40 CFR PART 149)

Supporting Documents
- ____ Field
- ____ Contact
- X Printed
- ____ Experience
- ____ Study

DETERMINATION:

Status Category: Not Applicable

The housing project is not located in a designated sole source aquifer listed under the HUD-EPA (Region IX) Sole Source Aquifer Memorandum of April 30, 1990.

SUPPORTING DOCUMENTATION:

Printed: This determination was based upon review of the Sole Source Aquifer Memorandum of 4/30/90 (Sections II.B.1 and II.B.2) and consideration of the type of rehabilitation related improvements that would be conducted for this project.

VII. ENDANGERED SPECIES (50 CFR PART 402)

CONTACT:
Mr. Loyal Mehrhoff, Field Supervisor
Pacific Islands Administrator
U.S. Department of the Interior
Fish and Wildlife Services
Box 50088
Honolulu, Hawai'i 96850
Tel. #: 792-9400

Supporting Documents	
_____	Field
X	Contact
_____	Printed
_____	Experience
_____	Study
_____	

DETERMINATION:

Status Category: Condition, Mitigation

The HPHA determined that the rehabilitation improvements that may be conducted for this housing project would have no adverse affect on any listed species, proposed species, or proposed or designated critical habitat. Based upon consultation with the United States, Fish and Wildlife Service (USFWS), the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel may occur within the general vicinity. The USFWS concurred that the project will not adversely affect these species subject to implementation of mitigative measures.

SUPPORTING DOCUMENTATION:

Contact: A letter from the Hawai'i Public Housing Authority dated May 17, 2010 was submitted to the USFWS determining that repair and rehabilitation improvements that may be implemented using HUD funds did not affect any listed or proposed species, or existing or proposed designated critical habitat. The USFWS provided information indicating that the federally endangered Hawaiian Hoary Bat, Blackburn Sphinx Moth, Newell's Shearwater and Hawaiian Petrel have been observed in the vicinity of the project area. Based upon USFWS consultation with HPHA, it was agreed that the following measures will be implemented, and USFWS has determined that the rehabilitation improvements conducted at Pi'ilani Homes would not adversely affect these species. Copies of these letters are enclosed in Exhibit B.

Hawaiian Hoary Bat

- HPHA would avoid removing or cutting woody plants greater than 15 feet in height during the bat's birthing and pup rearing season (May 15 through August 15).

Blackburn Sphinx Moth

- Construction areas utilized for renovation or rehabilitation improvements that are not entirely within landscaped, paved, or developed areas will be surveyed by a qualified biologist for the presence of the Blackburn's sphinx moth and its host plants.
- No Blackburn's sphinx moth host plant will be removed or trimmed, and the soil within 33 feet (10 meters) of the host plant will be protected from disturbance, throughout implementation of this project.
- If trimming or removal of host plants is required, consultation with the USFWS will first be conducted.

Newell's Shearwater and Hawaiian Petrel

- New project lights, or existing lights identified for replacement will be shielded so the illumination can be seen only from below following guidelines specified by the State Department of Land and Natural Resources, Division of Forestry and Wildlife

VIII. WILD AND SCENIC RIVERS ACT (16 USC 1271, SECTION 7 (b), (c))

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

There are no Wild and Scenic Rivers in Hawai'i which excludes this project from formal consultation requirements.

SUPPORTING DOCUMENTATION:

Printed: http://www.rivers.gov/wildriverslist.html (Date accessed: 8/3/2010)

IX. CLEAN AIR ACT (40 CFR PARTS 6, 51, 93)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The State of Hawai'i is within a designated attainment area for all federal ambient air quality standards as verified under the U.S. EPA's Green Book for currently designated "nonattainment areas" as of June 2010. Planned rehabilitation improvements are not expected to generate significant pollutants affecting the State's status as an attainment area.

SUPPORTING DOCUMENTATION:

Printed: Department of Health. August 2009. *State of Hawai'i Annual Summary 2008 Air Quality Data*. State of Hawai'i.
Web page: http://epa.gov/airquality/greenbk/. (Date accessed: 8/8/10).

X. FARMLANDS PROTECTION (7 CFR PART 658)

Supporting Documents

X	Field
	Contact
X	Printed
	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property. No farmlands will be impacted by the proposed rehabilitation improvements.

SUPPORTING DOCUMENTATION:

Field: The project is in compliance with the Farmlands Protection Act because it involves no new property acquisition or major construction, and would not convert agricultural lands to non-agricultural use. The project is located within the State Land Use Urban District. The existing development is located on urbanized property and there was no existing agricultural land used for farming during the site inspection. No farmlands will be impacted by the proposed rehabilitation improvements.

Printed: Web page: http://www.state.hi.us/dbedt/gis/miscmaps.htm (Date accessed: 6/22/10). The State Land Use designation is Urban.

XI. ENVIRONMENTAL JUSTICE (EXECUTIVE ORDER NO. 12898)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The rehabilitation improvements would not involve acquisition of additional properties resulting in the displacement of residents nor would it result in the displacement of existing residents at the housing project. Therefore, rehabilitation improvements would not result in disproportionately high or adverse human health and environmental effects, including social and economic effects, on minority populations and low-income populations. Improvements should benefit low-income and minority populations associated with this housing project.

SUPPORTING DOCUMENTATION:

Printed: Executive Order 12898.
Web page: http://www.hud.gov/offices/cpd/environment/review/justice.cfm. (Date accessed: 8/6/10)

HUD ENVIRONMENTAL STANDARDS:

XII. NOISE ABATEMENT CONTROL (24 CFR PART 51B)

Supporting Documents

X	Field
_____	Contact
_____	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The housing project site is situated along Honoapi'ilani Highway, with a high volume of vehicular traffic which may generate significant noise. A chain link fence along with trees and shrubs planted along the property line border this highway. Peak periods of noise are expected to occur during morning and afternoon peak commuter periods. During these periods, the noise may reach or exceed 65 decibels (A-weighted scale, or dBA).. However, noise levels during non-peak hours should remain well below 65 dBA. As a result, existing noise volumes are likely to be less than 65 dBA. Proposed rehabilitation improvements are not expected to result in a

significant increase in traffic volumes on adjacent roadways that would increase noise levels above 65 dBA.

SUPPORTING DOCUMENTATION:

Field: There were no significant noise generating sources identified within the project site during the site inspection. Noise sources were predominantly associated with vehicular traffic along adjacent roadways. Roadways along the project area are County and State roadways used predominantly for circulation and local traffic. The area has speed limits of 45 mph along Honoapi'ilani Highway and 25 mph along Waine'e Street. Like many State highways or major arterial roadways, traffic volumes along Honoapi'ilani Highway roadways can be heavy during peak commuter periods. A noise study was conducted in 2007 for the State's Honoapi'ilani Highway widening project in Lahaina. Recorded traffic noise levels along this highway between the intersections of Lahainaluna Road and Dickenson Street were between 66.2 and 67.9 dBA during the midday and afternoon peak hours without any attenuation such as a solid wall (State DOT Honoapi'ilani Highway Widening Project Final EA, February 2007). Existing noise levels at the Piilani Homes project site may be similar along the highway but much lower along County roadways. Rehabilitation improvements are not expected to significantly change existing traffic conditions at this housing site and along adjacent roadways which would increase noise levels.

XIII. EXPLOSIVE AND FLAMMABLE OPERATIONS (24 CFR PART 51C)

Supporting Documents

X	Field
	Contact
X	Printed
X	Experience
	Study

DETERMINATION:

Status Category: Not Applicable

There are no known above-ground explosive or flammable material storage containers in excess of 100 gallons present at the site. Therefore, this project is located at an acceptable separation distance from above-ground explosive or flammable fuels or chemical containers. Furthermore, rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous operations, and thus do not meet the definition of a HUD-assisted project and are not subject to these regulations.

SUPPORTING DOCUMENTATION:

Field: Field inspection was limited to the exterior of residential buildings and associated structures for the renovated portion of this housing project. No above-ground explosive or flammable material storage containers in excess of 100 gallons were

observed at the site. Therefore, this renovated project area is located at an acceptable separation distance from above-ground explosive or flammable fuels or chemical containers.

Printed: 24 CFR Part 51, Subpart C. Per CFR Title 24 Part 51.201 (Definitions), rehabilitation and modernization improvements that do not increase the number of people being exposed to hazardous operations are not subject to these regulations, and do not meet the definition of a HUD-assisted project. The rehabilitation improvements for this housing project are not planned to increase existing residential density, convert a building to habitation, or increase the number of people being exposed to hazardous operations.

Experience: The 2005 environmental review conducted for Pi'ilani Homes identified no existing above-ground storage tank of over 500 gallons on the property. A site inspection was conducted in June, 2010 and similarly confirmed the applicability of the 2005 results that there were no storage tanks present.

XIV. TOXIC CHEMICALS/RADIOACTIVE MATERIALS (24 CFR PART 58, SECTION 5 (i))

Supporting Documents

X	Field
	Contact
	Printed
	Experience
X	Study

DETERMINATION:

Status Category: Not Applicable

There are no known hazardous materials, contamination, toxic chemicals, gasses or radioactive substances which could affect the health or safety of occupants or conflict with the intended use of the property. Rehabilitation and modernization improvements would not increase the number of people being exposed to hazardous materials, contamination, toxic chemicals, gasses, etc.

SUPPORTING DOCUMENTATION:

Field: Site visit and interview with the maintenance supervisor indicate no lead paint or asbestos in units, and no toxic or radioactive materials warranting further concern. There were no known nearby dumps, landfills, industrial sites or other operations with hazardous wastes adjacent to the housing project.

Study: Environmental Data Resources, Inc. (EDR), Inquiry Number 2779851.8s, dated May 27, 2010 conducted a search of available environmental records. EDR reviewed more than 25 federal and state regulatory databases for information regarding the treatment, storage, disposal and release of toxic chemicals at the site and within specific radii (generally 1 mile) of the site. The EDR report in the appendix includes a summary of key findings. The project site is not located

within one mile of a NPL (Superfund) site. Pi'ilani Homes is within a 0.5 mile of a Federal CERCLIS site. However this site does not qualify for, and is not listed on, the national priorities list. No further remedial action is planned. See EDR report in the appendix.

XV. AIRPORT CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (24 CFR PART 51D)

Supporting Documents

_____	Field
_____	Contact
X	Printed
_____	Experience
_____	Study

DETERMINATION:

Status Category: Not Applicable

The project is not within an FAA-designated civilian airport Runway Clear Zone (RCZ) or Runway Protection Zone, or within a military airfield Clear Zone (CZ) or Accident Potential Zone (APZ).

SUPPORTING DOCUMENTATION:

Printed: 24 CFR 51 (D).
Kahului Airport Master Plan (June, 1993), State Department of Transportation, Airports Division

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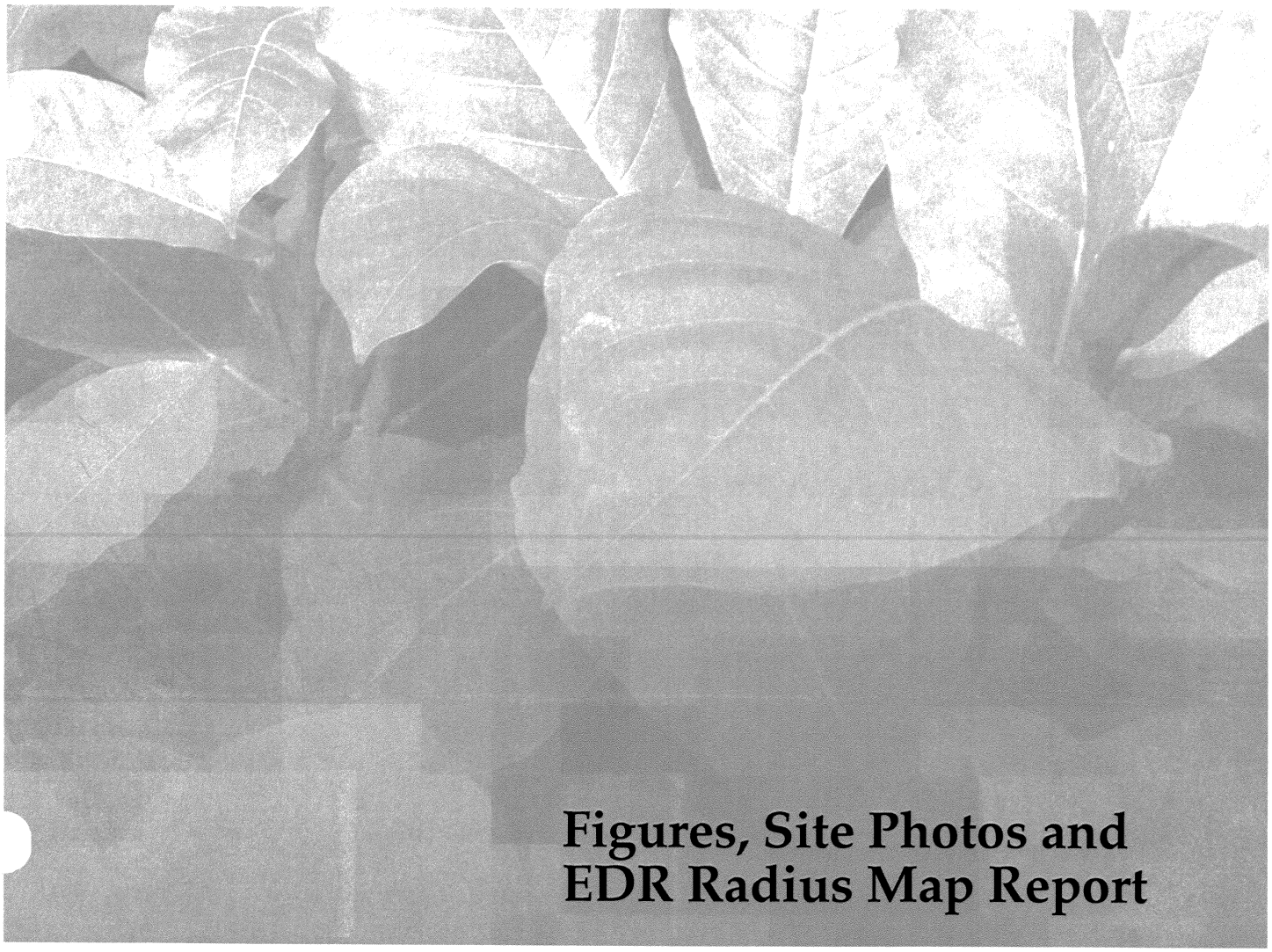


Figures, Site Photos and EDR Radius Map Report

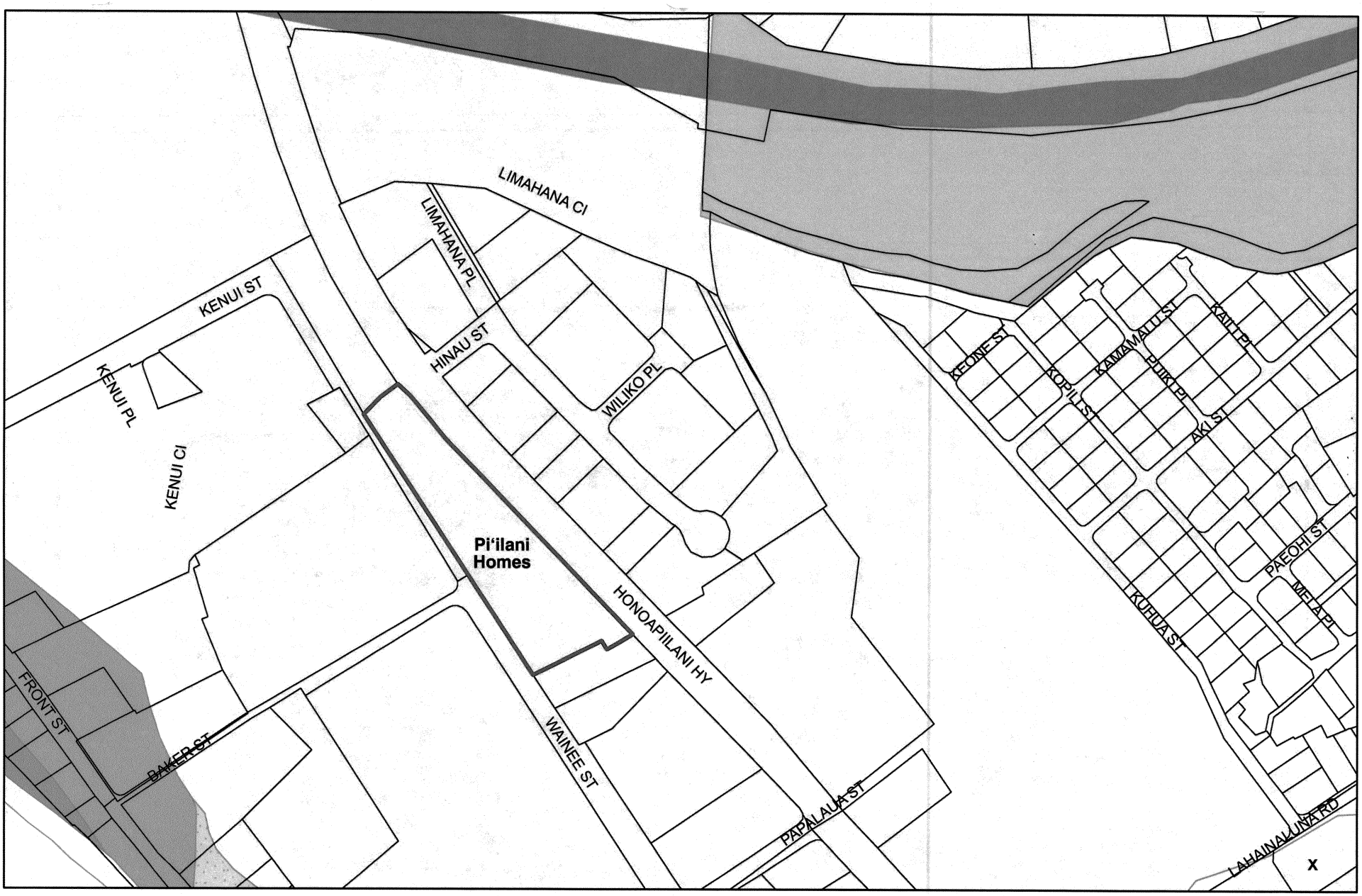


Figure 1: PI'ILANI HOMES
Flood Map

STATE LAND USE

- State Agricultural District
- State Urban District

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

- A
- AE
- VE

NON-SPECIAL FLOOD HAZARD AREA

- 0.2% Annual Chance Flood Hazard

All areas are determined to be Zone X or D unless otherwise noted.

