



Phase I Environmental Site Assessment

Waipahu Garden Center
Waipahu, Hawaii

December 2009

Prepared for:

City and County of Honolulu
Department of Community Services

FINAL REPORT

RECEIVED
DEPARTMENT OF HEALTH

2009 DEC 11 P 1:11

HEER OFFICE

EPA Brownfields Site Assessment
Phase I Environmental Site
Assessment

Waipahu Garden Center
Waipahu, Hawaii

TMK: 9-4-010:029

December 2009

Project Number 0066232

Prepared for:

City and County of Honolulu
Department of Community Services

Environmental Resources Management

1132 Bishop Street, Suite 501

Honolulu, Hawaii 96813

(808) 521-4404

61894

EPA Brownfields Site Assessment
Phase I Environmental Site
Assessment

*Waipahu Garden Center
Waipahu, Hawaii*

TMK: 9-4-010:029

December 2009

Project Number 0066232



Holly D'Agostino
Project Scientist



Rob Dyer
Project Manager

Environmental Resources Management
1132 Bishop Street, Suite 501
Honolulu, Hawaii 96813
(808) 521-4404

TABLE OF CONTENTS

EXECUTIVE SUMMARY	VI
1.0 INTRODUCTION AND BACKGROUND	1
1.1 PURPOSE AND AUDITORS	1
1.2 SCOPE OF WORK	1
1.3 LIMITING AND SPECIAL CONDITIONS	3
1.3.1 <i>Limiting Conditions during the Site Visit</i>	3
1.3.2 <i>Significant Assumptions</i>	3
2.0 SITE SETTING	4
2.1 LOCATION	4
2.2 NEIGHBORING PROPERTIES	4
2.3 TOPOGRAPHY AND HYDROLOGY	5
2.4 GEOLOGY AND HYDROGEOLOGY	5
3.0 SITE AND OPERATIONS INFORMATION	7
3.1 GENERAL SITE DESCRIPTION	7
3.2 UTILITIES	7
3.3 PROCESSES AND MATERIAL USE	8
3.3.1 <i>Current Operations</i>	8
3.3.2 <i>Discontinued Operations</i>	8
3.4 CHEMICAL USE AND STORAGE	8
3.4.1 <i>Underground Storage Tanks (USTs)</i>	8
3.4.2 <i>Aboveground Tanks (ASTs)</i>	8
3.5 HAZARDOUS AND NON-HAZARDOUS WASTE MANAGEMENT	9
3.5.1 <i>Hazardous Waste</i>	9
3.5.2 <i>Non-Hazardous Waste</i>	9
3.6 WATER, WASTEWATER AND STORMWATER	9
3.6.1 <i>Water</i>	9
3.6.2 <i>Wastewater</i>	9
3.6.3 <i>Stormwater</i>	10
3.7 AIR EMISSIONS	10
3.8 POLYCHLORINATED BIPHENYLS (PCBS)	10
3.9 VISUAL INDICATIONS OF ON-SITE IMPACTS	10
3.10 ASBESTOS-CONTAINING MATERIALS	10

4.0	ASSESSMENT OF PAST LAND USE AND OPERATIONS	12
4.1	GENERAL INFORMATION	12
4.2	PREVIOUS ENVIRONMENTAL REPORTS	12
4.3	EVALUATION OF HISTORIC INFORMATION SOURCES	12
4.3.1	Subject Property	13
4.3.2	Adjacent Properties and Surrounding Area	13
4.3.3	Non-Regulatory Interviews	14
5.0	DATABASE AND GOVERNMENT RECORDS REVIEW	15
5.1	GOVERNMENT RECORDS REVIEW/INTERVIEWS	15
5.2	ENVIRONMENTAL DATABASE SEARCH	15
5.2.1	Subject Property	16
5.2.2	Surrounding Properties	16
5.2.2.1	Resource Conservation and Recovery Act (RCRA)	16
5.2.2.2	Department of Defense (DOD)	17
5.2.2.3	Underground Storage Tanks (USTs)	17
5.2.2.4	Leaking Underground Storage Tanks (LUSTs)	17
5.2.2.5	State Hazardous Waste Sites (SHWSs)	18
6.0	DATA GAPS	21
7.0	USER PROVIDED INFORMATION	22
7.1	TITLE RECORDS	22
7.2	ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS	23
7.3	SPECIALIZED KNOWLEDGE	23
7.4	COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION	23
7.5	VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES	23
7.6	OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION	23
7.7	REASON FOR PERFORMING PHASE I ESA	23
8.0	CONCLUSIONS	25
9.0	QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS	26
10.0	LIMITATIONS	27
11.0	REFERENCES	29

LIST OF TABLES

- 1 *Summary of Historical Records Search Reviewed*
- 2 *Summary of Government Records from EDR Report*
- 3 *Data Gap Summary*

LIST OF FIGURES

- 1 *Project Location Map*
- 2 *Site Layout Map*
- 3 *Satellite Aerial Photograph, c. 2009*
- 4 *Historical Photographs*
- 5 *Historical Photographs*

LIST OF APPENDICES

- A *Site Photographs*
- B *EDR Database Search Results*
- C *Site and User-Supplied Information*
- D *Topographic Maps, Sanborn Maps, Government Records*
- E *Professional Profiles*

LIST OF ACRONYMS

ACM	-Asbestos Containing Materials
ASTM	-American Society for Testing and Materials
AST	-Aboveground Storage Tank
bgs	-below ground surface
CCH	-City and County of Honolulu
CERCLA	-Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	-Comprehensive Environmental Response, Compensation and Liability Information System
CFR	-Code of Federal Regulations
DCS	-Department of Community Services
DOD	-Department of Defense
EDR	-Environmental Data Resources, Inc.
ERM	-Environmental Resources Management, Inc.
ESA	-Environmental Site Assessment
GIS	-Geographic Information Systems
HDOH	-Hawaii Department of Health
HEER	-Hazard Evaluation and Emergency Response Office
HPV	-Hawaii's Plantation Village
HSP	-Health and Safety Plan
LUST	-Leaking Underground Storage Tank
mg/kg	-milligram per kilogram
PACM	-Presumed Asbestos Containing Material
RACM	-Regulated Asbestos Containing Material
RCRA	-Resource Conservation and Recovery Act
REC	-Recognized Environmental Condition
SHWS	-State Hazardous Waste Site
TMK	-Tax Map Key
USEPA	-U.S. Environmental Protection Agency
USGS	-United States Geological Survey

UST -Underground Storage Tank
WGC -Waipahu Garden Center

EXECUTIVE SUMMARY

Environmental Resources Management, Inc. (ERM) was retained by the City and County of Honolulu (CCH) Department of Community Services (DCS) to conduct a Phase I Environmental Site Assessment (ESA) of the Waipahu Garden Center located at Aniani Place, Waipahu, HI 96797 on the island of Oahu. The tax map key (TMK) of the subject property is 9-4-010:029. The Phase I ESA was conducted in compliance with the scope and limitations of ASTM Standard E 1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

A site visit was conducted on 10 June 2009 by Mr. Marcelino Reyes and Ms. Holly D'Agostino of ERM Honolulu, accompanied by Mr. Jeffrey Higa, the executive director of the Hawaii Plantation Village (HPV), which is located directly adjacent to the Waipahu Garden Center (WGC), within the same TMK. The subject property occupies a portion of a 7.872-acre parcel that was acquired by the CCH in 1958. In 1976, the Friends of Waipahu Cultural Garden Park established the Waipahu Garden Center. Currently, the Friends of the Waipahu Cultural Garden Park perform occasional operations and gardening projects at the site. The project site is primarily operated and maintained by the CCH.