0 Feet 300
0 Meters 90

Source: Federal Emergency Management Agency, 2005

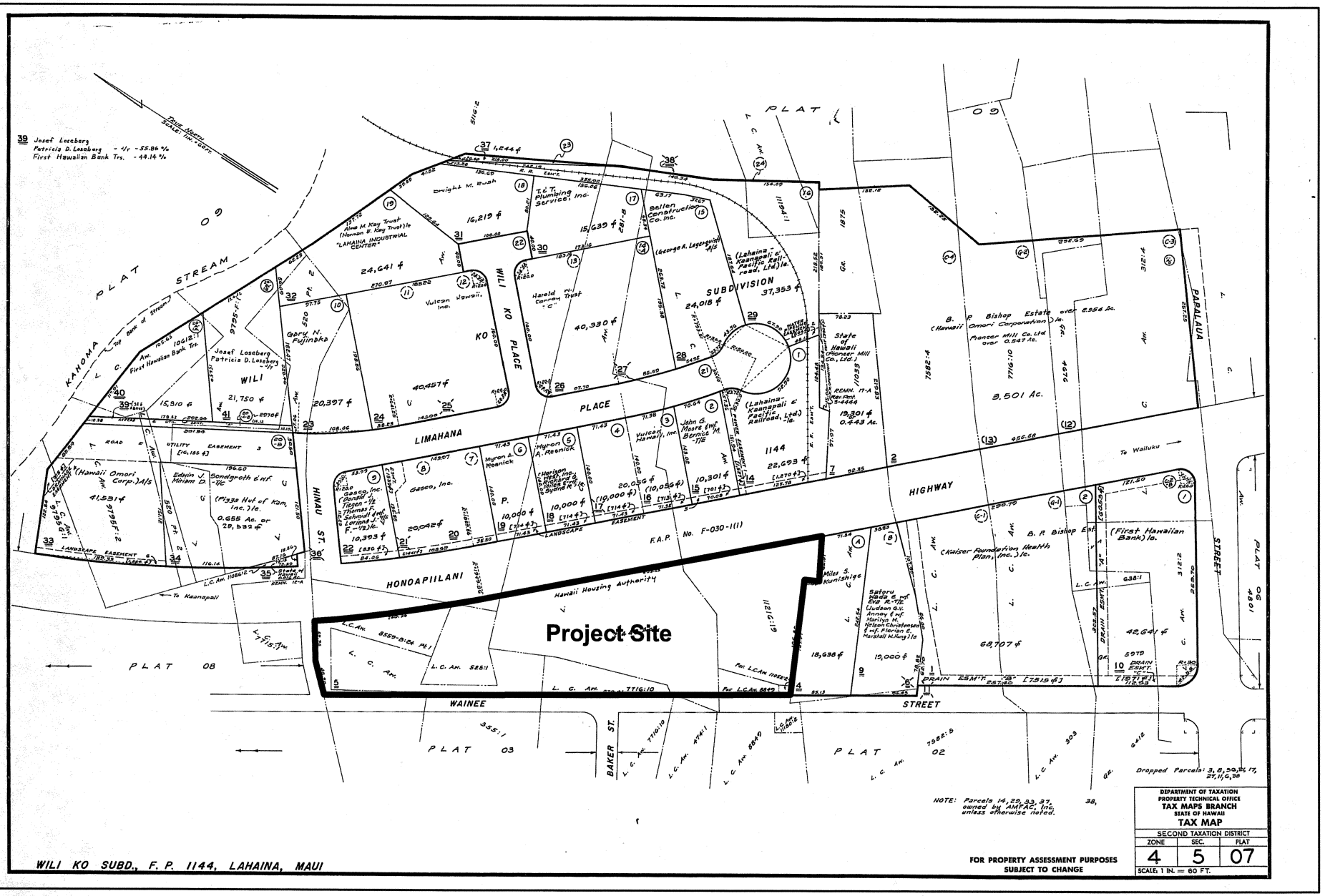


Figure 2: PI'ILANI HOMES

Tax Map Key Map

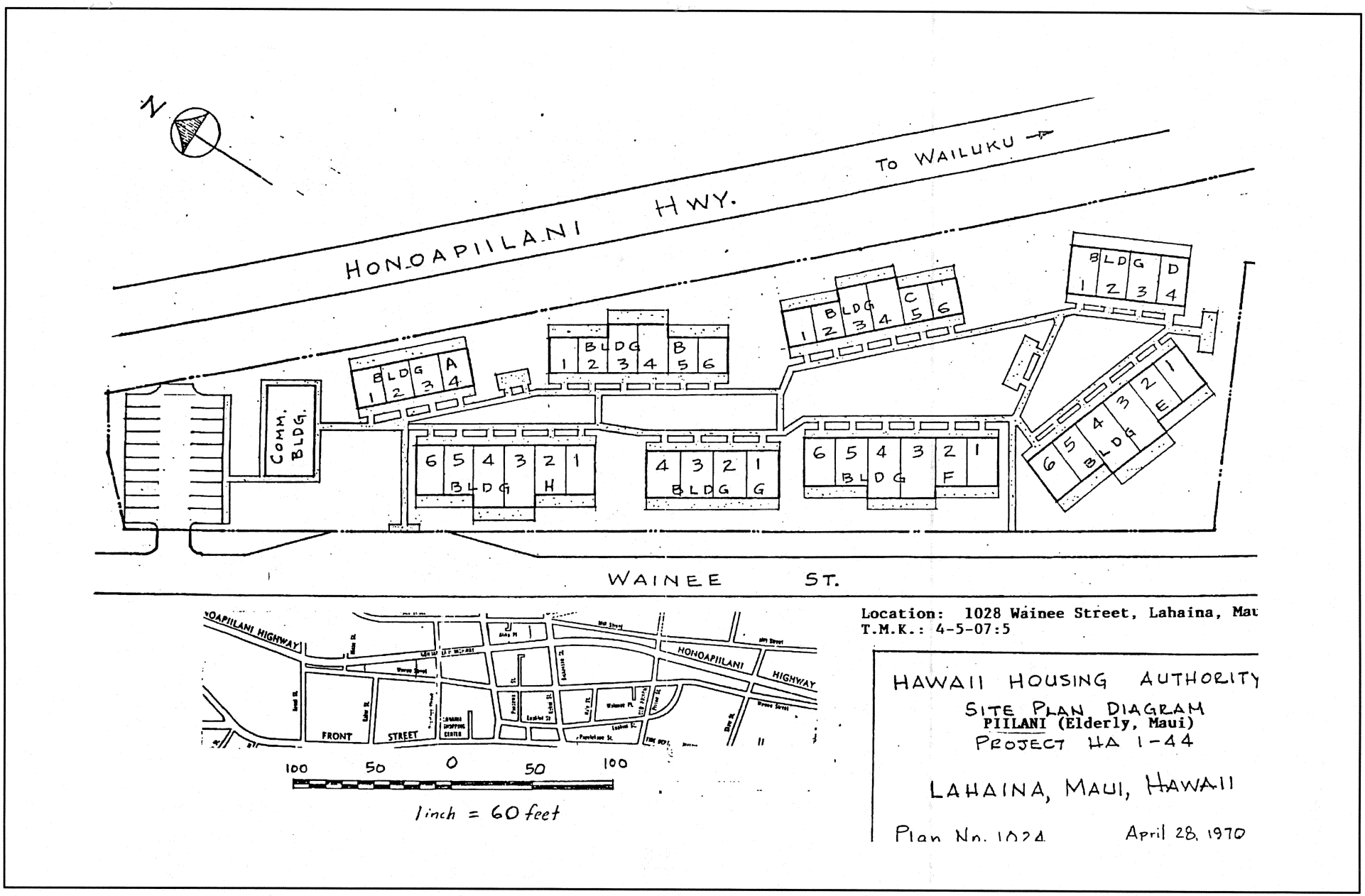


Figure 3: PI'ILANI HOMES
Site Plan

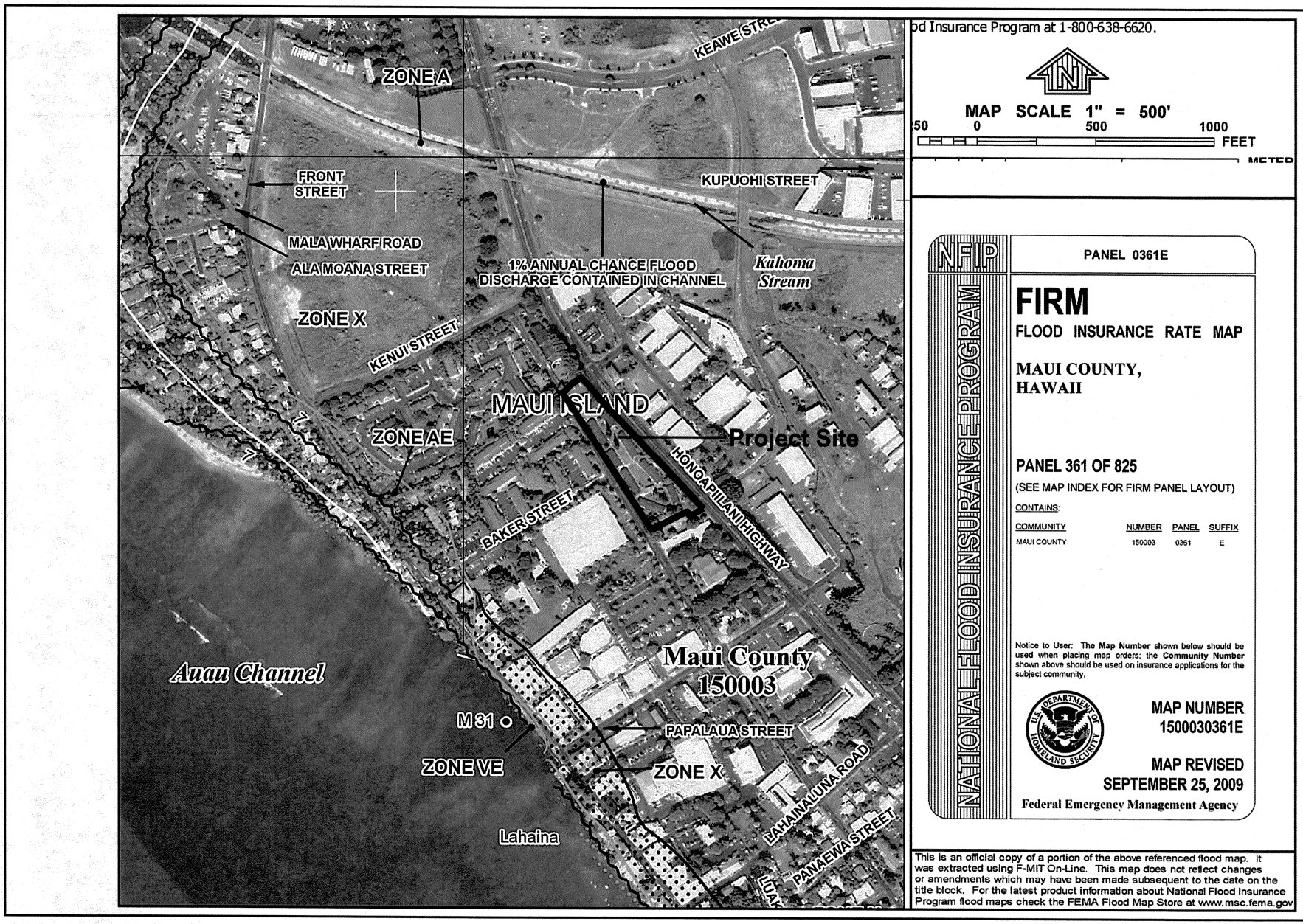
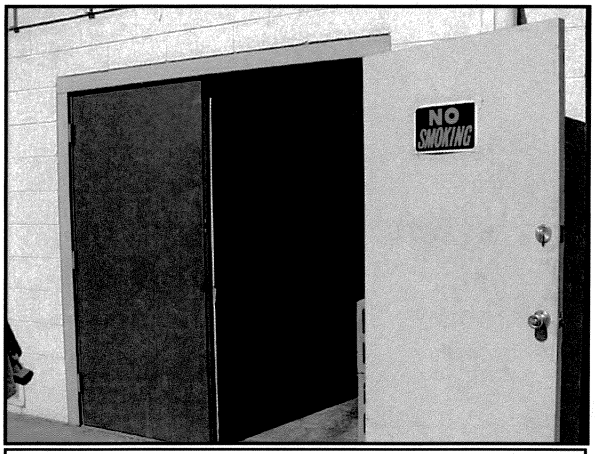


Figure 4: PI'ILANI HOMES
Flood Insurance Rate Map

Picture 1: Community Center



Picture 2: Supply and material storage

Picture 3: Fencing and vegetation along Honoapiilani Highway

Picture 4: Fencing along Wainee Street

Picture 5: Debris and vegetation along the southern property line

Picture 6: Northern property line is lined with chain link and a parking lot

Piilani Homes
1028 Wainee Street
Lahaina, HI 96761

Inquiry Number: 2779851.8s
May 27, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1028 WAINEE STREET
LAHAINA, HI 96761

COORDINATES

Latitude (North):	20.880600 - 20° 52' 50.2"
Longitude (West):	156.680600 - 156° 40' 50.2"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	741296.9
UTM Y (Meters):	2310538.5
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	20156-H6 HALAWA OE S, HI
Most Recent Revision:	Not reported
South Map:	20156-G6 ISLAND OF LANAI OE NE, HI
Most Recent Revision:	Not reported

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Permitted Landfills in the State of Hawaii

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Control Sites
INST CONTROL..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Response Program Sites

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Sites

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI---------- Open Dump Inventory
DEBRIS REGION 9---------- Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI---------- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL---------- Clandestine Drug Labs
US HIST CDL---------- National Clandestine Laboratory Register

Local Land Records

LIENS 2---------- CERCLA Lien Information
LUCIS---------- Land Use Control Information System

Records of Emergency Release Reports

HMIRS---------- Hazardous Materials Information Reporting System
SPILLS---------- Release Notifications

Other Ascertainable Records

DOT OPS---------- Incident and Accident Data
DOD---------- Department of Defense Sites
FUDS---------- Formerly Used Defense Sites
CONSENT---------- Superfund (CERCLA) Consent Decrees
ROD---------- Records Of Decision
UMTRA---------- Uranium Mill Tailings Sites
MINES---------- Mines Master Index File
TRIS---------- Toxic Chemical Release Inventory System
TSCA---------- Toxic Substances Control Act
FTTS---------- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS---------- FIFRA/TSCA Tracking System Administrative Case Listing
SSTS---------- Section 7 Tracking Systems
ICIS---------- Integrated Compliance Information System
PADS---------- PCB Activity Database System
MLTS---------- Material Licensing Tracking System
RADINFO---------- Radiation Information Database
FINDS---------- Facility Index System/Facility Registry System
RAATS---------- RCRA Administrative Action Tracking System
UIC---------- Underground Injection Wells Listing
AIRS---------- List of Permitted Facilities
INDIAN RESERV---------- Indian Reservations
SCRD DRYCLEANERS---------- State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA---------- Coal Combustion Residues Surface Impoundments List

COAL ASH DOE_____ Sleam-Electric Plan Operation Data
PCB TRANSFORMER_____ PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants_____ EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 01/29/2010 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIONEER NILL CO, LTD	***380 LAHAINALUNA RD***	***E 1/4 - 1/2 (0.480 mi.)***	***C15***	***22***

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are

3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAUI CITY OF	***1060 LIMAHANA PL***	***ENE 0 - 1/8 (0.064 mi.)***	***1***	***7***
CHEVRON 92890	240 PAPALAUA ST	SE 1/8 - 1/4 (0.171 mi.)	A5	12
ALII DRY CLEANERS INC	***910 HONOAPIILANI HWY***	***SE 1/8 - 1/4 (0.229 mi.)***	***B9***	***15***

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Health.

A review of the SHWS list, as provided by EDR, and dated 12/01/2009 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CODAC'S CHEVRON GASOLINE STATI	***240 PAPALAUA ST***	***SE 1/8 - 1/4 (0.171 mi.)***	***A4***	***11***
LAHAINA CANNERY MALL	***1221 HONOAPIILANI HWY***	***NNW 1/4 - 1/2 (0.253 mi.)***	***10***	***17***
LAHAINA WASTE WATER PUMP STATI	***ALA MOANA ST***	***WNW 1/4 - 1/2 (0.379 mi.)***	***13***	***19***
PIONEER MILL COMPANY, LTD.	***380 LAHAINALUNA RD***	***E 1/4 - 1/2 (0.480 mi.)***	***C14***	***20***

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health's Active Leaking Underground Storage Tank Log Listing.

A review of the LUST list, as provided by EDR, and dated 03/09/2010 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CODAC'S SALES & SERVICE	***240 PAPALAUA ST***	***SE 1/8 - 1/4 (0.171 mi.)***	***A3***	***10***
Facility Status: Site Cleanup Completed (NFA)				
SHELL STATION	***711 MILL ST AKA 281 DIC***	***SE 1/8 - 1/4 (0.184 mi.)***	***A6***	***13***
Facility Status: Site Cleanup Completed (NFA)				
CABANILA SHELL SERVICE	***156 PAPALAUA ST***	***S 1/8 - 1/4 (0.193 mi.)***	***7***	***14***
Facility Status: Site Cleanup Completed (NFA)				
MID PAC PETROLEUM #254680 (PRE	***243 LAHAINALUNA RD***	***SE 1/4 - 1/2 (0.308 mi.)***	***11***	***18***
Facility Status: LUST Cleanup Initiated				
SHELL STATION	***263 LAHAINALUNA RD***	***SE 1/4 - 1/2 (0.309 mi.)***	***12***	***19***
Facility Status: Site Assessment Ongoing				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health's Listing of Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 03/09/2010 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CODAC'S SALES & SERVICE	*240 PAPALAUA ST*	*SE 1/8 - 1/4 (0.171 mi.)*	*A3*	*10*
SHELL STATION	*711 MILL ST AKA 281 DIC*	*SE 1/8 - 1/4 (0.184 mi.)*	*A6*	*13*
CABANILA SHELL SERVICE	*156 PAPALAUA ST*	*S 1/8 - 1/4 (0.193 mi.)*	*7*	*14*

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUXURY SPORTS CAR RENTAL	*256 PAPALAUA ST*	*SE 1/8 - 1/4 (0.171 mi.)*	*A2*	*8*

DRYCLEANERS: A listing of permitted drycleaner facilities in the state.

A review of the DRYCLEANERS list, as provided by EDR, and dated 04/12/2010 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

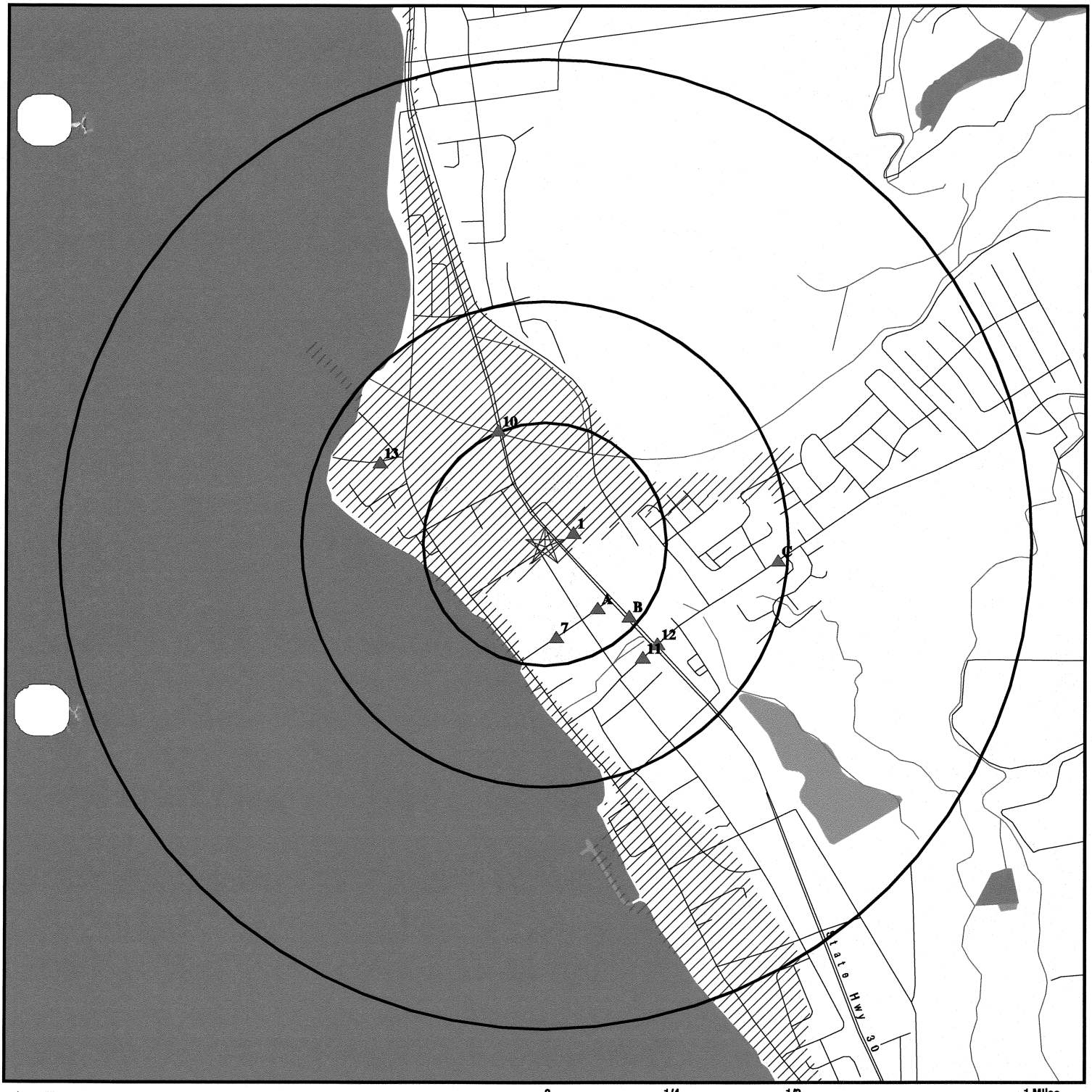
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALII DRY CLEANERS INC.	910 HONOAPIILANI ROAD,	SE 1/8 - 1/4 (0.229 mi.)	B8	15

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
LAUNIUPOKO TRANSFORMER	SHWS, SPILLS
MECO TRANSFORMER SITE	SHWS
KAMEHAMEHA SCHOOLS LAHAINALUNA ROA	SHWS
LUAWAI ROAD TRANSFORMER	SHWS
OLOWALU SHAFT TRANSFORMER SUBSTATI	SHWS
PUUKOLII OLD PIONEER MILL TRANSFOR	SHWS, SPILLS
SHAW STREET OLD PIONEER MILL TRANS	SHWS, SPILLS
LAHAINA SPS #2 (HONOAPIILANI)	LUST, UST
PAPILLION HAWAIIAN HELICOPTERS HEL	LUST, UST
LAHAINA SPS#1 (HONOAPIILANI)	UST
NAPILI #1 P.S. (HONOKOWA)	UST
NAPILI #2 P.S. (KAPUA)	UST
NAPILI #3 P.S. (KAEA POINT)	UST
NAPILI #4 P.S.	UST
NAPILI CENTRAL OFFICE	UST
CORNER HONOAPILANI HWY & NAPIL	RCRA-NonGen, FINDS

OVERVIEW MAP - 2779851.8s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

N

SITE NAME:	Piilani Homes	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	1028 Wainee Street Lahaina HI 96761	CONTACT:	Ronald A. Sato
LAT/LONG:	20.8806 / 156.6806	INQUIRY #:	2779851.8s
		DATE:	May 27, 2010 12:19 pm

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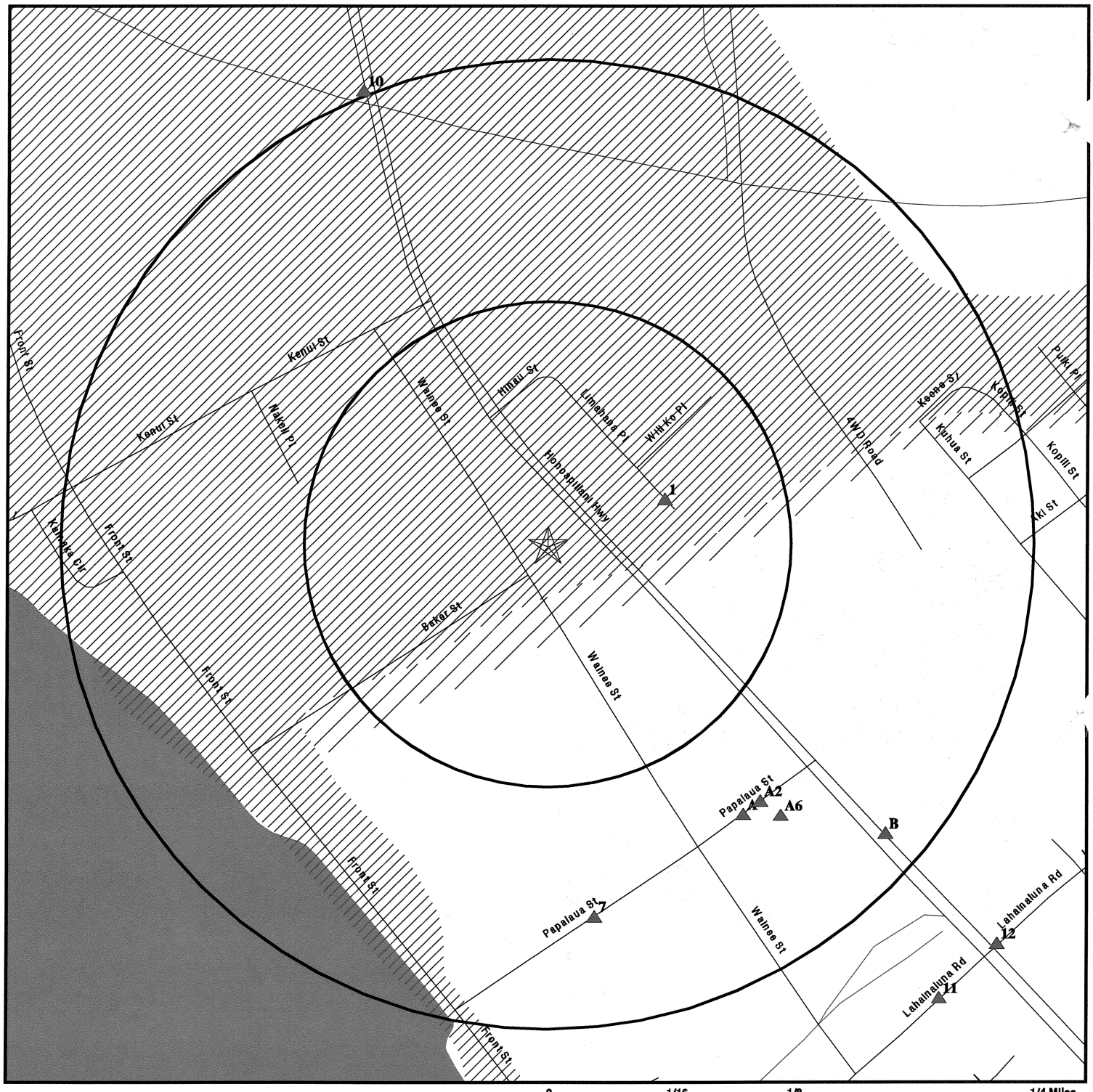
DETAIL MAP - 2779851.8s



0 1/16 1/8 1/4 Miles

- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

SITE NAME:	Piilani Homes	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	1028 Wainee Street Lahaina HI 96761	CONTACT:	Ronald A. Sato
		INQUIRY #:	2779851.8s
LAT/LONG:	20.8806 / 156.6806	DATE:	May 27, 2010 12:19 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	0	0	1	NR	NR	1
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	0	NR	NR	NR	0
RCRA-CESQG		0.250	1	2	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	0	1	3	0	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST		0.500	0	3	2	NR	NR	5
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	0	3	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS		0.500	0	0	0	NR	NR	0
INST CONTROL		0.500	0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	0	1	NR	NR	NR	1
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	1	NR	NR	NR	1
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
ENE
< 1/8
0.064 mi.
337 ft.

MAUI CITY OF
1060 LIMAHANA PL
LAHAINA, HI 96761

RCRA-CESQG 1004688825
FINDS HID981983018

Relative:
Equal

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	04/16/1987
Facility name:	MAUI CITY OF
Facility address:	1060 LIMAHANA PL LAHAINA, HI 96761
EPA ID:	HID981983018
Mailing address:	LIMAHANA PL LAHAINA, HI 96761
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1060 LIMAHANA PL LAHAINA, HI 96761
Contact country:	US
Contact telephone:	(808) 244-4061
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MAUI CITY OF
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

MAUI CITY OF (Continued) **1004688825**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110005725867

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A2 **LUXURY SPORTS CAR RENTAL** **RCRA-NonGen** **1000427385**
SE **256 PAPALAUA ST** **FINDS** **HID981665722**
1/8-1/4 **LAHAINA, HI 96761**
0.171 mi.
904 ft. **Site 1 of 5 in cluster A**

Relative: **Equal**

Actual: **3 ft.**

RCRA-NonGen:

Date form received by agency:	12/10/1993
Facility name:	LUXURY SPORTS CAR RENTAL
Facility address:	256 PAPALAUA ST LAHAINA, HI 96761
EPA ID:	HID981665722
Mailing address:	PAPALAUA ST LAHAINA, HI 96761
Contact:	ENVIRONMENTAL MANAGER
Contact address:	256 PAPALAUA ST LAHAINA, HI 96761
Contact country:	US
Contact telephone:	(808) 667-5686
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

LUXURY SPORTS CAR RENTAL (Continued) **1000427385**

Owner/Operator Summary:

Owner/operator name:	WAYNE CHILSON
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED
	NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110005725322

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A3
SE
1/8-1/4
0.171 mi.
904 ft.

CODAC'S SALES & SERVICE
240 PAPALAUA ST
LAHAINA, HI 96761

LUST
UST

U003222214
N/A

Site 2 of 5 in cluster A

Relative:
Equal

Actual:
3 ft.

LUST:

Facility ID:	9-501125
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	7/11/2005
Release ID:	040038
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-501125
Owner:	CHEVRON PRODUCTS COMPANY
Owner Address:	91-480 MALAKOLE ST.
Owner City,St,Zip:	Lahaina, 96761 96761

Tank ID:	1
Date Installed:	12/1/1985
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	2
Date Installed:	12/1/1985
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	3
Date Installed:	11/1/1985
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	1/1/1966
Tank Capacity:	Not reported
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	1/1/1966
Tank Capacity:	Not reported
Substance:	Gasoline

CODAC'S SALES & SERVICE (Continued) **U003222214**

Tank ID: R-3
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 1/1/1966
Tank Capacity: Not reported
Substance: Gasoline

Tank ID: R-4A
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 1/1/1966
Tank Capacity: Not reported
Substance: Used Oil

Tank ID: R-4B
Date Installed: 12/1/1985
Tank Status: Permanently Out of Use
Date Closed: 6/18/1997
Tank Capacity: 1000
Substance: Used Oil

A4 **CODAC'S CHEVRON GASOLINE STATION (LAHAINA CHEVRON)** **SHWS S106818666**
SE **240 PAPALAUA ST** **SPILLS N/A**
1/8-1/4 **LAHAINA, HI 96761**
0.171 mi.
904 ft. **Site 3 of 5 in cluster A**

Relative: **Equal**

Actual: **3 ft.**

SHWS:
Organization: Lahaina Petroleum LLC
Supplemental Location Text: Codac's Chevron Facility
Island: Maui
Environmental Interest: Hydraulic Hoists and Sand-and-Grease Trap Removal
Hid Number: Not reported
Facility Registry Identifier: 110013771944
Lead Agency: Not reported
Program: State
Project Manager: Diane England
Hazard Priority: NFA
Site Status: NFA
Action: Assessment
Potential Hazards And Controls: Hazard Undetermined
Closure Document Title: NFA - Type Undetermined
Date Of Closure Document: 4/28/2005 1:19:03 AM

HI SPILLS:
Island: Maui
Supplemental Loc. Text: Codac's Chevron Facility
Case Number: 20040719-1615
HID Number: Not reported
Facility Registry Id: 110013771944
Lead and Program: HEER EP&R
ER: Referred
Units: Hydraulic Hoist Removal Release
Substances: TPH oil
Less Or Greater Than: Not reported

CODAC'S CHEVRON GASOLINE STATION (LAHAINA CHEVRON) (Continued) **S106818666**

Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	10/28/2005
Result:	8
File Under:	Lahaina Petroleum LLC

A5 **CHEVRON 92890** **RCRA-CESQG** **1008880414**
SE **240 PAPALAUA ST** **HIR000136911**
1/8-1/4 **LAHAIMA, HI 96761**
0.171 mi.
904 ft. **Site 4 of 5 in cluster A**

Relative:
Equal

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	09/16/2005
Facility name:	CHEVRON 92890
Facility address:	240 PAPALAUA ST LAHAIMA, HI 96761
EPA ID:	HIR000136911
Mailing address:	PO BOX 6004 SAN RAMON, CA 94583
Contact:	KATHY L NORRIS
Contact address:	PO BOX 6004 SAN RAMON, CA 94583
Contact country:	US
Contact telephone:	925-842-5931
Contact email:	KNORRIS@CHEVRON.COM
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CHEVRON USA INC
Owner/operator address:	PO BOX 6004 SAN RAMON, CA 94583
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	11/01/1974
Owner/Op end date:	Not reported
Owner/operator name:	CHEVRON USA INC

CHEVRON 92890 (Continued) **1008880414**

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/01/1974
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:
Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

A6 **SHELL STATION** **LUST U001236813**
SE **711 MILL ST AKA 281 DICKENSON ST** **UST N/A**
1/8-1/4 **LAHAINA, HI 96761**
0.184 mi.
970 ft. **Site 5 of 5 in cluster A**

Relative:
Equal

Actual:
3 ft.

LUST:
Facility ID: 9-501862
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/16/1993
Release ID: 900005
Project Officer: Sheila Mackenzie

UST:
Facility ID: 9-501862
Owner: EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address: 2555 13TH AVE, SW
Owner City,St,Zip: Lahaina, 96761 96761

Tank ID: 1
Date Installed: 12/30/1988
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 10000

SHELL STATION (Continued) **U001236813**

Substance: Gasoline

Tank ID: 2
Date Installed: 3/2/1988
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 3
Date Installed: 3/2/1988
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

7
South
1/8-1/4
0.193 mi.
1020 ft.

CABANILA SHELL SERVICE **LUST U001236622**
156 PAPALAUA ST **UST N/A**
LAHAINA, HI 96761

Relative:
Equal

Actual:
3 ft.

LUST:
Facility ID: 9-500214
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 3/8/2000
Release ID: 000048
Project Officer: Jeffrey Ung

UST:
Facility ID: 9-500214
Owner: EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address: 2555 13TH AVE, SW
Ownder City,St,Zip: Lahaina, 96761 96761

Tank ID: R-1
Date Installed: 4/21/1985
Tank Status: **Permanently Out of Use**
Date Closed: 12/2/1999
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-2
Date Installed: 4/21/1985
Tank Status: **Permanently Out of Use**
Date Closed: 12/2/1999
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-3
Date Installed: 4/22/1983
Tank Status: **Permanently Out of Use**
Date Closed: 12/3/1999

CABANILA SHELL SERVICE (Continued) **U001236622**

Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-4
Date Installed: 6/30/1991
Tank Status: Permanently Out of Use
Date Closed: 12/1/1999
Tank Capacity: 550
Substance: Used Oil

Tank ID: R-5
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 6/30/1991
Tank Capacity: 550
Substance: Used Oil

B8 **ALII DRY CLEANERS INC.** **DRYCLEANERS** **S107769057**
SE **910 HONOAPIILANI ROAD, #8B** **N/A**
1/8-1/4 **LAHAINA, HI 96761**
0.229 mi.
1207 ft. **Site 1 of 2 in cluster B**

Relative: Higher

Actual: 6 ft.

HI DRYCLEANERS:
Permit Number: 0093-01
Gal/Year: 110
Mach Type: D-D
Island: Maui
Company: Not reported
Application Date: Not reported
Issued Date: 5/18/1998
Phone Number: Not reported
Responsible Official Name: Cam B. Gaudet
Responsible Official Title: President
Responsible Official Address: 910 Honoapiilani Hwy, #8B
Responsible Official City,St,Zip: Lahaina, HI 96761

B9 **ALII DRY CLEANERS INC** **RCRA-CESQG** **1004688733**
SE **910 HONOAPIILANI HWY** **FINDS** **HI0000146944**
1/8-1/4 **LAHAINA, HI 96761**
0.229 mi.
1207 ft. **Site 2 of 2 in cluster B**

Relative: Higher

Actual: 6 ft.

RCRA-CESQG:
Date form received by agency: 02/11/1994
Facility name: ALII DRY CLEANERS INC
Facility address: 910 HONOAPIILANI HWY
W MAUI CENTER STE 8B
LAHAINA, HI 96761
EPA ID: HI0000146944
Mailing address: HONOAPIILANI HWY
W MAUI CENTER STE 8B
LAHAINA, HI 96761
Contact: CAM GAUDET

ALII DRY CLEANERS INC (Continued) **1004688733**

Contact address:	910 HONOAPIILANI HWY W MAUI CENTER STE 8B LAHAINA, HI 96761
Contact country:	US
Contact telephone:	(808) 667-2544
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ALII DRY CLEANERS INC
Owner/operator address:	910 HONOAPIILANI HWY STE 8B LAHAINA, HI 96761
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 667-2544
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 01/22/2007

ALII DRY CLEANERS INC (Continued) **1004688733**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/03/2004
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005721870

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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10 **LAHAINA CANNERY MALL** **SHWS S106818664**
NNW **1221 HONOAPIILANI HWY** **SPILLS N/A**
1/4-1/2 **LAHAINA, HI 96761**
0.253 mi.
1336 ft.

Relative:
Equal

Actual:
3 ft.