Based on the data obtained during the site visit, the environmental database review, and interviews with persons familiar with the project site and its history, the following recognized environmental conditions were identified at the project site:

Recognized Environmental Conditions

A Recognized Environmental Condition (REC), as defined in ASTM E 1527-05, is "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions."

- There were no Recognized Environmental Conditions detected at the project site.

De Minimis or Other Potential Issues

- An abandoned drum was detected at the project site south of the HPV building. The drum is labeled "All-Fleet Plus Motor Oil." There were no obvious signs of petroleum spills or leaks, and the drum appeared to be intact and in good condition at the time of the survey;
- Abandoned construction debris, large trash dumpsters, and other miscellaneous metal debris were detected at the project site;
- Evidence of flood damage, stressed vegetation, and minor litter were detected at the project site.

1.0 INTRODUCTION AND BACKGROUND

1.1 PURPOSE AND AUDITORS

ERM, in collaboration with the City and County of Honolulu (CCH), completed a Phase I Environmental Site Assessment (ESA) of the Waipahu Garden Center, located at Aniani Place, Waipahu, Hawaii 96797 (the "subject property"). The Phase I ESA was performed as part of the USEPA Brownfields Assessment Program for the CCH.

The site visit was performed on 10 June 2009 by Mr. Marcelino Reyes and Ms. Holly D'Agostino of ERM Honolulu accompanied by Mr. Jeffrey Higa of the Hawaii Plantation Village (HPV). ERM conducted interviews with Mr. Higa and Ms. Sue Oshira, both employees of the HPV. Ms. Oshira is a long-time resident of Waipahu with specific knowledge of the subject area. On 14 September 2009, ERM interviewed Mr. Dexter Lui, who is currently an employee of the CCH Department of Parks and Recreation and has specific knowledge about the project site.

1.2 SCOPE OF WORK

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Standard E 1527-05; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and the standards for conducting all appropriate inquiries set forth by the United States Environmental Protection Agency (USEPA) based on 40 CFR (Code of Federal Regulations) Part 312.

The Phase I ESA was conducted to evaluate and identify conditions indicative of releases and threatened releases of hazardous substances (lead, arsenic, and asbestos) on, at, in, or to the subject property. ERM's Phase I ESA sought to gather information regarding: (1) current and past property users and occupancies; (2) current and past users of hazardous substances; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the subject property; (5) engineering controls at the subject property; (6) institutional controls at the subject property; and (7) properties adjoining or located near the

subject property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the subject property.

Phase I ESA included:

- An on-site inspection of the subject property to evaluate current conditions and identify areas of potential concern;
- A review of property history through interviews and aerial photographs, city directories, ownership records, and historical mapping;
- A review of previous environmental studies conducted at the project site and adjacent properties;
- Observation of adjacent properties and the local area to evaluate the potential for adverse environmental impact to the subject property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc.(EDR) to identify sites of concern as required in the regulatory records review section of the ASTM standards for a Phase I ESA, where available; and
- Interviews with the prospective lessee or tenant.

Photographs of the project site and surrounding areas were taken to document current conditions and are included in Appendix A. The EDR Database Search Results for the subject property can be found in Appendix B. Property environmental records or permits, reasonably obtainable at the time of the site visit, were reviewed and referenced in this report. Copies of questionnaires completed by the key project site manager and property owner are presented in Appendix C. Copies of Sanborn fire insurance maps, topographic maps, and government records, are presented in Appendix D. The qualifications of environmental professionals conducting this Phase I ESA are presented in Appendix E.

1.3 *LIMITING AND SPECIAL CONDITIONS*

1.3.1 *Limiting Conditions during the Site Visit*

The weather during the site visit was mostly sunny and the temperature approximately 85° Fahrenheit.

1.3.2 *Significant Assumptions*

There were no significant assumptions made about the subject property.

2.0 *SITE SETTING*

2.1 *LOCATION*

The Waipahu Garden Center is located on Aniani Street, in the town of Waipahu, Hawaii with Tax Map Key (TMK) 9-4-010:029. It is located approximately 1/8 mile north of Farrington Highway. The general location of the property and the physiographic features of the surrounding area are shown in Figure 1.

2.2 *NEIGHBORING PROPERTIES*

Land use in the area of the subject property includes residential housing, businesses, and a private museum.

- North: the Kunia sugar plantation, with land that is currently being developed into residential housing, is located to the north of the subject property. To the northwest of the property is Waipahu Street, which serves as the main access road to enter the WGC;
- South: the United States Geological Survey Water Monitoring Stations, the Iglesia Ni Cristo Church, and Farrington Highway are located to the south of the subject property. The West Loch Pearl Harbor is located approximately 1 mile south, and the Pacific Ocean is located approximately 6 miles south;
- East: the Waikele Stream is located immediately east of the subject property and represents the closest body of surface water. The Waipahu Elementary School is approximately 1/4 mile east of the subject property; and
- West: the Hawaii Plantation Village museum, with replica plantation houses and a taro plantation, is located to the west of the subject property. Waipahu Street also bounds the property to the west.

Visual evidence of environmental concerns was not observed at any of the immediately surrounding properties. A site layout map and aerial satellite photo (circa 2009) of the project site and surrounding areas are shown as Figures 2 and 3, respectively.

2.3

TOPOGRAPHY AND HYDROLOGY

The property location has an approximate average elevation of 20 feet above mean sea level and is generally flat. The overall topographic trend of the surrounding area is sloping from the northwest toward the southeast. The project site is within the 100 year flood plain and outside of the 500 year flood plain.

2.4

GEOLOGY AND HYDROGEOLOGY

Geologically, the subject property is situated on young igneous rock. As volcanism formed the Hawaiian Islands, the bedrock, which is found between 40 and 60 inches below the ground's surface (bgs), is that of Hamakua formation basalt. Soil found at the subject property is that of the Tropaquepts series. Characterized as mucky silty loam, the soil at the property site is poorly drained with very slow infiltration rates and has a high corrosion potential.

The upper layer of soil, found from the surface to approximately nine inches bgs, is mucky silt loam, composed mostly of silt-clay materials, with saturated hydraulic conductivity rates between 4.23 and 14 $\mu\text{m}/\text{sec}$. The second layer is found between nine and eighteen inches bgs and is a silty clay loam with saturated hydraulic conductivity rates between 4.23 and 14 $\mu\text{m}/\text{sec}$. The third layer is situated between eighteen and fifty-nine inches bgs and is a silty clay with saturated hydraulic conductivity rates between 4.23 and 14 $\mu\text{m}/\text{sec}$.

The aquifers beneath the subject property are in the East Mauna Kea Aquifer Sector and are part of the Paauilo Aquifer System (Mink and Lau, 13-14). Pahala ash covers portions of the aquifer system, and sediments are unimportant when dealing with this system due to the basal aquifer being the prime source for water.

Groundwater flow in the area is to the southeast, following the topography towards the Pacific Ocean. However, groundwater flow directions can be highly variable, and no definite statement can be made regarding groundwater flow direction in the absence of accurate water level measurements from groundwater wells.

There are seven water wells found within a $\frac{1}{2}$ mile radius of the subject property. One well is found less than $\frac{1}{4}$ mile northwest of the subject property. The remaining six wells are found within a $\frac{1}{4}$ and $\frac{1}{2}$ -mile radius surrounding the subject property. Three of those wells are located

south to southeast of the subject property. As the topography in the area slopes downward in the southeastern direction toward the Pacific Ocean, the subject property does have the potential to contaminate the existing wells based on the possible direction of groundwater flow.

Average annual rainfall in the area is approximately 23.2 inches. Based on topography and with no storm drains present in the area, the overland run-off from the subject property flows southeast towards the Pacific Ocean.

3.0 *SITE AND OPERATIONS INFORMATION*

3.1 *GENERAL SITE DESCRIPTION*

The Waipahu Garden Center (WGC) is situated on an approximately 55-acre former sugar plantation. Located directly adjacent to the subject property, within the same TMK parcel, is the Hawaii Plantation Village (HPV) Visitor Center and Museum. According to information collected from the County GIS website, the subject property contains approximately 7.872 acres of the 55-acre land. The WGC is located at Latitude (North) 21° 23' 4.2" and Longitude (West) 158° 0' 43.9". The property is owned by the City and County of Honolulu and zoned as a general preservation area.

The buildings and exhibits at the Hawaii Plantation Village were built and restored in the 1970s and early 1980s. The HPV is a museum and educational center developed to represent life on a typical Hawaiian sugar plantation. There are 32 replica former plantation houses that depict life in the 19th century for many different ethnic groups who lived and worked on sugar plantations in Hawaii. The Friends of Waipahu Cultural Garden Park operate and maintain the HPV, which was established in 1976 and opened to the public in 1992 (Hawaii Plantation Village Website, 2009). The subject property is situated to the west of the HPV buildings and plantation housing exhibits.

In December 2008, the subject property was flooded after a period of heavy rain. During ERM's site visit on 10 June 2009, there was evidence of flood damage throughout the subject property, with vegetation debris scattered along many areas of the park and the Waikele Stream. Minor scattered litter and trash was also observed at some areas of the park. Also located at the site, south of the HPV building, was apparently abandoned construction debris, an old trash dumpster, and an abandoned drum. Located to the east of the WGC, directly south of the HPV building is an old train display with old train tracks. A taro garden is also located to the east of the subject property.

3.2 *UTILITIES*

While the grounds of the Waipahu Garden Center do not require utilities, the HPV facility is provided with:

- Water service from the Honolulu Board of Water Supply;
- Municipal waste disposal by the City and County of Honolulu;
- Sewer service by the City and County of Honolulu Department of Environmental Services; and
- Electricity by the Hawaiian Electric Company.

3.3 *PROCESSES AND MATERIAL USE*

3.3.1 *Current Operations*

Currently, the subject property is maintained by the Friends of Waipahu Cultural Garden Park and the CCH. The Hawaii Plantation Village occupies the building to the east of the subject property. The HPV operates guided tours and provides exhibits and educational activities to the public. The Veterans of Foreign Wars (VFW) committee holds meetings in the HPV building twice a month.

3.3.2 *Discontinued Operations*

According to the 1957 Certified Sanborn Map, the subject property was formerly residential dwellings and the southern portion of the project site was a banana grove. To the southeast of the property were vegetable gardens.

3.4 *CHEMICAL USE AND STORAGE*

There was no indication of chemical use or storage at the project site.

3.4.1 *Underground Storage Tanks (USTs)*

There were no USTs on record at the subject property.

3.4.2 *Aboveground Tanks (ASTs)*

There were no ASTs observed at the subject property at the time of the site visit.

3.5 HAZARDOUS AND NON-HAZARDOUS WASTE MANAGEMENT

3.5.1 Hazardous Waste

During the site visit, ERM identified one apparently abandoned drum at the southern portion of the subject property, along with other miscellaneous construction debris. The drum, which is labeled as containing motor oil, was not tested or analyzed by ERM.

The construction debris at the site may pose a potential health and safety hazard to occupants of the area.

Records from the Hawaii Department of Health (HDOH) Hazard Evaluation and Emergency Response (HEER) office indicate a release notification issued at 94-203 Aniani Place, where an abandoned drum with leaking fumes was detected. This property is located on a parcel in the vicinity of the subject property. There are no records of hazardous waste releases on the property of the WGC.

3.5.2 Non-Hazardous Waste

ERM did not observe any solid waste disposal or illegal dumping at the subject property during the site visit, other than the previously mentioned abandoned construction debris, drum, and dumpster.

Municipal waste generated at the project site is handled by the City and County of Honolulu.

3.6 WATER, WASTEWATER AND STORMWATER

3.6.1 Water

The water facilities at the project site are provided by the Board of Water Supply water line.

3.6.2 Wastewater

The sanitary sewer system at the HPV and surrounding areas is provided by the City and County of Honolulu Environmental Management Services.

3.6.3 *Stormwater*

Stormwater runoff from the property flows southeast and moves southward towards the Pacific Ocean. There were no storm drains detected at the project site.

3.7 *AIR EMISSIONS*

ERM did not observe any obvious sources of regulated air emissions. No indications of potential impact to the property related to air emissions were noted by ERM during the site visit. According to the EPA database, the amount of radon in Hawaii is of low potential with less than 2 picocuries per liter (pCi/L). No radon gas sampling was conducted for this study.

3.8 *POLYCHLORINATED BIPHENYLS (PCBS)*

ERM inspected the property for types of equipment that have been historically associated with the use of PCBs. ERM did not observe any pole-mounted or pad-mounted electrical transformers at the project site during the site visit.

3.9 *VISUAL INDICATIONS OF ON-SITE IMPACTS*

ERM observed stressed vegetation at the site around the areas where standing water was located, and in the areas impacted by flooding. Refer to the Photographic Log in Appendix A for photographs of the vegetation which were taken during the site visit.

No other visual identification of on-site impacts was observed during the site visit.

3.10 *ASBESTOS-CONTAINING MATERIALS*

Asbestos was banned in most friable building materials (sprayed applied surfacing materials and thermal system insulation) in 1978, but the Occupational Safety and Health Administration (OSHA) deems spray applied surfacing materials, thermal system insulation materials, and vinyl flooring materials as "presumed asbestos-containing materials"

(PACMs) if they are present in pre-1981 buildings (Title 29 of the Code of Federal Regulations, Parts 1910.1001 and 1926.1101).