SHWS:
Organization: Hawaii Omori Corporation
Supplemental Location Text: Not reported
Island: Maui
Environmental Interest: Lahaina Cannery Mall
Hid Number: Not reported
Facility Registry Identifier: Not reported
Lead Agency: Not reported
Program: State
Project Manager: Clarence Callahan
Hazard Priority: NFA
Site Status: NFA
Action: Assessment
Potential Hazards And Controls: Hazard Undetermined
Closure Document Title: NFA - Type Undetermined
Date Of Closure Document: 12/19/2003 1:19:21 AM

HI SPILLS:
Island: Maui
Supplemental Loc. Text: Not reported
Case Number: 20031017-1200
HID Number: Not reported
Facility Registry Id: Not reported
Lead and Program: HEER EP&R
ER: No
Units: Temporary Monitoring Well Fuel Release
Substances: Diesel Oil
Less Or Greater Than: Not reported

LAHAINA CANNERY MALL (Continued) **S106818664**

Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	11/4/2004
Result:	8
File Under:	Hawaii Omori Corporation

11
SE
1/4-1/2
0.308 mi.
1627 ft.

MID PAC PETROLEUM #254680 (PREV: ED'S UNION SERVIC **LUST U003222165**
243 LAHAINALUNA RD **UST N/A**
LAHAINA, HI 96761

Relative:
Higher

Actual:
4 ft.

LUST:

Facility ID:	9-500008
Facility Status:	LUST Cleanup Initiated
Facility Status Date:	10/26/2004
Release ID:	040058
Project Officer:	Richard Takaba

UST:

Facility ID:	9-500008
Owner:	Mid Pac Petroleum LLC
Owner Address:	677 Ala Moana Blvd Suite 625
Owner City,St,Zip:	Lahaina, 96761 96761

Tank ID:	1
Date Installed:	Not reported
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	12000
Substance:	Gasoline

Tank ID:	2a
Date Installed:	Not reported
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	7000
Substance:	Gasoline

Tank ID:	2b
Date Installed:	Not reported
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	r-4680-4
Date Installed:	4/15/1985
Tank Status:	**Permanently out of Use**
Date Closed:	6/4/2009
Tank Capacity:	550
Substance:	Used Oil

MID PAC PETROLEUM #254680 (PREV: ED'S UNION SERVIC (Continued) **U003222165**

Tank ID: r-87
Date Installed: 4/15/1985
Tank Status: Permanently out of Use
Date Closed: 6/4/2009
Tank Capacity: 12000
Substance: Gasoline

Tank ID: r-92
Date Installed: 4/15/1985
Tank Status: Permanently out of Use
Date Closed: 6/4/2009
Tank Capacity: 12000
Substance: Gasoline

12
SE
1/4-1/2
0.309 mi.
1634 ft.

SHELL STATION
263 LAHAINALUNA RD
LAHAINA, HI 96761

FINDS **1006843208**
LUST **N/A**

Relative: Higher

Actual: 7 ft.

FINDS:

Registry ID: 110014047414

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

LUST:
Facility ID: 9-500421
Facility Status: Site Assessment Ongoing
Facility Status Date: 2/28/2001
Release ID: 010016
Project Officer: Josh Nagashima

13
WNW
1/4-1/2
0.379 mi.
1999 ft.

LAHAINA WASTE WATER PUMP STATION #4
ALA MOANA ST
LAHAINA, HI 96761

FINDS **1006819430**
SHWS **N/A**

Relative: Higher

Actual: 4 ft.

FINDS:

Registry ID: 110013772293

Environmental Interest/Information System
Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP

LAHAINA WASTE WATER PUMP STATION #4 (Continued) **1006819430**

reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

SHWS:

Organization:	County of Maui, Department of Public Works and Waste Management, Wastewater Reclair
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Lahaina Waste Water Pump Station #4
Hid Number:	Not reported
Facility Registry Identifier:	110013772293
Lead Agency:	Not reported
Program:	State
Project Manager:	Laura Young
Hazard Priority:	NFA
Site Status:	NFA
Action:	Assessment
Potential Hazards And Controls:	Hazard Undetermined
Closure Document Title:	NFA - Type Undetermined
Date Of Closure Document:	4/10/2000 1:19:21 AM

C14 **PIONEER MILL COMPANY, LTD.** **SHWS S106820070**
East **380 LAHAINALUNA RD** **SPILLS N/A**
1/4-1/2 **LAHAINA, HI 96761**
0.480 mi.
2532 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
68 ft.

SHWS:

Organization:	Pioneer Mill Co., Ltd.
Supplemental Location Text:	Not reported
Island:	Maui
Environmental Interest:	Pioneer Mill--Lahaina
Hid Number:	Not reported
Facility Registry Identifier:	110001763958
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	NFA
Site Status:	NFA
Action:	Response
Potential Hazards And Controls:	No Hazard
Closure Document Title:	NFA Letter - Unrestricted Residential Use
Date Of Closure Document:	7/9/2004 1:13:36 AM

HI SPILLS:

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	19940729-24
HID Number:	Not reported
Facility Registry Id:	110001763958

PIONEER MILL COMPANY, LTD. (Continued) **S106820070**

Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Pioneer Mill Co Ltd
Substances:	SEE INCIDENT DESCRIPTION
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	8
File Under:	Pioneer Mill Co., Ltd.

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	19961122-1509
HID Number:	Not reported
Facility Registry Id:	110001763958
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Pioneer Mill Co., Ltd. Trailer Tank Failure
Substances:	used oil
Less Or Greater Than:	Not reported
Numerical Quantity:	800
Units:	Gallons
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	8
File Under:	Pioneer Mill Co., Ltd.

Island:	Maui
Supplemental Loc. Text:	Not reported
Case Number:	20010306-1356
HID Number:	Not reported
Facility Registry Id:	110001763958
Lead and Program:	HEER EP&R
ER:	No
Units:	Pioneer Mill Co. (AMFAC Land Co.)
Substances:	Diesel/Bunker Fuel
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	8
File Under:	Pioneer Mill Co., Ltd.

C15
East
1/4-1/2
0.480 mi.
2532 ft.

Relative:
Higher

Actual:
68 ft.

PIONEER NILL CO, LTD
380 LAHAINALUNA RD
LAHAINA, HI 96761

Site 2 of 2 in cluster C

CERCLIS **1000312458**
RCRA-SQG **HID009158106**
FTTS
HIST FTTS
PADS
FINDS

CERCLIS:
Site ID: 0905869
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Site Contact Name(s):
Contact Name: Eugenia Chow
Contact Tel: (415) 972-3160
Contact Title: Site Assessment Manager (SAM)

Contact Name: Carl Brickner
Contact Tel: (415) 972-3814
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/05/01
Priority Level: Not reported

Action: COMBINED PRELIMINARY ASSESSMENT/SITE INSPECTION
Date Started: 07/18/02
Date Completed: 09/22/04
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-SQG:
Date form received by agency: 02/04/1986
Facility name: PIONEER NILL CO, LTD
Facility address: 380 LAHAINALUNA RD
LAHAINA, HI 96761
EPA ID: HID009158106
Mailing address: P O BOX 727
LAHAINA, HI 96761
Contact: CHRIS LINDLEY
Contact address: 380 LAHAINALUNA RD
LAHAINA, HI 96761
Contact country: US
Contact telephone: (808) 661-0529
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

PIONEER NILL CO, LTD (Continued) **1000312458**

Owner/Operator Summary:
- Owner/operator name: AMFAC, INC
- Owner/operator address: NOT REQUIRED
  NOT REQUIRED, ME 99999
- Owner/operator country: Not reported
- Owner/operator telephone: (415) 555-1212
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

- Owner/operator name: NOT REQUIRED
- Owner/operator address: NOT REQUIRED
  NOT REQUIRED, ME 99999
- Owner/operator country: Not reported
- Owner/operator telephone: (415) 555-1212
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: Not reported
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): Unknown
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No
- Off-site waste receiver: Verified to be non-commercial

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: Used Oil - Generators
- Date violation determined: 05/12/2000
- Date achieved compliance: 09/12/2000
- Violation lead agency: State
  - Enforcement action: WRITTEN INFORMAL
  - Enforcement action date: 05/12/2000
  - Enf. disposition status: Not reported
  - Enf. disp. status date: Not reported
  - Enforcement lead agency: State
  - Proposed penalty amount: Not reported
  - Final penalty amount: Not reported
  - Paid penalty amount: Not reported

- Regulation violated: Not reported
- Area of violation: Generators - General

PIONEER NILL CO, LTD (Continued) **1000312458**

Date violation determined: 05/12/2000
Date achieved compliance: 09/12/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/03/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 09/12/2000
Evaluation lead agency: State

Evaluation date: 02/03/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/12/2000
Evaluation lead agency: State

FTTS:
Case Number: Not reported
Docket Number: 09-92-0010
Complaint Issue Date: 03/09/92
Abatement Amount: 0.0000
Proposed Penalty: 5000.0000
Final Assessment: 0.0000
Final Order Date: 03/04/93
Close Date: / /
Violations(s): Disposal; Environ Release, PCB Item in Use

HIST FTTS:
Case Number: Not reported
Docket Number: 09-92-0010
Complaint Issue Date: 03/09/1992
Abatement Amount: 0.0000
Proposed Penalty: 5000.0000
Final Assessment: 0.0000
Final Order Date: 03/04/1993
Close Date: / /
Violations(s): Disposal; Environ Release, PCB Item in Use

FINDS:

Registry ID: 110001763958

Environmental Interest/Information System
HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank Program regulates underground storage tanks which store petroleum

PIONEER NILL CO, LTD (Continued) **1000312458**

or hazardous substances and offers documents and data products for downloading.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Hawaii Hazard Evaluation and Emergency Response (HEER-FRS) system maintains basic information for facility/sites of interest to state of Hawaii, Department of Health, Hazard Evaluation and Emergency Response. It is used to index sites for hardcopy file retrieval and to present limited site status information. The environmental interests included are: release assessments, TRI reporters, EPCRA filers, RMP reporters and long term types of site investigations such as environmental cleanup study areas, state cleanup sites, Superfund NPL sites, voluntary clean up programs and Brownfields Pilot/Grants, properties, sites and targeted assessments.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

The HI-ECS (Hawaii Environmental Compliance Program) is the Hawaii state regulatory program relating to environmental compliance and hazardous materials that ensures that program areas and facilities are in compliance with environmental regulations

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LAHAINA	U003402933	LAHAINA SPS #2 (HONOAPIILANI)	2010TH HONOAPIILANI HWY & KAAN	96761	LUST, UST
LAHAINA	U003541889	LAHAINA SPS#1 (HONOAPIILANI)	3300TH HONOAPIILANI HWY & HALA	96761	UST
LAHAINA	U003402937	NAPILI #1 P.S. (HONOKOWA)	3300TH HONOAPIILANI HWY & KAME	96761	UST
LAHAINA	U003402936	NAPILI #2 P.S. (KAPUA)	3300TH HONOAPIILANI HWY & AEKA	96761	UST
LAHAINA	U003402935	NAPILI #3 P.S. (KAEA POINT)	3300TH HONOAPIILANI HWY & HOOH	96761	UST
LAHAINA	1000244972		CORNER HONOAPILANI HWY & NAPIL	96761	RCRA-NonGen, FINDS
LAHAINA	U003402934	NAPILI #4 P.S.	3300 HONOAPIILANI HWY	96761	UST
LAHAINA	U003222199	NAPILI CENTRAL OFFICE	HONOAPIILANI HWY & HUI RD E	96761	UST
LAHAINA	U003732591	PAPILLION HAWAIIAN HELICOPTERS HEL	HONOAPIILANI HWY	96761	LUST, UST
LAHAINA	S110061632	LAUNIUPOKO TRANSFORMER	915 KAI HELE KU PL	96761	SHWS, SPILLS
LAHAINA	S110061659	MECO TRANSFORMER SITE	6 KAI ALA DR	96761	SHWS
LAHAINA	S110061577	KAMEHAMEHA SCHOOLS LAHAINALUNA ROA	LAHAINALUNA RD	96761	SHWS
LAHAINA	S110061635	LUAWAI ROAD TRANSFORMER	LUAWAI RD	96761	SHWS
LAHAINA	S110061730	OLOWALU SHAFT TRANSFORMER SUBSTATI	OLOWALU VALLEY RD	96761	SHWS
LAHAINA	S108859830	PUUKOLII OLD PIONEER MILL TRANSFOR	PUUKOLII RD	96761	SHWS, SPILLS
LAHAINA	S108859841	SHAW STREET OLD PIONEER MILL TRANS	SHAW ST	96761	SHWS, SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/31/2010
Date Data Arrived at EDR: 04/02/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of NPL and Base Realighnment & Closure sites found in the CERCLIS database where FERRO is involved in cleanup projects.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/30/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/17/2010
Next Scheduled EDR Contact: 08/30/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 01/22/2010
Date Made Active in Reports: 02/11/2010
Number of Days to Update: 20

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites List

Facilities, sites or areas in which the Office of Hazard Evaluation and Emergency Response has an interest, has investigated or may investigate under HRS 128D (includes CERCLIS sites).

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills in the State of Hawaii

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/01/2010
Date Data Arrived at EDR: 04/08/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 41

Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 33

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/24/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 28

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/04/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Database
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/09/2010
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 03/08/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 02/25/2010
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 46

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/03/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/04/2010
Date Data Arrived at EDR: 05/05/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 22

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 03/03/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 40

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 27

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/19/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Control Sites
A listing of sites with engineering controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 404-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls
Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites
Sites participating in the Voluntary Response Program. The purpose of the VRP is to streamline the cleanup process in a way that will encourage prospective developers, lenders, and purchasers to voluntarily cleanup properties.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites
With certain legal exclusions and additions, the term 'brownfield site' means real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.

Date of Government Version: 12/01/2009
Date Data Arrived at EDR: 12/07/2009
Date Made Active in Reports: 01/08/2010
Number of Days to Update: 32

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 03/02/2010
Date Data Arrived at EDR: 03/23/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/23/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/19/2009
Date Data Arrived at EDR: 12/29/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 43

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/14/2009
Next Scheduled EDR Contact: 03/22/2010
Data Release Frequency: Quarterly

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/05/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/24/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/07/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Annually

SPILLS: Release Notifications

Releases of hazardous substances to the environment reported to the Office of Hazard Evaluation and Emergency Response since 1988.

Date of Government Version: 03/10/2010
Date Data Arrived at EDR: 03/16/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 28

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/29/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/12/2010
Next Scheduled EDR Contact: 08/23/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/18/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2010
Next Scheduled EDR Contact: 07/19/2010
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/29/2010
Date Data Arrived at EDR: 05/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/07/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 01/05/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/08/2009
Number of Days to Update: 1

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 01/21/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/12/2010
Date Data Arrived at EDR: 03/10/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 68

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/10/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 03/02/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/01/2010
Next Scheduled EDR Contact: 06/14/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 05/03/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 03/29/2010
Next Scheduled EDR Contact: 07/12/2010
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/01/2009
Date Data Arrived at EDR: 10/21/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 41

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/22/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/13/2010
Date Data Arrived at EDR: 04/14/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/14/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/15/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/25/2010
Next Scheduled EDR Contact: 09/06/2010
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing
A listing of underground injection well locations.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 03/31/2010
Date Made Active in Reports: 04/13/2010
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 03/22/2010
Next Scheduled EDR Contact: 06/21/2010
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing
A listing of permitted drycleaner facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

AIRS: List of Permitted Facilities
A listing of permitted facilities in the state.

Date of Government Version: 04/12/2010
Date Data Arrived at EDR: 04/13/2010
Date Made Active in Reports: 05/19/2010
Number of Days to Update: 36

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/12/2010
Next Scheduled EDR Contact: 07/26/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 02/10/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/10/2010
Next Scheduled EDR Contact: 08/09/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/14/2010
Next Scheduled EDR Contact: 08/16/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/16/2010
Next Scheduled EDR Contact: 06/28/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands
Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/21/2010
Next Scheduled EDR Contact: 08/02/2010
Data Release Frequency: N/A

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PIILANI HOMES
1028 WAINEE STREET
LAHAINA, HI 96761

TARGET PROPERTY COORDINATES

Latitude (North):	20.88060 - 20° 52' 50.2"
Longitude (West):	156.6806 - 156° 40' 50.2"
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	741296.9
UTM Y (Meters):	2310538.5
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	20156-H6 HALAWA OE S, HI
Most Recent Revision:	Not reported
South Map:	20156-G6 ISLAND OF LANAI OE NE, HI
Most Recent Revision:	Not reported

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

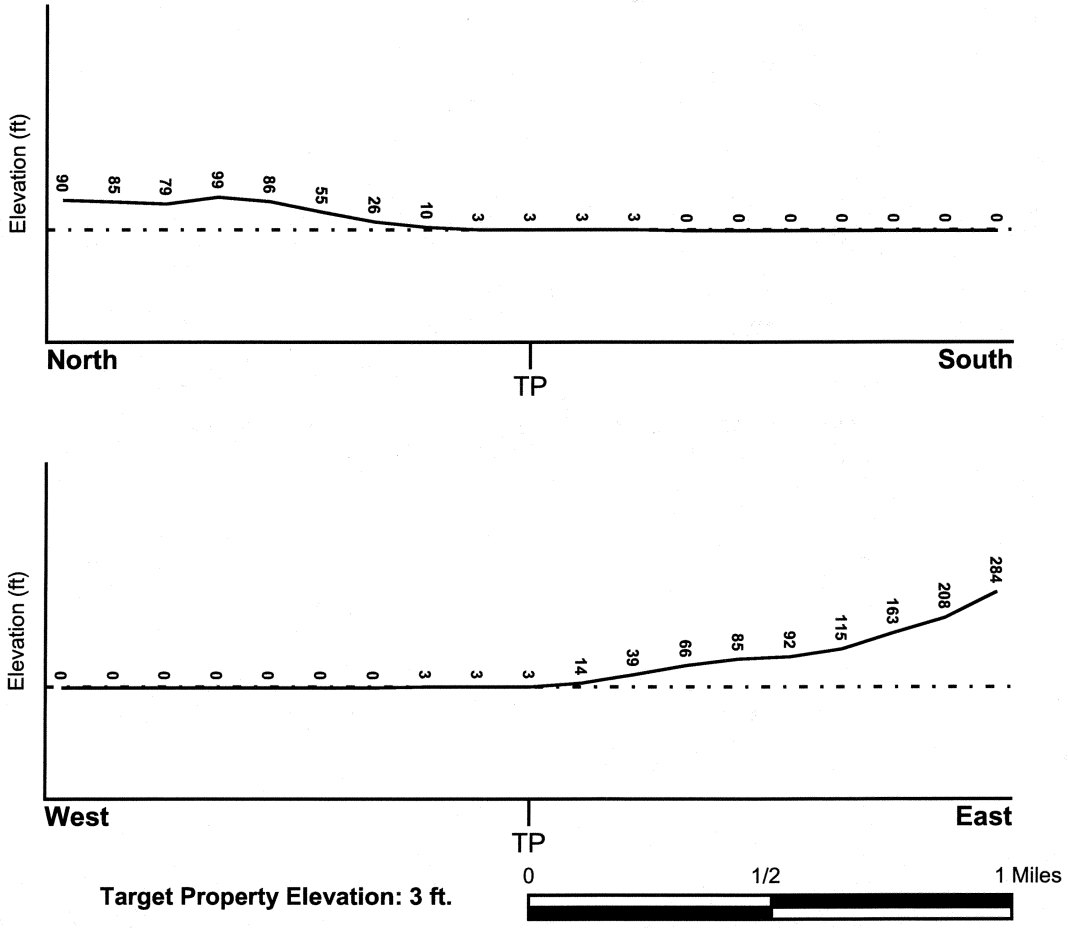
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
MAUI, HI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	1500030161B - FEMA Q3 Flood data
Additional Panels in search area:	1500030163B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