No PACM was observed on readily accessible areas of the subject property.

4.0 *ASSESSMENT OF PAST LAND USE AND OPERATIONS*

4.1 *GENERAL INFORMATION*

ERM contracted with Environmental Data Resources, Inc., (EDR) to obtain historical Sanborn fire insurance maps for the subject property. Sanborn maps contain information regarding past land use in and around the subject property. EDR was able to provide Sanborn maps associated with the subject property dating from 1957 to 1991.

Based on the EDR maps, in 1957 the site was utilized as a residential area with banana groves in the southern portion of the property. In the 1981 map, the subject property area was designated as a park, and all residential dwellings were no longer present. Title records indicate that the land was acquired by the CCH in 1958 for Flood Control. In the 1987 and 1990 maps, the Hawaii Plantation Village building is present and the subject property is designated as the Waipahu Cultural Garden.

ERM interviewed Mr. Jeffrey Higa and Mr. Dexter Lui regarding historical land use of the area. Mr. Higa is a current employee of the HPV. He indicated that he is not aware of any environmental liens or activity/use limitations on the property. Mr. Lui, a current employee of the CCH Department of Parks and Recreation indicated that he is not aware of any liens or of any hazardous material storage at the project site.

4.2 *PREVIOUS ENVIRONMENTAL REPORTS*

No Phase I ESAs have been performed for the subject property.

4.3 *EVALUATION OF HISTORIC INFORMATION SOURCES*

To determine past activity at the subject property and surrounding properties, ERM reviewed historical sources of information as outlined in Table 1. Copies of historical topographic maps are included in Appendix D of this report. Figures 4 and 5 contain photographs from the Waipahu Garden Center archives, showing past flooding in the area and historical views of the town of Waipahu, respectively.

Table 1 *Summary of Historical Records Reviewed*

Name/Years Reviewed		
Source of Information	Subject Property	Adjacent Properties
Interview(s) with persons familiar with the project site	Jeffrey Higa, Executive Director of the Hawaii Plantation Village	Jeffrey Higa, Executive Director of the Hawaii Plantation Village
	Ms. Sue Oshira, HPV Archives	Ms. Sue Oshira, HPV Archives
	Mr. Dexter Lui, Department of Parks and Recreation, CCH	Mr. Dexter Lui, Department of Parks and Recreation, CCH
USGS Topographic Maps	1954; 1959; 1968; 1983; 1998	1954; 1959; 1968; 1983; 1998
Sanborn Fire Maps	1957; 1981; 1987; 1990; 1991	1957; 1981; 1987; 1990; 1991
Aerial Photographs	1975; 1977; Circa 2009	1975; 1977; Circa 2009
Archival Photographs	1981, c. 1940	c. 1940
Chain-of-Title	1952 - Kapeka Baker Estate	n/a
	1954 - Libbie K. Kalima	n/a
	1954 - Florentino P. Javier	1959 - Oahu Sugar Company, Ltd
	1958 - City and County of Honolulu	1964 - City and County of Honolulu

4.3.1 *Subject Property*

The Waipahu Garden Center was established in 1972 by the Friends of the Waipahu Cultural Garden Park. Prior to the construction and establishment of the WGC, the land was privately owned and used as residential dwellings. In 1958, the CCH acquired the land and zoned it for Flood Control. In 1964, the CCH acquired adjacent properties from the Oahu Sugar Company, Ltd, increasing the acreage of the parcel.

4.3.2 *Adjacent Properties and Surrounding Area*

A review of the Historical Topographic Maps from 1954, 1959, 1968, 1983, and 1998 (Appendix D) reveals the following facilities:

- A significant amount of land development between 1954 and 1998 is evident in the town of Waipahu, particularly the land to the east, west, and south;
- A shopping complex is present to the north of the subject property in the 1998 Topographic map that is not in the earlier maps;
- L'Orange Community Park found on the 1959 map and all subsequent maps. This is located to the northeast of the subject property;
- The 1954, 1959, 1968, and 1983 maps show the Oahu Sugar Company (OSCO) mill to the east of the subject property. The OSCO was built in 1898 and was operational until 1995. It was partially dismantled in 1999, but one 170-foot smoke stack remains at the site; and
- Waipahu School is found on all historical maps, and is located to the west of the subject property.

4.3.3 *Non-Regulatory Interviews*

ERM's interview with Mr. Jeffrey Higa and Ms. Sue Oshiro, both current employees at the HPV, indicated that there were no hazardous materials used at the project site. Mr. Higa was not aware of any USTs, hazardous waste, waste burial sites, spills, or other environmental problems at the subject property. ERM also interviewed Mr. Dexter Lui, who was also not aware of any potential environmental conditions at the site.

5.0 DATABASE AND GOVERNMENT RECORDS REVIEW

5.1 GOVERNMENT RECORDS REVIEW/INTERVIEWS

ERM requested the Hawaii Department of Health (HDOH) Office of Hazard Evaluation and Emergency Response (HEER) and Solid and Hazardous Waste Branch to confirm and/or expand on information obtained during records review. ERM submitted written information requests to other agencies in the City and County of Honolulu, including the Fire Department and the Board of Water Supply.

A Freedom of Information Act Request was submitted to the U.S. Environmental Protection Agency (USEPA) on 27 May 2009. A response from the USEPA dated 16 July 2009 indicates that no government records exist for the subject property.

All information received has been noted and incorporated in this report. Copies of the responses from the different government agencies are included in Appendix D.

5.2 ENVIRONMENTAL DATABASE SEARCH

ERM contracted EDR to conduct a database search for the subject property. The database report, presented in Appendix B, defines and summarizes the ASTM databases reviewed in the EDR report and notes if any sites (including the subject property) were included in any federal or state priority list within a 1 mile radius of the subject property. The locations of sites identified in the EDR report were evaluated to determine their potential impact to the subject property. Only those sites within the ASTM-specified distances are discussed below.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately ± 300 feet. The EDR report provides a list of unmapped sites for which inadequate location information or record was provided. ERM has reviewed the list of "unmapped" sites to determine if these sites are within the study radius. There are a total of 20 "orphaned" sites that fall within the 1 mile radius of the subject property, however, although recognized by ERM, not enough information was found to include them in this report.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the subject property. The criteria used to evaluate the potential for adverse impact to the subject property include:

- Distance from the subject property;
- Expected depth and direction of groundwater and surface water flow;
- Expected stormwater flow direction; and
- Presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators.

The identification of a site as potentially upgradient or downgradient is based on the expected direction of groundwater flow to the southeast toward the Pacific Ocean.

5.2.1 *Subject Property*

The subject property was not identified in any of the databases searched. The absence of the identification of the subject property indicates that there is no documented regulatory activity at the subject property for the databases searched.

5.2.2 *Surrounding Properties*

ERM has reviewed the findings reported in the EDR report and have identified those sites with the greatest likelihood of presenting an environmental concern to the subject property. A list of the different site classifications and the number of facilities for each category based on the EDR findings are shown in Table 2.