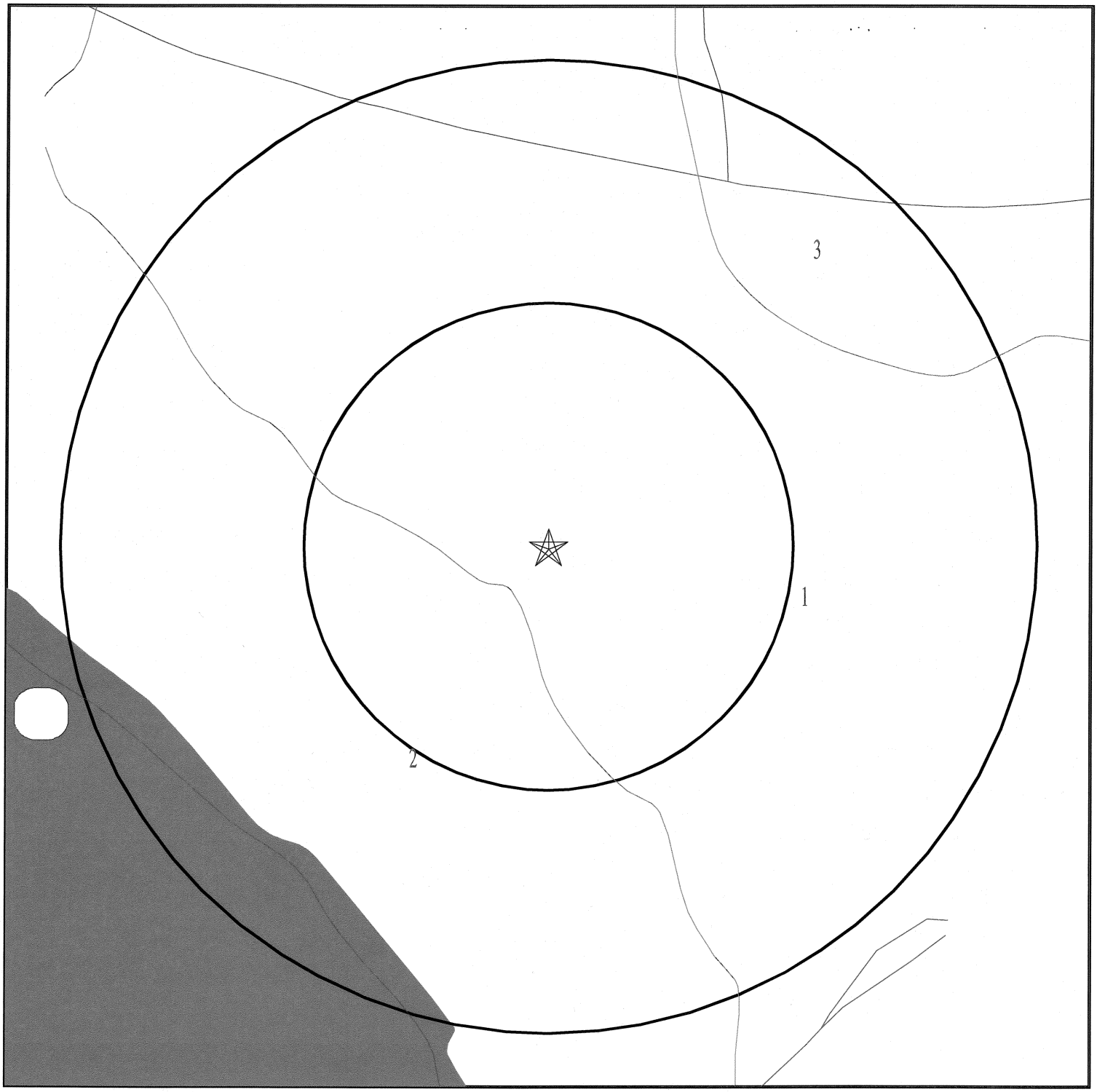
Era:	-
System:	-
Series:	-
Code:	N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2779851.8s



★ Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Piilani Homes	CLIENT:	Helber , Hastert, and Fee Planners
ADDRESS:	1028 Wainee Street Lahaina HI 96761	CONTACT:	Ronald A. Sato
LAT/LONG:	20.8806 / 156.6806	INQUIRY #:	2779851.8s
		DATE:	May 27, 2010 12:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Ewa

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 4.23	Max: 7.8 Min: 6.6
2	18 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	ML-K (proposed)	Max: 14 Min: 4.23	Max: 7.8 Min: 6.6

Soil Map ID: 2

Soil Component Name: Pulehu

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 7.8 Min: 6.6
2	20 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 7.8 Min: 6.6

Soil Map ID: 3

Soil Component Name: Wahikuli

Soil Surface Texture: very stony silty clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 81 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	very stony silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0.02	Max: Min:
2	14 inches	31 inches	gravelly silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0.02	Max: Min:
3	31 inches	42 inches	bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 0.42 Min: 0.02	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

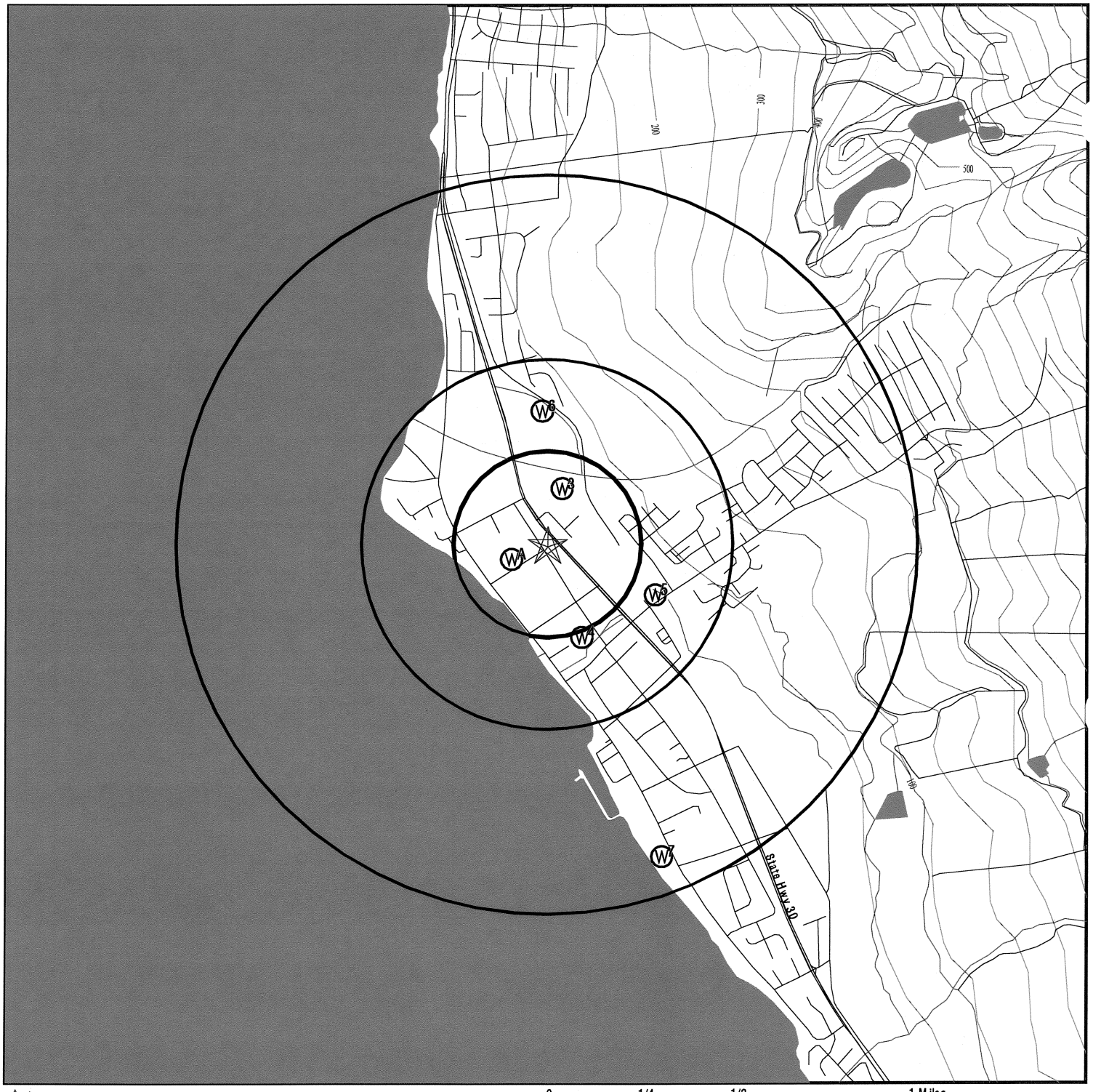
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	HI5000000001304	0 - 1/8 Mile SW
A2	HI5000000001311	0 - 1/8 Mile WSW
3	HI5000000001348	1/8 - 1/4 Mile NNE
4	HI5000000001278	1/4 - 1/2 Mile SSE
5	HI5000000001290	1/4 - 1/2 Mile ESE
6	HI5000000001384	1/4 - 1/2 Mile North
7	HI5000000001263	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 2779851.8s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

0 1/4 1/2 1 Miles

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

SITE NAME: Piilani Homes ADDRESS: 1028 Wainee Street Lahaina HI 96761 LAT/LONG: 20.8806 / 156.6806	CLIENT: Helber , Hastert, and Fee Planners CONTACT: Ronald A. Sato INQUIRY #: 2779851.8s DATE: May 27, 2010 12:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A1 **SW** **0 - 1/8 Mile** **Higher**	**HI WELLS**	**HI5000000001304**

Wid:	6-5241-001	Island:	6
Well no:	5241-01	Well name:	Lahaina Surf
Old name:	Not Reported	Yr drilled:	1985
Driller:	DAVID PICO	Quad map:	02
Longitude2:	1564105	Latitude27:	205259
Longitude8:	1564055	Latitude83:	205247
Lat83d:	20	Lat83m:	52
Lat83s:	47	Lon83d:	156
Lon83m:	40	Lon83s:	55
Lat83dd:	20.87972		
Lon83dd:	-156.68194		
Long83dd:	-156.68194		
Lat83dd 1:	20.87972		
Gps:	0	Utm:	1
Owner user:	Hale Mahaolu	Old number:	Not Reported
Well type:	ROT	Casing dia:	4
Ground el:	Not Reported	Well depth:	28
Solid case:	23	Perf case:	28
Use:	IRR - Landscape/Water Features		
Use year:	85		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	35.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.050
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-5-003:035	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1985
Pir:	########	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001304

A2 **WSW** **0 - 1/8 Mile** **Higher**	**HI WELLS**	**HI5000000001311**

Wid:	6-5341-002	Island:	6
Well no:	5341-02	Well name:	Front St. House
Old name:	Not Reported	Yr drilled:	Not Reported
Driller:	Not Reported	Quad map:	02
Longitude2:	1564106	Latitude27:	205301
Longitude8:	1564056	Latitude83:	205249
Lat83d:	20	Lat83m:	52
Lat83s:	49	Lon83d:	156
Lon83m:	40	Lon83s:	56
Lat83dd:	20.88028		
Lon83dd:	-156.68222		
Long83dd:	-156.68222		
Lat83dd 1:	20.88028		
Gps:	0	Utm:	1
Owner user:	Dornbush W	Old number:	Not Reported
Well type:	DUG	Casing dia:	6
Ground el:	13	Well depth:	35
Solid case:	25	Perf case:	Not Reported
Use:	IRR - Landscape/Water Features		
Use year:	00		
Init water:	Not Reported		
Init head:	.52		
Init chlor:	Not Reported	Init cl:	2360.00000
Test date:	########	Test gpm:	208
Test ddown:	9.17	Test chlor:	2360
Test temp:	77	Temp unit:	F
Pump gpm:	102.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	Not Reported
Pump yr:	02	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-22
Bot solid:	-12	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.147
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-5-003:013	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1933
Pir:	Not Reported	Surveyor:	BRUCE R LEE
T:	2652.00000	Pump elev:	-16
Pump depth:	29	Site id:	HI5000000001311

3
NNE
1/8 - 1/4 Mile
Higher

HI WELLS **HI5000000001348**

Wid:	6-5240-009	Island:	6
Well no:	5240-09	Well name:	Kahoma Irr
Old name:	Not Reported	Yr drilled:	2006
Driller:	Not Reported	Quad map:	02
Longitude2:	1564058	Latitude27:	205310
Longitude8:	1564048	Latitude83:	205258
Lat83d:	20	Lat83m:	52
Lat83s:	58	Lon83d:	156
Lon83m:	40	Lon83s:	48
Lat83dd:	20.88278		

Lon83dd:	-156.68		
Long83dd:	-156.68		
Lat83dd 1:	20.88278		
Gps:	1	Utm:	0
Owner user:	Not Reported	Old number:	Not Reported
Well type:	ROT	Casing dia:	6
Ground el:	29	Well depth:	58
Solid case:	38	Perf case:	58
Use:	IRR - Landscape/Water Features		
Use year:	06		
Init water:	Not Reported		
Init head:	3.5		
Init chlor:	Not Reported	Init cl:	820.00000
Test date:	2/1/2006	Test gpm:	160
Test ddown:	Not Reported	Test chlor:	820
Test temp:	70.0	Temp unit:	F
Pump gpm:	150.00000	Draft mgy:	Not Reported
Head feet:	3.50	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	06	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	Not Reported	Minchl:	Not Reported
Minchl yr:	Not Reported	Bot hole:	-29
Bot solid:	-9	Bot perf:	-29
Spec capac:	Not Reported	Pump mgd:	.216
Draft mgd:	Not Reported	Aquifer:	Not Reported
Tmk:	4-5-011:001	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	03/06/2008
Pir:	3/7/2008	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	-8
Pump depth:	37	Site id:	HI5000000001348

4
SSE
1/4 - 1/2 Mile
Higher

HI WELLS **HI5000000001278**

Wid:	6-5240-005	Island:	6
Well no:	5240-05	Well name:	Lahaina UMC
Old name:	Not Reported	Yr drilled:	1989
Driller:	BRYAN SARASIN	Quad map:	02
Longitude2:	1564055	Latitude27:	205249
Longitude8:	1564045	Latitude83:	205237
Lat83d:	20	Lat83m:	52
Lat83s:	37	Lon83d:	156
Lon83m:	40	Lon83s:	45
Lat83dd:	20.87694		
Lon83dd:	-156.67917		
Long83dd:	-156.67917		
Lat83dd 1:	20.87694		
Gps:	0	Utm:	1
Owner user:	Lahaina UMC	Old number:	Not Reported
Well type:	ROT	Casing dia:	4
Ground el:	8	Well depth:	78
Solid case:	55	Perf case:	Not Reported
Use:	IRR - Landscape/Water Features		
Use year:	89		
Init water:	Not Reported		

Init head:	0		
Init chlor:	100	Init cl:	100.00000
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	1200
Test temp:	20.0	Temp unit:	C
Pump gpm:	30.00000	Draft mgy:	Not Reported
Head feet:	Not Reported	Max chlor:	Not Reported
Min chlor:	Not Reported	Geology:	TW
Pump yr:	89	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	Not Reported
Minchl yr:	0	Bot hole:	-70
Bot solid:	-47	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.040
Draft mgd:	Not Reported	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1989
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001278

5
ESE
1/4 - 1/2 Mile
Higher

HI WELLS **HI5000000001290**

Wid:	6-5240-001	Island:	6
Well no:	5240-01	Well name:	Mill Pump C
Old name:	Not Reported	Yr drilled:	1897
Driller:	Not Reported	Quad map:	02
Longitude2:	1564044	Latitude27:	205255
Longitude8:	1564034	Latitude83:	205243
Lat83d:	20	Lat83m:	52
Lat83s:	43	Lon83d:	156
Lon83m:	40	Lon83s:	34
Lat83dd:	20.87861		
Lon83dd:	-156.67611		
Long83dd:	-156.67611		
Lat83dd 1:	20.87861		
Gps:	0	Utm:	1
Owner user:	Pioneer Mill Co., LLC	Old number:	7-SH
Well type:	SHF	Casing dia:	Not Reported
Ground el:	34	Well depth:	39
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed		
Use year:	06		
Init water:	Not Reported		
Init head:	0		
Init chlor:	540	Init cl:	540.00000
Test date:	Not Reported	Test gpm:	6944
Test ddown:	4.7	Test chlor:	680
Test temp:	22.8	Temp unit:	C
Pump gpm:	7000.00000	Draft mgy:	604
Head feet:	3.0	Max chlor:	1600
Min chlor:	1000	Geology:	TW
Pump yr:	42	Draft yr:	76
Head yr:	42	Maxchl:	1/1/1963

Maxchl yr:	63	Minchl:	1/1/1942
Minchl yr:	63	Bot hole:	-5
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	1477	Pump mgd:	10.000
Draft mgd:	1.7	Aquifer:	60204
Tmk:	4-5-009:007	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	3.00000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	04/21/2003
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001290

6
North
1/4 - 1/2 Mile
Higher

HI WELLS **HI5000000001384**

Wid:	6-5341-001	Island:	6
Well no:	5341-01	Well name:	Wahikuli Pump L
Old name:	Not Reported	Yr drilled:	1897
Driller:	Not Reported	Quad map:	02
Longitude2:	1564101	Latitude27:	205321
Longitude8:	1564051	Latitude83:	205309
Lat83d:	20	Lat83m:	53
Lat83s:	09	Lon83d:	156
Lon83m:	40	Lon83s:	51
Lat83dd:	20.88583		
Lon83dd:	-156.68083		
Long83dd:	-156.68083		
Lat83dd 1:	20.88583		
Gps:	0	Utm:	1
Owner user:	Pioneer Mill	Old number:	Not Reported
Well type:	TUN	Casing dia:	Not Reported
Ground el:	26	Well depth:	27
Solid case:	Not Reported	Perf case:	Not Reported
Use:	Not Reported		
Use year:	Not Reported		
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	3528.00000	Draft mgy:	548
Head feet:	1.5	Max chlor:	600
Min chlor:	378	Geology:	Not Reported
Pump yr:	Not Reported	Draft yr:	Not Reported
Head yr:	Not Reported	Maxchl:	########
Maxchl yr:	94	Minchl:	Not Reported
Minchl yr:	94	Bot hole:	-1
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	5.040
Draft mgd:	1.5	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	1.50000
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1933
Pir:	Not Reported	Surveyor:	Not Reported

T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001384

7
SSE **HI WELLS** **HI5000000001263**
1/2 - 1 Mile
Higher

Wid:	6-5240-004	Island:	6
Well no:	5240-04	Well name:	Lahaina
Old name:	Not Reported	Yr drilled:	1956
Driller:	PACIFIC DRLG	Quad map:	02
Longitude2:	1564043	Latitude27:	205218
Longitude8:	1564033	Latitude83:	205206
Lat83d:	20	Lat83m:	52
Lat83s:	06	Lon83d:	156
Lon83m:	40	Lon83s:	33
Lat83dd:	20.86833		
Lon83dd:	-156.67583		
Long83dd:	-156.67583		
Lat83dd 1:	20.86833		
Gps:	0	Utm:	1
Owner user:	Shaw P	Old number:	290-
Well type:	Not Reported	Casing dia:	6
Ground el:	10	Well depth:	55
Solid case:	20	Perf case:	Not Reported
Use:	UNU - Unused		
Use year:	58		
Init water:	4.0		
Init head:	4		
Init chlor:	Not Reported	Init cl:	Not Reported
Test date:	Not Reported	Test gpm:	150
Test ddown:	Not Reported	Test chlor:	3140
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	150.00000	Draft mgy:	79
Head feet:	Not Reported	Max chlor:	3140
Min chlor:	Not Reported	Geology:	RA
Pump yr:	56	Draft yr:	56
Head yr:	Not Reported	Maxchl:	Not Reported
Maxchl yr:	0	Minchl:	1/1/1956
Minchl yr:	0	Bot hole:	-45
Bot solid:	-10	Bot perf:	Not Reported
Spec capac:	Not Reported	Pump mgd:	0.220
Draft mgd:	0.2	Aquifer:	60204
Tmk:	Not Reported	Old aqui:	Not Reported
Aqui code:	60204	Latest hd:	Not Reported
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	01/01/1956
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Site id:	HI5000000001263

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for MAUI County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 96761

Number of sites tested: 10

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.030 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Well Index Database
Source: Department of Land and Natural Resources
Telephone: 808-587-0214
CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Appendix

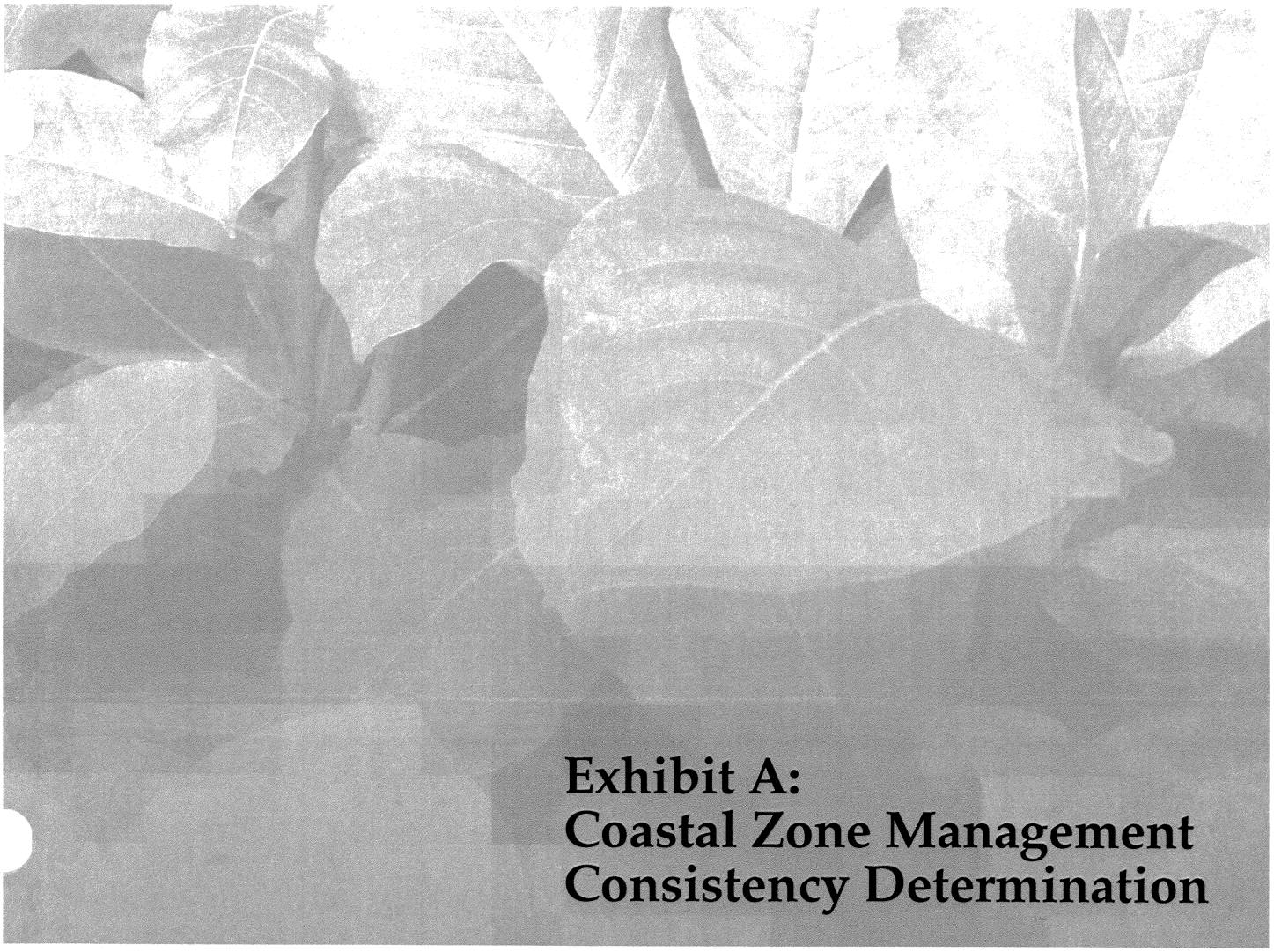

Exhibit A:
Coastal Zone Management Consistency Determination

LINDA LINGLE
GOVERNOR

DENISE M. WISE
EXECUTIVE DIRECTOR

BARBARA E. ARASHIRO
EXECUTIVE ASSISTANT

STATE OF HAWAII
DEPARTMENT OF HUMAN SERVICES
HAWAII PUBLIC HOUSING AUTHORITY
1002 NORTH SCHOOL STREET
P.O. BOX 17907
Honolulu, Hawaii 96817

IN REPLY REFER TO:

10:CMS/074

June 22, 2010

RECEIVED
JUN 24 2010
HELBER, HASTERT & FEE
PLANNERS

Mr. Abbey Seth Mayer, Director
Office of Planning
Department of Business, Economic Development & Tourism
State of Hawai'i
P.O. Box 2359
Honolulu, Hawaii 96804

Dear Mr. Seth Mayer:

Subject: Environmental Reviews for Federally-Subsidized Public Housing Projects Statewide
Hawai'i Coastal Zone Management (CZM) Program Federal Consistency Review

The State of Hawai'i, Hawai'i Public Housing Authority (HPHA), is currently conducting environmental reviews for their existing public housing projects located throughout the State. These environmental reviews are being conducted in conformance to the U.S. Department of Housing and Urban Development (HUD) requirements specified under 24 CFR Part 58 because federal funds are being used.

One of the environmental review requirements is to verify that the project complies with the Coastal Zone Management Act of 1972, as amended, which your department reviews. Previous reviews conducted in 2005 and in 2003 determined that projects receiving federal funds from the HUD Public Housing Capital Fund (OMB Catalog No. 14.872) do not require CZM federal consistency review. The Hawaii CZM program does not review any HUD grants or loans. Copies of correspondences documenting this are attached as Exhibit 1 for your reference. This request is to confirm that this condition is still applicable for proposed repair and rehabilitation projects planned for a total of 70 State public housing projects.

The HPHA is proposing to conduct minor repair and rehabilitation projects to 70 existing public housing projects which are identified under the table in Exhibit 2. Improvements would involve one or more or a combination of the following actions:

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;
2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;

3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use; and

It is possible that some projects could also include the conversion of cesspool systems by replacing them with septic tanks and seepage pits or leach fields.

We would greatly appreciate your assistance in responding within 15 days from the date of this letter or sooner if possible. Please contact Mr. Mitchell Kawamura, Project Engineer, at 832-5373 or via email at Mitchell.H.Kawamura@hawaii.gov if you have any questions.

Sincerely,

Denise M. Wise
Executive Director

Enclosures

c: Mr. Mitchell H. Kawamura, HPHA
Mr. Ronald A. Sato, Helber Hastert & Fee Planners, Inc.

EXHIBIT 1

RECEIVED
HSG. & COMMUNITY DEV.
CORPORATION OF HAWAII
2005 JUL 21 A 11:39

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

OFFICE OF PLANNING

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

LINDA LINGLE
GOVERNOR
THEODORE E. LIU
DIRECTOR
MARK K. ANDERSON
DEPUTY DIRECTOR
LAURA H. THIELEN
DIRECTOR
OFFICE OF PLANNING

Telephone: (808) 587-2846
Fax: (808) 587-2824

Ref. No. P-11029

July 20, 2005

To: Ms. Stephanie Aveiro, Executive Director
Department of Human Services
Housing and Community Development Corporation of Hawaii

From: Ms. Laura H. Thielen, Director *mary lou kobayashi for*
Office of Planning

Attention: Mitchell Kawamura, Project Engineer
Construction Management Unit 1

Subject: Hawaii Coastal Zone Management (CZM) Program Federal Consistency Review for a U.S. Department of Housing and Urban Development (HUD)

The proposal to use federal funds from HUD to assist minor repair and rehabilitation of 39 existing public housing projects as identified in Attachment 1 of your July 13, 2005 letter (Ref. 05:CMS/0355) does not require a review for consistency with Hawaii's CZM Program. The Hawaii CZM Program does not review any HUD grants or loans.

This statement is not an endorsement of the project nor does it convey approval with any other regulations administered by any State or County agency. Thank you for your cooperation in complying with Hawaii's CZM Program. If you have any questions, please call Debra Tom of our CZM Program at 587-2840.

Encl.

c: U.S. Department of Housing and Urban Development, Hawaii State Field Office
Department of Planning and Permitting, City & County of Honolulu
Planning Department, County of Hawaii
Planning Department, County of Kauai
Planning Department, County of Maui

Attachment 1: Project Sites

Property Name	Street Address	City	Island	Zip	TMK Number / Map Adjust.
Big Island					
Lanakila I, II, & III	600 Wailoa St.	Hilo	Hawaii	96720	2-4-28:7
Punahele Homes	Lokahi Pl.	Hilo	Hawaii	96720	2-4-52:22
Pomaikai	929 Ululani St.	Hilo	Hawaii	96720	2-4-25:92
Hale Olaloa	144 Kamana St.	Hilo	Hawaii	96720	2-4-56:21
Kauhale O'Hanakahi	19 Pamala St.	Hilo	Hawaii	96720	2-3-19:4
Hale Hauoli	45-540 Kaniaka Pl.	Honokaa	Hawaii	96727	4-5-10:78
Noelani II	65-1191 Opelo Rd.	Kamuela	Hawaii	96743	6-5-9:25 & 26
Kaimalino V	74-5060 Kealakaa St.	Kona	Hawaii	96740	7-4-17:11 & 14
Ka Hale Kahaluu	78-6725 Makolea St.	Kona	Hawaii	96740	7-8-10:70
Nani Olu	81-1011 Nani Kupuna Pl.	Kona	Hawaii	96740	8-1-02:48
Ke Kumu 'Ekolu	68-3385 Ke Kumu Pl.	Waikoloa	Hawaii	96738	6-8-02:43
Kauai					
Kapaa	4726 Malu Rd.	Kapaa	Kauai	96746	4-5-15:7, 38 & 42
Kekaha Ha'aheo	8238 Iwipolena St.	Kekaha	Kauai	96752	1-3-8: 9, 19, 20, 26
Kawailehua (Federal)	5230 Paanau Rd.	Koloa	Kauai	96756	2-6-4:46
Maui					
Piilani Homes	1028 Wainee St.	Lahaina	Maui	96761	4-5-07:5
Makani Kai Hale I & II	35 Koapaka Ln.	Waiehu	Maui	96793	3-3-01:10
Kahekili Terrace A	2015 Holowai Pl.	Wailuku	Maui	96793	3-4-17:146 3-4-33:23
Kahekili Terrace B	2015 Holowai Pl.	Wailuku	Maui	96793	3-4-17:146
Kahale Mua (Federal)	P.O. Box 30	Maunaloa	Molokai	96770	5-1-02:26
Oahu					
Puuwai Momi	99-132 Kohomua St.	Aiea	Oahu	96701	9-9-03:56 & 64
Mayor Wright Homes	521 N. Kukui St.	Honolulu	Oahu	96817	1-7-29:3 & 4
Palolo Valley Homes V	2107 Ahe St.	Honolulu	Oahu	96816	3-4-07:15 & 17
Kaahumanu Homes	Alokele & Kaiwiula St.	Honolulu	Oahu	96817	1-5-24:1
Kuhio Park Terrace V	1475 Linapuni St.	Honolulu	Oahu	96819	1-3-39:1
Kamehameha Homes	1541 Haka Dr.	Honolulu	Oahu	96817	1-5-01:1
Koolau Village	45-1027 Kamau Pl.	Kaneohe	Oahu	96744	4-5-23:8
Kaneohe Apartments	45-507 & 45-513 Pahia Rd.	Kaneohe	Oahu	96744	4-5-19:26
Maili I	Maliona St.	Maili	Oahu	96792	8-7-02:11 & 14
Maili II	Keliikipi St.	Maili	Oahu	96792	8-7-01:1 & 37
Hale Laulima	1184 Waimano Home Rd	Pearl City	Oahu	96782	9-7-94:25
Wahiawa Terrace	300 Palm St.	Wahiawa	Oahu	96786	7-1-01:34
Kauhale Nani	310 N. Cane St.	Wahiawa	Oahu	96786	7-4-07:14
Waimaha-Sunflower	85-186 McArthur St.	Waianae	Oahu	96792	8-5-10:29, 63 & 67
Kau'iokalani	85-658 Farrington Hwy.	Waianae	Oahu	96792	8-5-28:44
Waimanalo Homes A & B	Humuniki St. & Humuna Pl.	Waimanalo	Oahu	96795	4-1-22:100; 4-1-23:50 through 64; 4-1-28:5 through 22 4-1-28:5 107 through 122
Waipahu I	94-111 Pupuole Pl.	Waipahu	Oahu	96797	9-4-39:19
Waipahu II	94-132 Pupupuhi St.	Waipahu	Oahu	96797	9-4-39:76

"John Nakagawa" <JNakagaw@dbedt.hawaii.gov>

06/21/2002 08:45 AM

To: eric.sakanashi@hcdch.state.hi.us
cc:
Subject: Re: HUD Environmental Review

Eric:
This confirms that projects receiving federal funds from the U.S. Department of Housing and Urban Development, Public Housing Capital Fund (OMB Catalog No. 14.872) do not require CZM federal consistency review. The Public Housing Capital Fund program is not listed in our federally approved CZM Program for CZM federal consistency review.
John Nakagawa, CZM Hawaii

eric.sakanashi@hcdch.state.hi.us

06/20/2002 09:15 AM

To: jnakagaw@dbedt.hawaii.gov
cc:
Subject: HUD Environmental Review

John,

Thanks for taking the time to explain the CZM Program Federal Consistency Review.

Per our discussion, the Memo dated August 16, 2001 from the Office of Planning is still valid in that the Public Housing Capital Fund program is not listed in the Office of Planning's federally approved CZM Program and therefore any proposed projects do not require CZM federal consistency review.

HUD grants to the counties or the State with no other participation by HUD does not require CZM federal consistency review for the State of Hawaii. However, if there is participation by HUD, aside from grant, then a CZM federal consistency review is required.

Therefore, the Office of Planning or the Housing and Community Development Corporation of Hawaii are not required to perform a CZM federal consistency review for the HUD Environmental Review.

Please respond for the Environmental Review file.

Thanks again,
Eric

EXHIBIT 2
LISTING OF HOUSING PROJECTS

No.	Project Name	Street Address	County	Island	ZIP Code	TMK
1	***Lanakila I***	***600 Wailoa St.***	***Hilo***	***Hawaii***	***96720***	***2-4-028:007***
2	***Lanakila II***	***600 Wailoa St.***	***Hilo***	***Hawaii***	***96720***	***2-4-028:007***
3	***Lanakila III***	***600 Wailoa St.***	***Hilo***	***Hawaii***	***96720***	***2-4-028:007***
4	Lanakila IV	600 Wailoa St.	Hilo	Hawaii	96720	2-4-028:007
5	Lanakila V	600 Wailoa St.	Hilo	Hawaii	96720	2-4-028:007
6	Kalihi Valley Homes	2250 Kalena Drive	Honolulu	Oahu	96819	1-3-022:001
7	Hale Aloha O'Puna (Eld)	16-189 Pili Mua St.	Keaau	Hawaii	96749	1-6-143:035
8	***Pomaikai***	***929 Ululani St.***	***Hilo***	***Hawaii***	***96720***	***2-4-025:092***
9	Kauhale O'Hanakahi (a)	19 Pamala St.	Hilo	Hawaii	96720	2-4-052:001
10	***Punahele Homes***	***Lokahi Pl.***	***Hilo***	***Hawaii***	***96720***	***2-4-052:022***
11	***Hale Olaloa***	***144 Kamana St.***	***Hilo***	***Hawaii***	***96720***	***2-4-056:021***
12	***Hale Hauoli***	***45-540 Kaniaka Pl.***	***Honokaa***	***Hawaii***	***96727***	***4-5-010:078***
13	Noelani I	65-1191 Opelo Road	Kamuela	Hawaii	96743	6-5-009:025
14	***Noelani II***	***65-1191 Opelo Rd.***	***Kamuela***	***Hawaii***	***96743***	***6-5-009:026***
15	***Ke Kumu 'Ekolu (b)***	***68-3385 Ke Kumu Pl.***	***Waikoloa***	***Hawaii***	***96738***	***6-8-002:043***
16	***Kaimalino***	***74-5060 Kealakaa St.***	***Kona***	***Hawaii***	***96740***	***7-4-017:029***
17	Kealakehe	74-991 Manawale'a St.	Kailua-Kona	Hawaii	96740	7-4-017:058
18	***Ka Hale Kahaluu***	***78-6725 Makolea St.***	***Kona***	***Hawaii***	***96740***	***7-8-010:070***
19	Nani Olu	81-1011 Nani Kupuna Pl.	Kona	Hawaii	96740	8-1-002:048
20	Hale Hookipa (Eld)	81-1038 Nani Kupuna Place	Kealakekua	Hawaii	96750	8-1-002:049
21	Pahala (Eld)	96-1169 Holei St.	Pahala	Hawaii	96720	9-6-017:037
22	***Kekaha Ha'aheo***	***8238 Iwipolena St.***	***Kekaha***	***Kauai***	***96752***	***1-3-008:020, 026***
23	Home Nani (Eld)	Moana & Laau Rd.	Waimea	Kauai	96796	1-6-007:031
24	Eleele Homes	Ahe St.	Eleele	Kauai	96705	2-1-001:013, 042
25	Hale Hoonanea (Eld)	4401 Waialo Road	Eleele	Kauai	96705	2-1-003:017
26	Kalaheo Homes	Puu Road	Kalaheo	Kauai	96741	2-3-012:030
27	***Kawailehua (Federal)***	***5230 Paanau Rd.***	***Koloa***	***Kauai***	***96756***	***2-6-004:058***
28	Hui O'Hanamaulu	Laukona St.	Hanamaulu	Kauai	96715	3-8-012:030
29	***Kapaa***	***4726 Malu Rd.***	***Kapaa***	***Kauai***	***96746***	***4-5-015:007, 038, 042***
30	Hale Nani Kai O'Kea (Eld)	4850 Kawaihau Rd.	Kapaa	Kauai	96746	4-6-014:105
31	Hale Hoolulu (Eld)	4264 Ala Muku Place	Kilauea	Kauai	96754	5-2-008:056
32	***Makani Kai Hale I***	***35 Koapaka Ln.***	***Waiehu***	***Maui***	***96793***	***3-3-015:001***
33	***Makani Kai Hale II (c)***	***35 Koapaka Ln.***	***Waiehu***	***Maui***	***96793***	***3-3-015:001***
34	***Kahekili Terrace (A & B)***	***2015 Holowai Pl.***	***Wailuku***	***Maui***	***96793***	***3-4-017:146; 3-4-033:023***
35	***Piilani Homes***	***1028 Wainee St.***	***Lahaina***	***Maui***	***96761***	***4-5-007:005***
36	David Malo Circle	Mill St.	Lahaina	Maui	96761	4-6-010:028
37	***Kahale Mua (Federal)***	***P.O. Box 30***	***Maunaloa***	***Molokai***	***96770***	***5-1-002:039***
38	Salt Lake Apts.	2907 Ala Ilima St.	Honolulu	Oahu	96818	1-1-062:007
39	***Kuhio Park Terrace***	***1475 Linapuni St.***	***Honolulu***	***Oahu***	***96819***	***1-3-039:001***
40	Kuhio Homes	Ahonui St.	Honolulu	Oahu	96819	1-3-039:003,006