5.2.2.1 *Resource Conservation and Recovery Act (RCRA)*

The RCRA generators list contains information on sites which generate, transport, store treat and/or dispose of hazardous waste as defined by 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 12 November 2008, has revealed that there is one CESQG site within approximately ¼ mile of the subject property:

- Chevron

The site is located within a 1 mile radius of the subject property and is on higher elevation.

5.2.2.2 *Department of Defense (DOD)*

A DOD list consists of federally owned or administered lands, administered by the DOD, that have an area equal to or greater than 640 acres of the United States, Puerto Rico, or the U.S. Virgin Islands. A review of the DOD list, as provided by EDR, and dated 31 December 2005 has revealed that there is one DOD site within approximately 1 mile of the subject property:

- Lualualei Naval Reservation

This site is located within a 1 mile radius of the subject property and is on higher elevation.

5.2.2.3 *Underground Storage Tanks (USTs)*

The EDR UST database contains an inventory of registered underground storage tanks. USTs 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. A review of the UST list, as provided by EDR, and dated 1 March 2009 has revealed that there are two UST sites within approximately ¼ mile of the subject property:

- Waipahu Central Office
- Bionic Self-Serve

Both sites are located within a 1 mile radius of the subject property and are on higher elevation.

5.2.2.4 *Leaking Underground Storage Tanks (LUSTs)*

The LUST Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data is compiled 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 1 March 2009 has revealed that there are nine LUST sites within approximately ½ mile of the subject property:

- Bionic Self-Serve
- Saiki & Sons Inc.
- Waipahu Shell Service
- Waipahu Mechanical Equipment Shop
- Former Oahu Sugar Mill
- J's Waipahu Chevron
- Waipahu Auto Company
- Jiffy Mart Waipahu
- Tajiro Uranaka

The first six LUST sites are potentially upgradient of the site. The last three are likely downgradient of the site and could potentially impact the subject property.

5.2.2.5 *State Hazardous Waste Sites (SHWSs)*

The SHWSs 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 is provided by the Department of Health. A review of the SHWS list, as provided by EDR, and dated 4 April 2008 has revealed that there are six SHWS sites within approximately 1 mile of the subject property:

- Lots 28 and 29 of Former Waipahu Sugar Mill
- Waipahu Unocal Service #5177
- Pacific Machinery
- Waipahu Auto Company
- Complete Auto Repair and Estimates

- Waipahu Fire Station

The three of these sites are at higher elevation and the last three are at lower elevation relative to the subject property.

Table 2 summarizes the list of sites with potential contamination located within 1 mile radius of the subject property.

Table 2 Summary of Government Records from EDR Report

SITE	DATABASE	DISTANCE (MILES)	DIRECTION	GRADIENT
Chevron	RCRA	1/8 - 1/4	SSW	Upgradient
Lualualei Naval Reservation	DOD	1	NNW	Upgradient
Waipahu Central Office	UST	1/4	SSE	Upgradient
Bionic Self-Serve	UST, LUST	1/4	SSW	Upgradient
Sakai & Sons Inc	LUST	1/2	ENE	Upgradient
Waipahu Shell Service	LUST	1/2	SW	Upgradient
Waipahu Mechanical Equipment Shop	LUST	1/2	ENE	Upgradient
Former Oahu Sugar Mill	LUST	1/2	N	Upgradient
J's Waipahu Chevron	LUST	1/2	ENE	Upgradient
Waipahu Auto Company	LUST	1/2	E	Downgradient
Jiffy Mart Waipahu	LUST	1/2	E	Downgradient
Tajiro Uranaka	LUST	1/2	E	Downgradient
Lots 28 and 29 of Former Waipahu Sugar Mill	SHWS	1	ENE	Upgradient
Waipahu Unocal Service #5177	SHWS	1	W	Upgradient
Pacific Machinery	SHWS	1	WSW	Upgradient
Waipahu Auto Company	SHWS	1	E	Downgradient
Complete Auto Repair and Estimates	SHWS	1	E	Downgradient
Waipahu Fire Station	SHWS	1	SW	Downgradient

6.0

DATA GAPS

Table 3 summarizes the data gaps identified during the ESA. The significance of the data gaps with respect to the conclusions of this assessment is presented in Section 7.

Table 3 Data Gap Summary

Data Gap	Sources Consulted to Address Data Gap	Significance
Interviews with former landowners of the property were not conducted.	In lieu of the interviews and environmental questionnaire with the former landowners of the project site, ERM completed an interview with Dexter Lui, Jeffrey Higa, and Sue Oshira, who all have specific knowledge about current and past land use. Mr. Lui completed the environmental questionnaire as required by the All Appropriate Inquiry study.	Low

Significance to identifying conditions indicative of releases or threatened releases to the subject property is low.

7.0

USER PROVIDED INFORMATION

ERM contacted Mr. Dexter Lui of the City and County of Honolulu in regards to the following:

- An evaluation of the presence of Environmental Cleanup Liens for the subject property;
- Activity and use limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the subject property;
- Specialized knowledge that includes personal knowledge or experience related to the subject property or nearby properties and professional experience or knowledge of the subject property;
- Fair market value to evaluate whether a purchase price is significantly below fair market value;
- Obvious indicators that involve past or present spills, stains, releases, cleanups on or near the subject property; and
- Common knowledge about specific chemicals, possible contamination, or past use of the subject property and surrounding area.

Questionnaires for the Phase I ESA were completed by Mr. Dexter Lui. Responses to the questionnaires are addressed in the following sections. Copies of the questionnaires are presented in Appendix C.

7.1

TITLE RECORDS

Title records reports indicate that the project site has been owned by the City and County of Honolulu since 1958. Records of the land ownership show that the land was privately owned from 1952-1958. Records of land ownership prior to 1952 were not available. In 1959, the CCH acquired land from the adjacent parcels, increasing the acreage of the parcel, and it became designated as Flood Control land. In 1964, 5.83 acres were acquired from the Oahu Sugar Company Ltd, further increasing the size of the parcel. Copies of the title records are included in this report as Appendix D.

7.2 *ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS*

The user did not identify any environmental liens or use limitations currently recorded against the subject property.

7.3 *SPECIALIZED KNOWLEDGE*

The user has specialized knowledge regarding former and current activities associated with the subject property. This specialized knowledge was provided to ERM prior to the performance of the site visit and is presented throughout this report in the relevant report sections.

7.4 *COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION*

The user has access to commonly known and reasonably ascertainable information associated with the subject property. The information and documentation, including previous environmental investigations was provided to ERM prior to the performance of the project site visit and is presented throughout this report in the relevant report sections and appendices.

7.5 *VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES*

The user has previously acquired the subject property. No evaluation of the purchase price or fair market value has been conducted.

7.6 *OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION*

The project site is currently used as a park and a general preserved area adjacent to the Hawaii Plantation Village museum. The subject property is owned by the City and County of Honolulu under the jurisdiction of the Department of Community Services.

7.7 *REASON FOR PERFORMING PHASE I ESA*

This Phase I ESA has been performed to identify potential environmental liability issues of the subject property to the City and County of Honolulu

in relation to its Brownfields Assessment Project being funded by the EPA.

CONCLUSIONS

ERM conducted a Phase I ESA at the subject property. Our conclusions and opinions are based on a scope of work that followed the requirements set forth in ASTM Standard E 1527-05 and 40 CFR 312. A summary of ERM's conclusions and opinions are presented below.

Based on the information obtained during the site visit, the environmental database review, historical resources reviewed, and interviews with people familiar with the site and its history, there were no RECs associated with the subject property identified by ERM.

A REC, as defined in ASTM E 1527-05, is "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property, excluding de minimis conditions."

De Minimis or Other Potential Issues

- An abandoned drum was detected at the project site south of the HPV building. The drum is labeled "All-Fleet Plus Motor Oil." There were no obvious signs of petroleum spills or leaks, and the drum appeared to be intact and in good condition at the time of the survey;
- Abandoned construction debris, large trash dumpsters, and other miscellaneous metal debris were detected at the project site;
- Evidence of flood damage, stressed vegetation, and minor litter were detected at the project site.

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This Phase I ESA was conducted by Rob Dyer and Holly D'Agostino of ERM. The professional qualifications are included in Appendix E of this report.

The signatures for Mr. Dyer and Ms. D'Agostino are affixed onto the cover of this report. All are designated Environmental Professionals for this project and prepared the following declaration.

- We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under CERCLA require that a person acquiring property conduct an all appropriate inquiry with respect to the subject property. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR. Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion.

Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the subject property. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the subject property. Results of this assessment are based upon the visual site inspection of readily accessible areas of the subject property conducted by ERM personnel, information from interviews with knowledgeable persons regarding the project site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties.

All conclusions and recommendations regarding the subject property represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or

implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

11.0

REFERENCES

Environmental Data Resources, Inc. (EDR). 2009. EDR Historical Topographic Map Report. Waipahu Garden Center. Inquiry No. 2517678.4. 12 June 2009.

EDR. 2009. EDR Radius Map Report. Waipahu Garden Center. Inquiry No. 2517678.2s. 11 June 2009.

EDR. 2009. Certified Sanborn Map Report. Waipahu Garden Center. Inquiry No. 2517678.3. 12 June 2009.

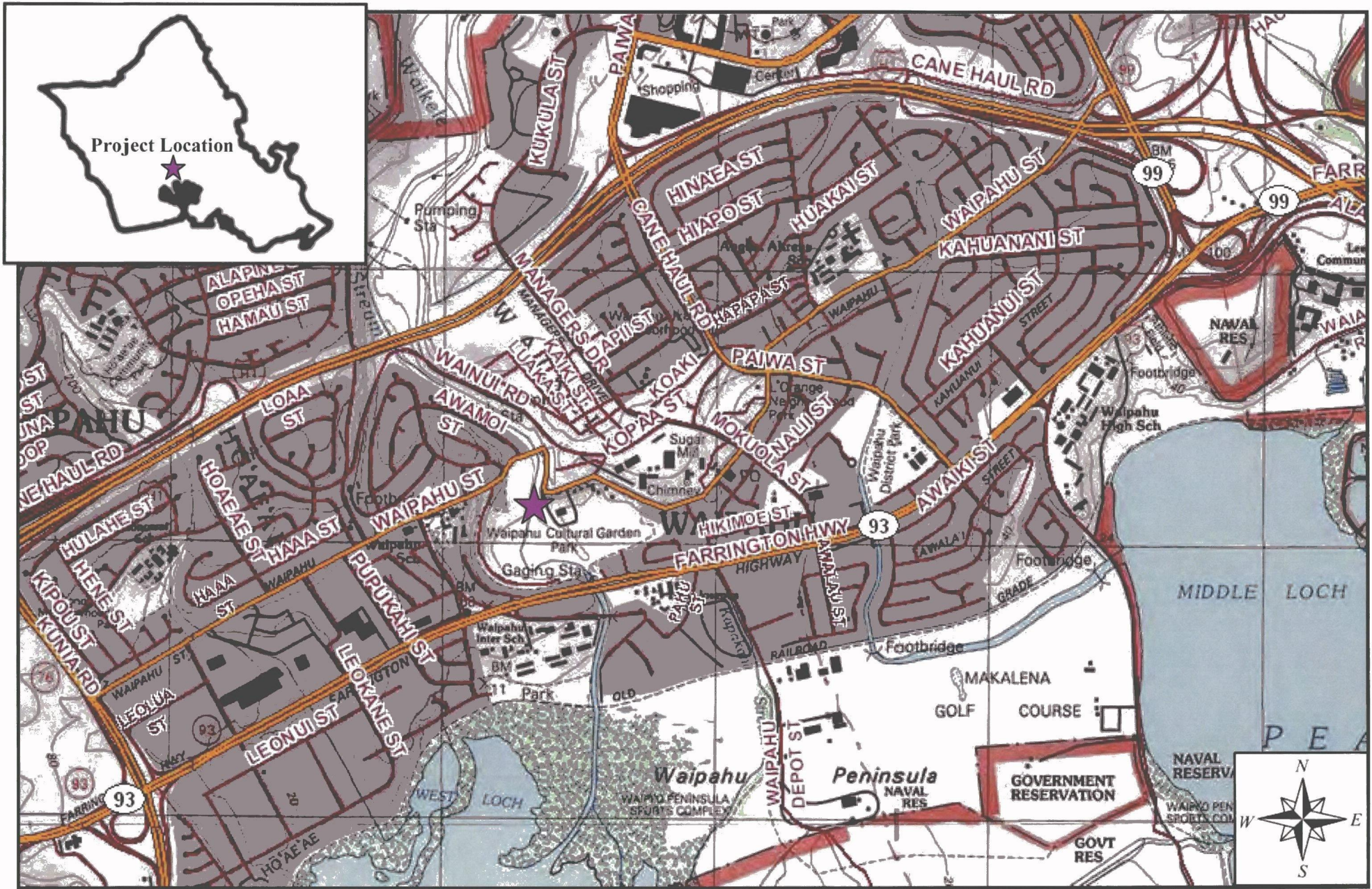
EDR. 2009. EDR Aerial Photo Decade Package. Waipahu Garden Center. Inquiry No. 2517678.5. 12 June 2009.

EDR. 2009. EDR-City Directory Abstract. Waipahu Garden Center. Inquiry No. 2517678.6. 12 June 2009.

Hawaii Plantation Village Website. 2009. <http://hawaiiplantationvillage.radius3.com/index.php?customernumber=621573199949899&pr=Home>.

Hawaii Plantation Village Archives. Accessed 13 July 2009.