Note: Housing projects reviewed in 2005 highlighted in bold/italic

EXHIBIT 2 (Continued)
LISTING OF HOUSING PROJECTS

No.	Project Name	Street Address	County	Island	ZIP Code	TMK
41	***Kamehameha Homes***	***1541 Haka Dr.***	***Honolulu***	***Oahu***	***96817***	***1-5-001:001***
42	***Kaahumanu Homes***	***Alokele & Kaiwiula St.***	***Honolulu***	***Oahu***	***96817***	***1-5-024:001***
43	Kalanihuia (Eld)	1220 Aala St.	Honolulu	Oahu	96817	1-7-026:006
44	***Mayor Wright Homes***	***521 N. Kukui St.***	***Honolulu***	***Oahu***	***96817***	***1-7-029:003***
45	Punchbowl Homes (Eld. & Family)	730 Captain Cooke Ave.	Honolulu	Oahu	96813	2-1-039:012
46	Makamae (Eld)	21 South Kuakini St.	Honolulu	Oahu	96813	2-2-001:020
47	Kalakaua Homes	1545 Kalakaua Ave.	Honolulu	Oahu	96826	2-3-019:004
48	Makua Alii (Eld)	1541 Kalakaua Ave.	Honolulu	Oahu	96826	2-3-019:004
49	Paoakalani (Eld)	1583 Kalakaua Ave.	Honolulu	Oahu	96826	2-3-019:004
50	Pumehana (Eld)	1212 Kinau St.	Honolulu	Oahu	96814	2-4-011:039
51	Spencer House	1035 Spencer St.	Honolulu	Oahu	96822	2-4-016:008
52	***Palolo Valley Homes***	***2107 Ahe St.***	***Honolulu***	***Oahu***	***96816***	***3-4-007:015, 016, 017, 018***
53	Kauhale Ohana	41-1260 Kalanianaole Hwy.	Waimanalo	Oahu	96795	4-1-009:286
54	***Waimanalo Homes I***	***Humuniki St. & Humuna Pl.***	***Waimanalo***	***Oahu***	***96795***	***4-1-022:100; 4-1-023:050-064, 068; 4-1-028:005-022 and 107-122***
55	***Waimanalo Homes II***	***Humuniki St. & Humuna Pl.***	***Waimanalo***	***Oahu***	***96795***	***4-1-022:100; 4-1-023:050-064; 4-1-028:005-022 and 107-122***
56	***Kaneohe Apartments***	***45-507 & 45-513 Pahia Rd.***	***Kaneohe***	***Oahu***	***96744***	***4-5-019:026***
57	***Koolau Village***	***45-1027 Kamau Pl.***	***Kaneohe***	***Oahu***	***96744***	***4-5-023:008***
58	Hookipa Kahaluu	47-330 Ahuimanu Rd.	Kaneohe	Oahu	96744	4-7-037:016
59	Kupuna Home O'Waialua (Eld)	67-088 Goodale Ave.	Waialua	Oahu	96791	6-7-016:028
60	***Wahiawa Terrace***	***300 Palm St.***	***Wahiawa***	***Oahu***	***96786***	***7-1-001:034***
61	***Kauhale Nani***	***310 N. Cane St.***	***Wahiawa***	***Oahu***	***96786***	***7-4-007:014***
62	***Waimaha-Sunflower***	***85-186 McArthur St.***	***Waianae***	***Oahu***	***96792***	***8-5-010:029, 063, 067***
63	***Kau'iokalani***	***85-658 Farrington Hwy.***	***Waianae***	***Oahu***	***96792***	***8-5-028:044***
64	***Maili II***	***Keliikipi St.***	***Maili***	***Oahu***	***96792***	***8-7-001:001, 037***
65	***Maili I***	***Maliona St.***	***Maili***	***Oahu***	***96792***	***8-7-002:011, 014***
66	Nanakuli Homes	Farrington Hwy.	Nanakuli	Oahu	96792	8-7-034:004
67	***Waipahu I***	***94-111 Pupuole Pl.***	***Waipahu***	***Oahu***	***96797***	***9-4-039:019***
68	***Waipahu II***	***94-132 Pupupuhi St.***	***Waipahu***	***Oahu***	***96797***	***9-4-039:076***
69	***Hale Laulima***	***1184 Waimano Home Road***	***Pearl City***	***Oahu***	***96782***	***9-7-094:025***
70	***Puuwai Momi***	***99-132 Kohomua St.***	***Aiea***	***Oahu***	***96701***	***9-9-003:056, 064***

Note: Housing projects reviewed in 2005 highlighted in bold/italic

Exhibit B:
Section 7 Consultation

LINDA LINGLE
GOVERNOR

DENISE M. WISE
EXECUTIVE DIRECTOR

BARBARA E. ARASHIRO
EXECUTIVE ASSISTANT

STATE OF HAWAII
DEPARTMENT OF HUMAN SERVICES
HAWAII PUBLIC HOUSING AUTHORITY
1002 NORTH SCHOOL STREET
POST OFFICE BOX 17907
Honolulu, Hawaii 96817

IN REPLY PLEASE REFER TO:

10:CMS/087

July 13, 2010

Ms. Dawn Greenlee
Fish and Wildlife Services
U.S. Department of the Interior
300 Ala Moana Boulevard, Room 3-122
Box 50088
Honolulu, Hawaii 96813

Dear Ms. Greenlee:

Subject: Environmental Reviews for Federally-Subsidized Public Housing Projects Statewide Section 7 Consultation and Determination, Endangered Species Act

This letter is a follow up to our previous letter dated May 21, 2010 concerning 64 existing public housing projects for which the State of Hawai'i, Hawai'i Public Housing Authority (HPHA), is proposing to implement minor repair and rehabilitation improvements. These improvements are considered a Federal "action" due to the use of federal funds from the U.S. Department of Housing and Urban Development (HUD). The improvements are not considered a "major construction activity" and therefore "informal consultation" is being conducted with the U.S. Fish and Wildlife Service (FWS) under Section 7 of the Endangered Species Act (ESA).

Based upon consultation efforts and a meeting held with the FWS on June 24, 2010, HPHA has determined that the majority of existing housing projects for which improvements are planned would have no likelihood of effect on any listed species or proposed species, or existing or proposed designated critical habitat. However, the following listed species may occur in the vicinity of some of the proposed projects:

1. Endangered Hawaiian hoary bat (*Lasiurus cinereus semotus*);
2. Threatened Newell's shearwater (*Puffinus auricularis newelli*) and endangered Hawaiian petrel (*Pterodroma phaeopygia sandwichensis*) (collectively referred to as "seabirds"); and
3. Endangered Blackburn's sphinx moth (*Manduca blackburni*).

Those housing projects that may be affected are identified, and we will incorporate the following measures into the project to minimize potential impacts to these species.

Hawaiian Hoary Bat

To avoid impacts to the endangered Hawaiian hoary bat, woody plants greater than 15 feet (4.6 meters) tall would not be removed or trimmed during the bat birthing and pup rearing season (May 15 through August 15). However, if trimming or removal of applicable plants is required during the birthing and pup rearing season, a qualified biologist will first conduct a survey of applicable plants to determine if Hawaiian hoary bats are present prior to starting such work. Plant trimming or removal would be allowed to occur if no bats are present. These measures would be applicable to the following list of housing projects under Table 1.

TABLE 1
LISTING OF HOUSING PROJECTS

No.	Project Name	Street Address	County	Island	ZIP Code	TMK
1	Hale Aloha O'Puna (Eld)	16-189 Pili Mua St.	Keaau	Hawaii	96749	1-6-143:035
2	Pomaikai	929 Ululani St.	Hilo	Hawaii	96720	2-4-025:092
3	Kauhale O'Hanakahi (a)	19 Pamala St.	Hilo	Hawaii	96720	2-4-052:001
4	Punahele Homes	Lokahi Pl.	Hilo	Hawaii	96720	2-4-052:022
5	Hale Olaloa	144 Kamana St.	Hilo	Hawaii	96720	2-4-056:021
6	Hale Hauoli	45-540 Kaniaka Pl.	Honokaa	Hawaii	96727	4-5-010:078
7	Noelani I	65-1191 Opelo Road	Kamuela	Hawaii	96743	6-5-009:025
8	Noelani II	65-1191 Opelo Rd.	Kamuela	Hawaii	96743	6-5-009:026
9	Ke Kumu 'Ekolu (b)	68-3385 Ke Kumu Pl.	Waikoloa	Hawaii	96738	6-8-002:043
10	Kaimalino	74-5060 Kealakaa St.	Kona	Hawaii	96740	7-4-017:029
11	Kealakehe	74-991 Manawale'a St.	Kailua-Kona	Hawaii	96740	7-4-017:058
12	Ka Hale Kahaluu	78-6725 Makolea St.	Kona	Hawaii	96740	7-8-010:070
13	Nani Olu	81-1011 Nani Kupuna Pl.	Kona	Hawaii	96740	8-1-002:048
14	Hale Hookipa (Eld)	81-1038 Nani Kupuna Place	Kealakekua	Hawaii	96750	8-1-002:049
15	Pahala (Eld)	96-1169 Holei St.	Pahala	Hawaii	96720	9-6-017:037
16	Kekaha Ha'aheo	8238 Iwipolena St.	Kekaha	Kauai	96752	1-3-008:020, 026
17	Home Nani (Eld)	Moana & Laau Rd.	Waimea	Kauai	96796	1-6-007:031
18	Eleele Homes	Ahe St.	Eleele	Kauai	96705	2-1-001:013, 042
19	Hale Hoonanea (Eld)	4401 Waialo Road	Eleele	Kauai	96705	2-1-003:017
20	Kalaheo Homes	Puu Road	Kalaheo	Kauai	96741	2-3-012:030
21	Kawailehua (Federal)	5230 Paanau Rd.	Koloa	Kauai	96756	2-6-004:058
22	Hui O'Hanamaulu	Laukona St.	Hanamaulu	Kauai	96715	3-8-012:030
23	Kapaa	4726 Malu Rd.	Kapaa	Kauai	96746	4-5-015:007, 038, 042
24	Hale Nani Kai O'Kea (Eld)	4850 Kawaihau Rd.	Kapaa	Kauai	96746	4-6-014:105
25	Hale Hoolulu (Eld)	4264 Ala Muku Place	Kilauea	Kauai	96754	5-2-008:056
26	Makani Kai Hale I	35 Koapaka Ln.	Waiehu	Maui	96793	3-3-015:001
27	Makani Kai Hale II (c)	35 Koapaka Ln.	Waiehu	Maui	96793	3-3-015:001
29	Piilani Homes	1028 Wainee St.	Lahaina	Maui	96761	4-5-007:005

30	David Malo Circle	Mill St.	Lahaina	Maui	96761	4-6-010:028
31	Kauhale Ohana	41-1260 Kalanianaole Hwy.	Waimanalo	Oahu	96795	4-1-009:286
32	Waimanalo Homes I	Humuniki St. & Humuna Pl.	Waimanalo	Oahu	96795	4-1-022:100; 4-1-023:050-064, 068; 4-1-028:005-022 and 107-122
33	Waimanalo Homes II	Humuniki St. & Humuna Pl.	Waimanalo	Oahu	96795	4-1-022:100; 4-1-023:050-064; 4-1-028:005-022 and 107-122
34	Kaneohe Apartments	45-507 & 45-513 Pahia Rd.	Kaneohe	Oahu	96744	4-5-019:026
35	Koolau Village	45-1027 Kamau Pl.	Kaneohe	Oahu	96744	4-5-023:008
36	Hookipa Kahaluu	47-330 Ahuimanu Rd.	Kaneohe	Oahu	96744	4-7-037:016
37	Kupuna Home O'Waialua (Eld)	67-088 Goodale Ave.	Waialua	Oahu	96791	6-7-016:028
38	Wahiawa Terrace	300 Palm St.	Wahiawa	Oahu	96786	7-1-001:034
39	Kauhale Nani	310 N. Cane St.	Wahiawa	Oahu	96786	7-4-007:014
40	Waimaha-Sunflower	85-186 McArthur St.	Waianae	Oahu	96792	8-5-010:029, 063, 067
41	Kau'iokalani	85-658 Farrington Hwy.	Waianae	Oahu	96792	8-5-028:044
42	Maili II	Keliikipi St.	Maili	Oahu	96792	8-7-001:001, 037
43	Maili I	Maliona St.	Maili	Oahu	96792	8-7-002:011, 014
44	Nanakuli Homes	Farrington Hwy.	Nanakuli	Oahu	96792	8-7-034:004

Newell's Shearwater And Hawaiian Petrel

Seabirds protected by the Migratory Bird Treaty Act (MBTA) may traverse certain project areas at night during the breeding season (February 1 through December 15). Any outdoor lighting, particularly when used during each year's peak fledging period (September 15 through December 15), could result in seabird disorientation, fallout, and injury or mortality. Potential impacts to seabirds will be minimized by shielding outdoor lights associated with project renovation or rehabilitation improvements and by avoiding night-time construction. Project lights will be shielded so the bulb can be seen only from below following guidelines specified by the State Department of Land and Natural Resources, Division of Forestry and Wildlife. These measures would be applicable to the following list of housing projects under Table 2, should new outdoor lighting be included as part of the project actions.

TABLE 2
LISTING OF HOUSING PROJECTS

No.	Project Name	Street Address	County	Island	ZIP Code	TMK
1	Hale Aloha O'Puna (Eld)	16-189 Pili Mua St.	Keaau	Hawaii	96749	1-6-143:035
2	Pomaikai	929 Ululani St.	Hilo	Hawaii	96720	2-4-025:092
3	Kauhale O'Hanakahi (a)	19 Pamala St.	Hilo	Hawaii	96720	2-4-052:001
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7	Noelani I	65-1191 Opelo Road	Kamuela	Hawaii	96743	6-5-009:025
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12	Ka Hale Kahaluu	78-6725 Makolea St.	Kona	Hawaii	96740	7-8-010:070
13	Nani Olu	81-1011 Nani Kupuna Pl.	Kona	Hawaii	96740	8-1-002:048
14	Hale Hookipa (Eld)	81-1038 Nani Kupuna Place	Kealakekua	Hawaii	96750	8-1-002:049
15	Pahala (Eld)	96-1169 Holei St.	Pahala	Hawaii	96720	9-6-017:037
16	Kekaha Ha'aheo	8238 Iwipolena St.	Kekaha	Kauai	96752	1-3-008:020, 026
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23	Kapaa	4726 Malu Rd.	Kapaa	Kauai	96746	4-5-015:007, 038, 042
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30	David Malo Circle	Mill St.	Lahaina	Maui	96761	4-6-010:028
31	Kauhale Ohana	41-1260 Kalanianaole Hwy.	Waimanalo	Oahu	96795	4-1-009:286
32	Waimanalo Homes I	Humuniki St. & Humuna Pl.	Waimanalo	Oahu	96795	4-1-022:100; 4-1-023:050-064, 068; 4-1-028:005-022 and 107-122
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34	Kaneohe Apartments	45-507 & 45-513 Pahia Rd.	Kaneohe	Oahu	96744	4-5-019:026
35	Koolau Village	45-1027 Kamau Pl.	Kaneohe	Oahu	96744	4-5-023:008
36	Hookipa Kahaluu	47-330 Ahuimanu Rd.	Kaneohe	Oahu	96744	4-7-037:016
37	Kupuna Home O'Waialua (Eld)	67-088 Goodale Ave.	Waialua	Oahu	96791	6-7-016:028
38	Wahiawa Terrace	300 Palm St.	Wahiawa	Oahu	96786	7-1-001:034
39	Kauhale Nani	310 N. Cane St.	Wahiawa	Oahu	96786	7-4-007:014
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41	Kau'iokalani	85-658 Farrington Hwy.	Waianae	Oahu	96792	8-5-028:044
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43	Maili I	Maliona St.	Maili	Oahu	96792	8-7-002:011, 014
44	Nanakuli Homes	Farrington Hwy.	Nanakuli	Oahu	96792	8-7-034:004

Blackburn's Sphinx Moth

The endangered Blackburn's sphinx moth occurs in the vicinity of some project areas. The adult moth feeds on nectar from native plants including beach morning glory (*Ipomoea pes-caprae*), iliee (*Plumbago zeylanica*), maiapilo (*Capparis sandwichiana*), and the larvae feed upon non-native tree tobacco (*Nicotiana glauca*) and the native aiea (*Nothocestrum latifolium*). Other host plants in the Solanaceae family include non-native *Nicotiana tabacum* (commercial tobacco), *Solanum melongena* (eggplant), *Lycopersicon esculentum* (tomato), and possibly *Datura stramonium* (Jimson weed). Blackburn's sphinx moth larvae may feed on additional plants in the Solanaceae family.

To avoid impacts to this moth, construction areas utilized for renovation or rehabilitation improvements that are not entirely within landscaped, paved, or developed areas will be surveyed by a qualified biologist for the presence of the Blackburn's sphinx moth and its host plants. No Blackburn's sphinx moth host plant will be removed or trimmed, and the soil within 33 feet (10 meters) of the host plant will be protected from disturbance, throughout implementation of this project. If trimming or removal of host plants is required, consultation with the FWS will first be conducted. These measures would be applicable to the following list of housing projects under Table 3.

TABLE 3
LISTING OF HOUSING PROJECTS

No.	Project Name	Street Address	County	Island	ZIP Code	TMK
1	Hale Aloha O'Puna (Eld)	16-189 Pili Mua St.	Keaau	Hawaii	96749	1-6-143:035
2	Pomaikai	929 Ululani St.	Hilo	Hawaii	96720	2-4-025:092
3	Kauhale O'Hanakahi (a)	19 Pamala St.	Hilo	Hawaii	96720	2-4-052:001
4	Punahele Homes	Lokahi Pl.	Hilo	Hawaii	96720	2-4-052:022
5	Hale Olaloa	144 Kamana St.	Hilo	Hawaii	96720	2-4-056:021
6	Hale Hauoli	45-540 Kaniaka Pl.	Honokaa	Hawaii	96727	4-5-010:078
7	Noelani I	65-1191 Opelo Road	Kamuela	Hawaii	96743	6-5-009:025
8	Noelani II	65-1191 Opelo Rd.	Kamuela	Hawaii	96743	6-5-009:026
9	Ke Kumu 'Ekolu (b)	68-3385 Ke Kumu Pl.	Waikoloa	Hawaii	96738	6-8-002:043
10	Kaimalino	74-5060 Kealakaa St.	Kona	Hawaii	96740	7-4-017:029
11	Kealakehe	74-991 Manawale'a St.	Kailua-Kona	Hawaii	96740	7-4-017:058
12	Ka Hale Kahaluu	78-6725 Makolea St.	Kona	Hawaii	96740	7-8-010:070
13	Nani Olu	81-1011 Nani Kupuna Pl.	Kona	Hawaii	96740	8-1-002:048
14	Hale Hookipa (Eld)	81-1038 Nani Kupuna Place	Kealakekua	Hawaii	96750	8-1-002:049
15	Pahala (Eld)	96-1169 Holei St.	Pahala	Hawaii	96720	9-6-017:037
16	Makani Kai Hale I	35 Koapaka Ln.	Waiehu	Maui	96793	3-3-015:001
17	Makani Kai Hale II (c)	35 Koapaka Ln.	Waiehu	Maui	96793	3-3-015:001
18	Piilani Homes	1028 Wainee St.	Lahaina	Maui	96761	4-5-007:005
19	David Malo Circle	Mill St.	Lahaina	Maui	96761	4-6-010:028

Determination

Based upon the measures identified for certain housing projects, we have determined that implementation of the improvements is not likely to adversely affect the four listed species identified. We are writing to request your concurrence with this determination.

We would greatly appreciate your assistance in responding within 30 days from the date of this letter or sooner if possible. Please contact Mr. Mitchell Kawamura, Project Engineer at 832-5373 or via email at Mitchel.H.Kawamura@hawaii.gov if you have any questions.

Sincerely,

Denise M. Wise
Executive Director

cc: Mitchell H. Kawamura, Project Engineer
Ronald A. Sato, HHF

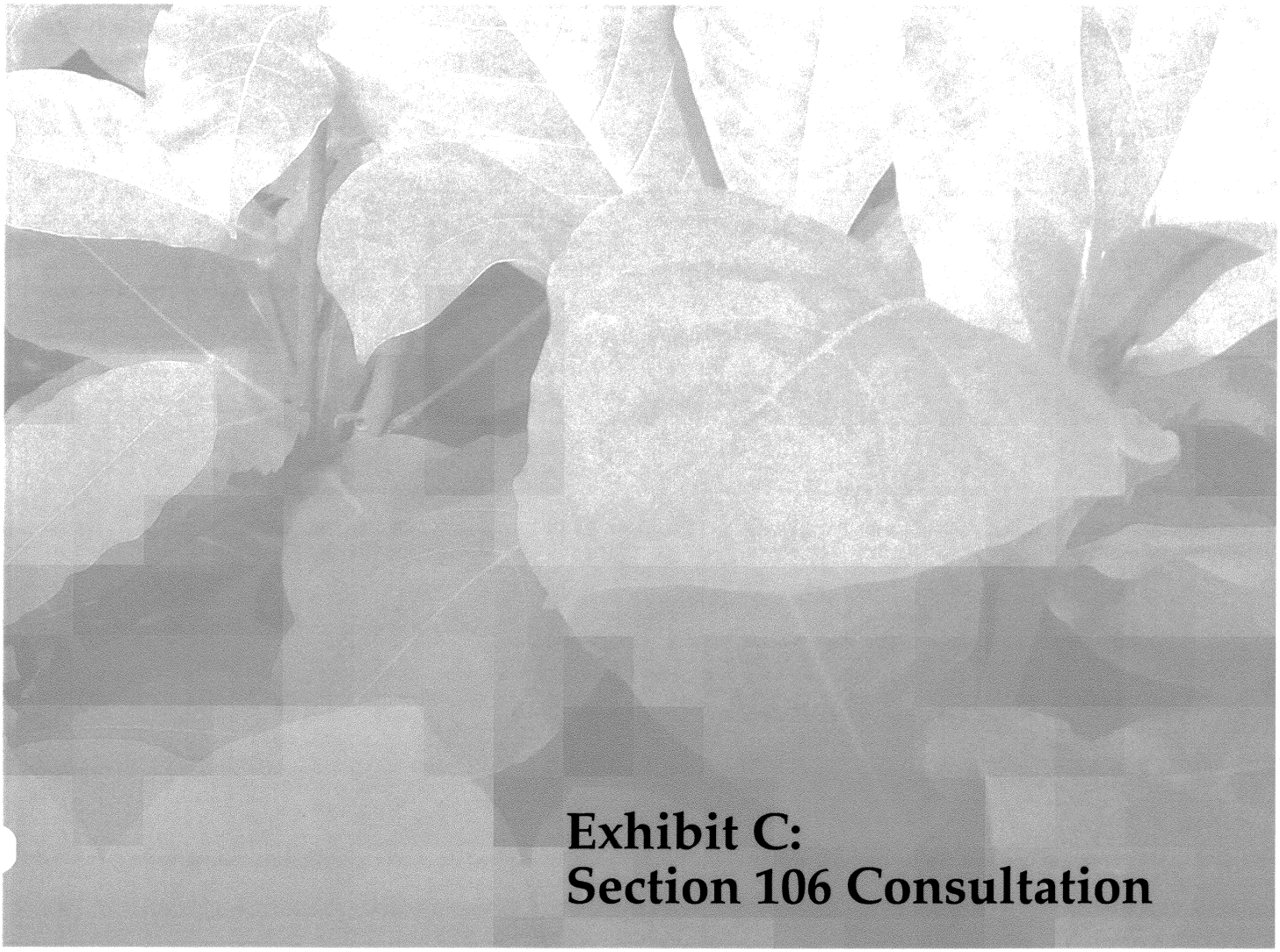

Exhibit C:
Section 106 Consultation

NEIL ABERCROMBIE
GOVERNOR

DENISE M. WISE
EXECUTIVE DIRECTOR

BARBARA E. ARASHIRO
EXECUTIVE ASSISTANT

STATE OF HAWAII
DEPARTMENT OF HUMAN SERVICES
HAWAII PUBLIC HOUSING AUTHORITY
1002 NORTH SCHOOL STREET
POST OFFICE BOX 17907
Honolulu, Hawaii 96817

IN REPLY PLEASE REFER:
11:CMS/035

April 19, 2011

TO: William Aila, Director
Department of Land and Natural Resources

THROUGH: Patricia McManaman, Director
Department of Human Services

FROM: Denise M. Wise, Executive Director
Hawaii Public Housing Authority

SUBJECT: Environmental Reviews for Federally-Subsidized Public Housing Projects Statewide Section 106 Consultation – No Effect Determination

The State of Hawai'i, Hawai'i Public Housing Authority (HPHA) is proposing to conduct minor repair and rehabilitation improvement projects to several existing public housing projects located throughout the State. The HPHA has subsequently conducted environmental reviews for these existing public housing projects. These environmental reviews were conducted in conformance to the U.S. Department of Housing and Urban Development (HUD) requirements specified under 24 CFR Part 58 because federal funds are being used. One of the environmental review requirements is Section 106 consultation with the State Historic Preservation Officer under the National Historic Preservation Act, as amended (NHPA) (16 U.S.C. 470(f)). A "no effect" determination is proposed for the rehabilitation improvements that would be implemented for housing projects that are the subject of this letter.

Funding for these housing projects are being expended through federal funds from HUD under the Economic Development Initiative (EDI) Special Project Grant, Capital Fund Grants, or other available grants. Proposed improvements to housing projects are not considered a "major construction activity" and it would involve one or a combination of the following actions identified below.

1. Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and utilities that would not increase the capacity or size of existing facilities by more than 20 percent;

2. Interior and exterior improvements directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons;
3. Rehabilitation of buildings and improvements when the density is not increased beyond four units, the land use is not changed, and the building footprint is not increased in a floodplain or wetland;
4. Rehabilitation of multi-family residential buildings that would not: 1) result in a change in density by more than 20 percent; 2) involve changes in land use from residential to non-residential; and 3) the cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation;
5. Rehabilitation of non-residential structures that would not: 1) result in a change in size or capacity by more than 20 percent; and 2) involve changes in land use;
6. Structural repairs to buildings and other existing structures (e.g., roofing, exterior walls);
7. Interior and exterior renovations and rehabilitation;
8. An individual action on up to four dwelling units where there is a maximum of four units on any one site. The units: 1) can be four one-unit buildings or one four-unit building or any combination; or 2) an individual action of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site;
9. Acquisition or disposition of, or equity loans on an existing structure, or acquisition of vacant land provided that the structure or land acquired, financed, or disposed of will be retained for the same use.

A listing of the housing projects included under this Section 106 consultation is provided in Exhibit A attached with this letter. The "area of potential effect" (APE) on historic sites was established based upon the improvements planned that consist primarily of repair and renovation work to existing buildings. This APE was therefore determined to consist of the properties associated with each housing project. The rehabilitation improvements would not impose adverse visual, auditory or other environmental impact to any other known historic properties in the area of these housing sites.

There are no known historic sites present on the housing projects listed in Exhibit A. This was based upon site visits conducted for each housing project while being accompanied by staff from the housing project or a representative from the HPHA. Research was also conducted of the State's listing of historic sites included on the State and National Registers of Historic Places. All of these properties have been extensively developed for prior construction of housing projects. Exhibit A also includes the year

the housing projects were constructed, and none of these projects have buildings 50 years old or older.

Based upon these efforts and assessment of each housing project, no historic properties were identified. Therefore, the HPHA has determined that the various repair and rehabilitation improvements that may be implemented for these housing projects will have "no effect" on historic sites.

We are soliciting your review and concurrence with this no effect determination. We would greatly appreciate your written response within 30 days of receipt of this letter, or sooner if possible.

Please contact Mr. Mitchell Kawamura, Project Engineer, at 832-5373 or via email at Mitchell.H.Kawamura@hawaii.gov if you have any questions.

Enclosures – Exhibit A

c: ✓Mitchell H. Kawamura, Project Engineer, HPHA
Ronald A. Sato, Helber Hastert & Fee Planners, Inc.
Pua Aia, Administrator, SHPD

EXHIBIT A
LISTING OF HOUSING PROJECTS

HPHA Project No.	Housing Project Name	Street Address	County	Island	Zip Code	Tax Map Key	Year Built
Kaua'i County							
1020	Eleele Homes	Ahe St.	Eleele	Kauai	96705	2-1-01:13,42	1966
1019	Hale Hoolulu (Eld)	4264 Ala Muku Place	Kilauea	Kauai	96754	5-2-08:56	1974
1055	Hale Hoonanea (Eld)	4401 Waialo Road	Eleele	Kauai	96705	2-1-03:17	1976
1054	Hale Nani Kai O'Kea (Eld)	4850 Kawaihau Rd.	Kapaa	Kauai	96746	4-6-14:105	1977
1023	Home Nani (Eld)	Moana & Laau Rd.	Waimea	Kauai	96796	1-6-07:31	1970
1021	Hui O'Hanamaulu	Laukona St.	Hanamaulu	Kauai	96715	3-8-12:30	1966
1022	Kalaheo Homes	Puu Road	Kalaheo	Kauai	96741	2-3-12:30	1967
1018	Kapaa	4726 Malu Rd.	Kapaa	Kauai	96746	4-5-15:7,38 & 42	1966
1086	Kawailehua (Federal)	5230 Paanau Rd.	Koloa	Kauai	96756	2-6-4:58	1993
1064	Kekaha Ha'aheo	8238 Iwipolena St.	Kekaha	Kauai	96752	1-3-8:20 & 26	1982
Maui County							
1017	Kahekili Terrace (A & B)	2015 Holowai Pl.	Wailuku	Maui	96793	3-4-33:23	1966
1092	Makani Kai Hale I	35 Koapaka Ln.	Waiehu	Maui	96793	3-3-01:10	1995
1097	Makani Kai Hale II (c)	35 Koapaka Ln.	Waiehu	Maui	96793	4-6-10:31	1998
1044	Piilani Homes	1028 Wainee St.	Lahaina	Maui	96761	4-5-7:5	1970
1088	Kahale Mua (Federal)	P.O. Box 30	Maunaloa	Molokai	96770	5-1-002:039	1993
Hawai'i County							
1051	Hale Aloha O'Puna (Eld)	16-189 Pili Mua St.	Keaau	Hawaii	96749	1-6-143:35	1977
1031	Hale Hauoli	45-540 Kaniaka Pl.	Honokaa	Hawaii	96727	4-5-10:78	1970
1053	Hale Hookipa (Eld)	81-1038 Nani Kupuna Place	Kealakekua	Hawaii	96750	8-1-02:49	1976
1052	Hale Olaloa	144 Kamana St.	Hilo	Hawaii	96720	2-4-56:21	1976
1061	Ka Hale Kahaluu	78-6725 Makolea St.	Kona	Hawaii	96740	7-8-10:4	1981
1032	Kaimalino	74-5060 Kealakaa St.	Kona	Hawaii	96740	7-4-17:29	1971
1097	Kauhale O'Hanakahi (a)	19 Pamala St.	Hilo	Hawaii	96720	2-4-51:1	1997
1097	Ke Kumu 'Ekolu (b)	68-3385 Ke Kumu Pl.	Waikoloa	Hawaii	96738	6-8-02:43	1997
1070	Kealakehe	74-991 Manawale'a St.	Kailua-Kona	Hawaii	96740	7-4-17:58	1985
1063	Nani Olu	81-1011 Nani Kupuna Pl.	Kona	Hawaii	96740	8-1-2:47 & 48	1981
1071	Noelani I	65-1191 Opelo Road	Kamuela	Hawaii	96743	6-5-9:29	1983
1078	Noelani II	65-1191 Opelo Rd.	Kamuela	Hawaii	96743	6-5-09:25	1983
1045	Pahala (Eld)	96-1169 Holei St.	Pahala	Hawaii	96720	9-6-17:37	1972
1029	Pomaikai	929 Ululani St.	Hilo	Hawaii	96720	2-4-25:92	1967
1028	Punahele Homes	Lokahi Pl.	Hilo	Hawaii	96720	2-4-52:22	1967

EXHIBIT A
LISTING OF HOUSING PROJECTS

HPHA Project No.	Housing Project Name	Street Address	County	Island	Zip Code	Tax Map Key	Year Built
City and County of Honolulu							
1027	Hale Laulima	1184 Waimano Home Road	Pearl City	Oahu	96782	9-7-94:25	1981
1072	Hookipa Kahaluu	47-330 Ahuimanu Rd.	Kaneohe	Oahu	96744	4-7-37:16	1983
1062	Kalakaua Homes	1545 Kalakaua Ave.	Honolulu	Oahu	96826	2-3-19:4	1983
1024	Kalanihuia (Eld)	1220 Aala St.	Honolulu	Oahu	96817	1-7-26:6	1969
1099	Kamehameha Homes	1541 Haka Dr.	Honolulu	Oahu	96817	1-5-01:1	1996
1069	Kaneohe Apartments	45-507 & 45-513 Pahia Rd.	Kaneohe	Oahu	96744	4-5-19:26	1984
1056	Kauhale Nani	310 N. Cane St.	Wahiawa	Oahu	96786	7-4-7:14	1980
1090	Kauhale Ohana	41-1260 Kalanianaole Hwy.	Waimanalo	Oahu	96795	4-1-9:286	1995
1091	Kau'iokalani	85-658 Farrington Hwy.	Waianae	Oahu	96792	8-5-028:044	1995
1030	Koolau Village	45-1027 Kamau Pl.	Kaneohe	Oahu	96744	4-5-023:008	1969
1050	Kupuna Home O'Waialua (Eld)	67-088 Goodale Ave.	Waialua	Oahu	96791	6-7-16:28	1977
1033	Maili I	Maliona St.	Maili	Oahu	96792	8-7-002:011, 014	1969
1042	Maili II	Keliikipi St.	Maili	Oahu	96792	8-7-001:001, 037	1969
1046	Makamae (Eld)	21 South Kuakini St.	Honolulu	Oahu	96813	2-2-1: 20	1971
1012	Makua Alii (Eld)	1541 Kalakaua Ave.	Honolulu	Oahu	96826	2-3-19:4	1967
1035	Nanakuli Homes	Farrington Hwy.	Nanakuli	Oahu	96792	8-7-34:4	1969
1036	Paoakalani (Eld)	1583 Kalakaua Ave.	Honolulu	Oahu	96826	2-3-19:4	1970
1047	Pumehana (Eld)	1212 Kinau St.	Honolulu	Oahu	96814	2-4-11:39	1972
1026	Puuwai Momi	99-132 Kohomua St.	Aiea	Oahu	96701	9-9-003:056, 064	1969
1066	Salt Lake Apts.	2907 Ala Ilima St.	Honolulu	Oahu	96818	1-1-62:7	1969
1073	Spencer House	1035 Spencer St.	Honolulu	Oahu	96822	2-4-16:8	1968
1015	Wahiawa Terrace	300 Palm St.	Wahiawa	Oahu	96786	7-1-001:034	1966
1057	Waimaha-Sunflower	85-186 McArthur St.	Waianae	Oahu	96792	8-5-010:029, 063, 067	1980
1025	Waimanalo Homes I	Humuniki St. & Humuna Pl.	Waimanalo	Oahu	96795	4-1-022:100; 4-1-023:050-064, 068; 4-1-028:005-022 and 107-122	1998
1108	Waimanalo Homes II	Humuniki St. & Humuna Pl.	Waimanalo	Oahu	96795	4-1-022:100; 4-1-023:050-064; 4-1-028:005-022 and 107-122	1998
1038	Waipahu I	94-111 Pupuole Pl.	Waipahu	Oahu	96797	9-4-039:019	1970
1039	Waipahu II	94-132 Pupupuhi St.	Waipahu	Oahu	96797	9-4-039:076	1969