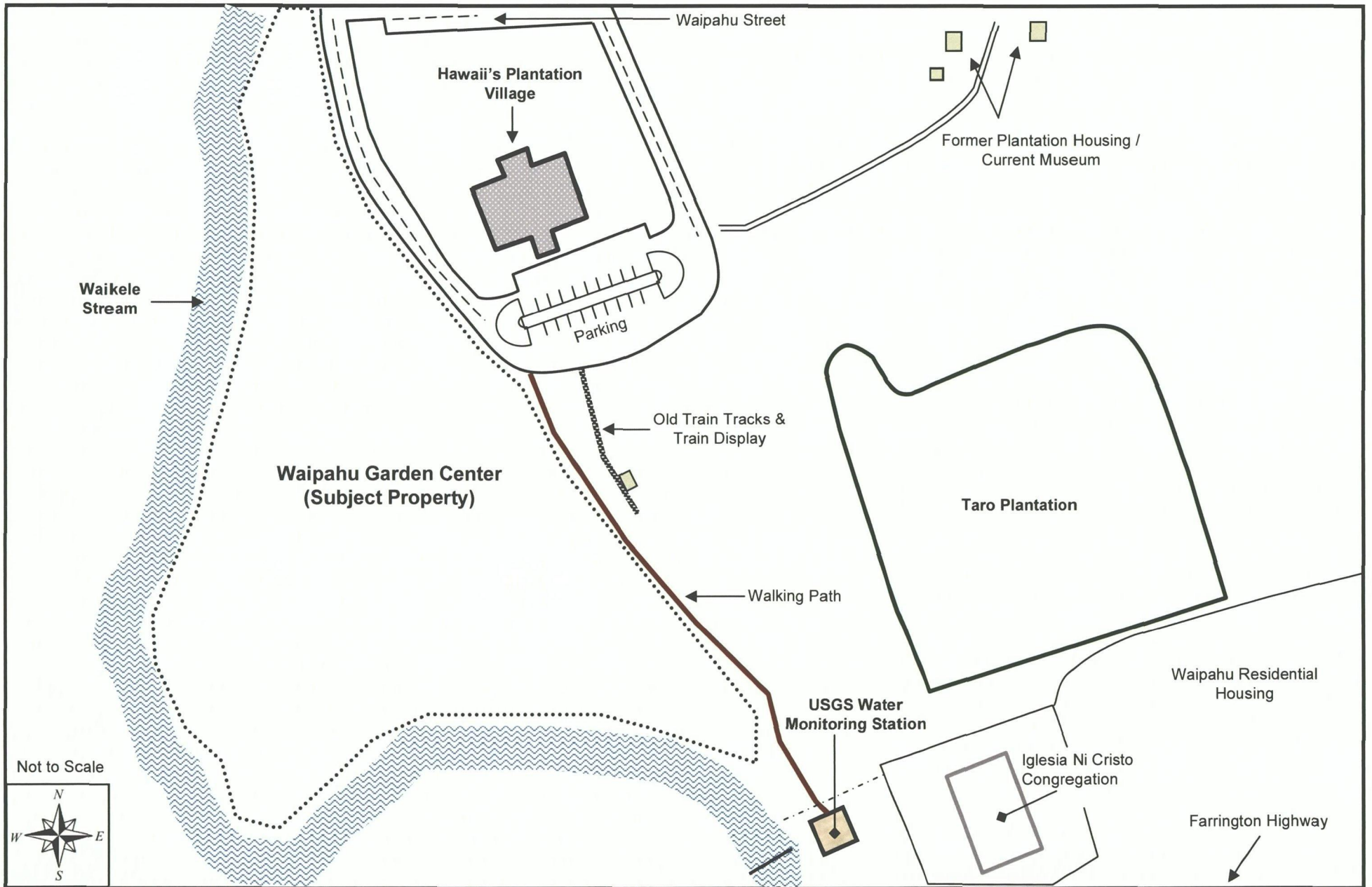
Figures




 ERM
 1132 Bishop St.
 Suite 501
 Honolulu, HI 96813

Figure 1. Project Location Map
Waipahu Garden Center
Waipahu, Oahu

City & County of Honolulu
 TMK: 9-4-010:029



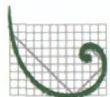
**Figure 2. Site Layout Map
 Waipahu Garden Center
 Waipahu, Oahu**



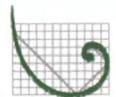
Waipahu Garden Center
(Subject Property)



Figure 3. Satellite Aerial Photograph, c. 2009
Waipahu Garden Center
Waipahu, Oahu

 ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

City & County of Honolulu
TMK: 9-4-010:029



ERM

ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

**Figure 4. Historical Photographs, HPV Archives
1981 Flood at the Waipahu Garden Center
Waipahu, Oahu**

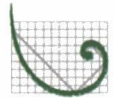
City & County of Honolulu
TMK: 9-4-010:029



Historical aerial view of
the town of Waipahu



Depot Rd. with Oahu Sugar
Company Smoke Stacks



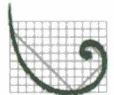
ERM

ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

Figure 5. Historical Photographs, HPV Archives
The town of Waipahu (circa 1940s)
Waipahu, Oahu

City & County of Honolulu
TMK: 9-4-010:029

Appendix A
Site Photographs



ERM

ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

**Hawaii Plantation Village Museum, located to the east of the Waipahu
Garden Center within the same TMK parcel.**

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029



ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

Abandoned dumpster at the Waipahu Garden Center, to the west of the HPV building.

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029

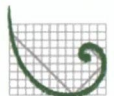


ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

**Two bodies of water, enclosed by wooden supports,
are located in the eastern section of the Waipahu
Garden Center (WGC).**

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029



ERM

ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

**The Waikele Stream borders the WGC to the west.
Miscellaneous debris was found at various places along the
stream.**

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029

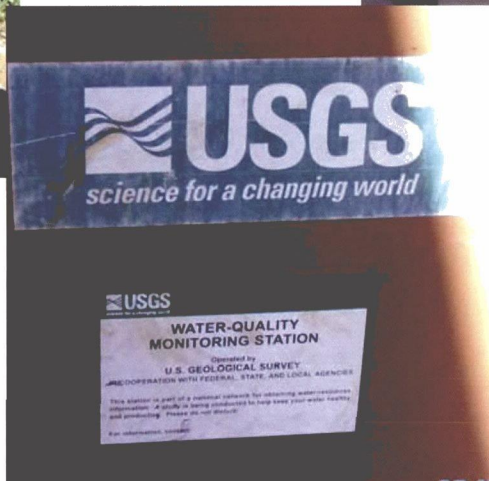
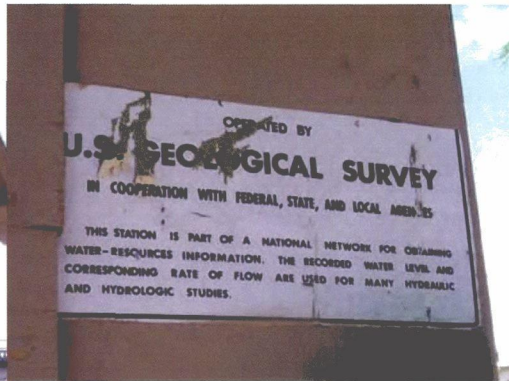


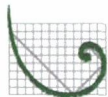
ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

**The historical train, located to the east of the WGC, is part
of the HPV museum exhibit.**

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029




ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

Two U.S. Geological Survey monitoring stations are located at the south end of the property.

Waipahu Garden Center
City & County of Honolulu
TMK: 9-4-010:029



ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

Construction debris was found south of the HPV building.

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029



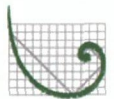
ERM

ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

Abandoned drum located to the south of the HPV building.

Waipahu Garden Center

City & County of Honolulu
TMK: 9-4-010:029



ERM

ERM
1132 Bishop St.
Suite 501
Honolulu, HI 96813

An old shed/dumpster was located to the south of the HPV building, next to the construction debris.

Waipahu Garden Center

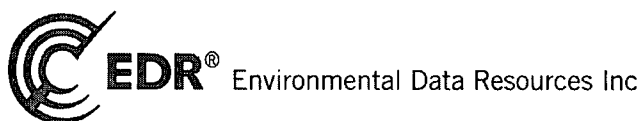
City & County of Honolulu
TMK: 9-4-010:029

Appendix B
EDR Database Search Results

Waipahu Garden Center
Aniani Place
Waipahu, HI 96797

Inquiry Number: 2517678.2s
June 11, 2009

The EDR Radius Map™ Report



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Overview Map.....	2
Detail Map.....	3
Map Findings Summary.....	4
Map Findings.....	7
Orphan Summary.....	29
Government Records Searched/Data Currency Tracking.....	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

ANIANI PLACE
WAIPAHU, HI 96797

COORDINATES

Latitude (North): 21.384500 - 21° 23' 4.2"
Longitude (West): 158.012200 - 158° 0' 43.9"
Universal Tranverse Mercator: Zone 4
UTM X (Meters): 602401.1
UTM Y (Meters): 2364885.0
Elevation: 20 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	21158-D1 SCHOFIELD BARRACKS, HI
Most Recent Revision:	Not reported
East Map:	21157-D8 WAIPAHU, HI
Most Recent Revision:	Not reported
South Map:	21158-C1 EWA, 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

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

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 - Transporters, 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

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

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

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs

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
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
DRYCLEANERS..... Permitted Drycleaner Facility Listing
AIRS..... List of Permitted Facilities
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

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 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 11/12/2008 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON 98584	94 485 FARRINGTON HWY	SSW 1/8 - 1/4 (0.174 mi.)	A2	7

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 04/04/2008 has revealed that there are 6 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LOTS 28 AND 29 FORMER WAIPAHU</i>	<i>94-833 MAKAALOHA ST</i>	<i>ENE 1/4 - 1/2 (0.372 mi.)</i>	<i>B6</i>	<i>12</i>
<i>WAIPAHU UNOCAL SERVICE #5177</i>	<i>94-303 WAIPAHU ST</i>	<i>W 1/2 - 1 (0.566 mi.)</i>	<i>14</i>	<i>19</i>
<i>PACIFIC MACHINERY</i>	<i>94-025 FARRINGTON HWY</i>	<i>WSW 1/2 - 1 (0.850 mi.)</i>	<i>17</i>	<i>22</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>WAIPAHU AUTO COMPANY</i>		<i>E 1/4 - 1/2 (0.391 mi.)</i>	<i>C9</i>	<i>15</i>
<i>COMPLETE AUTO REPAIR AND ESTIM</i>	<i>94-875 FARRINGTON HWY</i>	<i>E 1/2 - 1 (0.694 mi.)</i>	<i>15</i>	<i>20</i>
<i>WAIPAHU FIRE STATION</i>	<i>94-121 LEONU I ST</i>	<i>SW 1/2 - 1 (0.823 mi.)</i>	<i>16</i>	<i>21</i>

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 03/01/2009 has revealed that there are 9 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BIONIC SELF-SERVE Facility Status: Site Cleanup Completed (NFA) Facility Status: Site Cleanup Completed (NFA) <i>*Additional key fields are available in the Map Findings section</i>	94-485 FARRINGTON HWY	SSW 1/8 - 1/4 (0.174 mi.)	A3	9
SAIKI & SONS INC. Facility Status: Site Cleanup Completed (NFA)	94-825 WAIPAHU ST	ENE 1/4 - 1/2 (0.260 mi.)	4	10
WAIPAHU SHELL SERVICE Facility Status: Monitored Natural Attenuation	94-380 PUPUPANI ST.	SW 1/4 - 1/2 (0.295 mi.)	5	10
WAIPAHU MECHANICAL EQUIPMENT S Facility Status: Site Cleanup Completed (NFA)	94-833 MAKAALOHA ST	ENE 1/4 - 1/2 (0.372 mi.)	B7	14
FORMER OAHU SUGAR MILL Facility Status: Site Cleanup Completed (NFA)	MANAGERS DRIVE/HIAPO ST N 1/4 - 1/2 (0.482 mi.)		12	17
J'S WAIPAHU CHEVRON Facility Status: Monitored Natural Attenuation	94-380 MOKUOLA ST	ENE 1/4 - 1/2 (0.483 mi.)	13	18

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WAIPAHU AUTO CO. - DIVISION OF Facility Status: Site Cleanup Completed (NFA)	94-729 FARRINGTON HWY	E 1/4 - 1/2 (0.391 mi.)	C8	14
JIFFY MART WAIPAHU Facility Status: Site Cleanup Completed (NFA)	94-767 FARRINGTON HWY	E 1/4 - 1/2 (0.470 mi.)	D10	15
TAJIRO URANAKA Facility Status: Site Cleanup Completed (NFA)	94-767 FARRINGTON HWY	E 1/4 - 1/2 (0.470 mi.)	D11	17

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 03/01/2009 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WAIPAHU CENTRAL OFFICE	94-561 FARRINGTON HWY	SSE 1/8 - 1/4 (0.147 mi.)	1	7
BIONIC SELF-SERVE	94-485 FARRINGTON HWY	SSW 1/8 - 1/4 (0.174 mi.)	A3	9

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

Voluntary Remediation Program and Brownfields sites with institutional controls in place.

A review of the INST CONTROL list, as provided by EDR, and dated 04/04/2008 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOTS 28 AND 29 FORMER WAIPAHU	94-833 MAKAALOHA ST	ENE 1/4 - 1/2 (0.372 mi.)	B6	12

State and tribal voluntary cleanup sites

VCP: Voluntary Response Program Sites.

A review of the VCP list, as provided by EDR, and dated 04/04/2008 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOTS 28 AND 29 FORMER WAIPAHU	94-833 MAKAALOHA ST	ENE 1/4 - 1/2 (0.372 mi.)	B6	12

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LUALUALEI NAVAL RESERVATION		NNW 1/2 - 1 (0.914 mi.)	0	7

EXECUTIVE SUMMARY

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

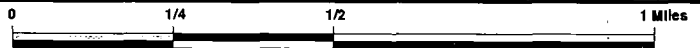
<u>Site Name</u>	<u>Database(s)</u>
WAIPAHU LAUNDRY CENTER PACIFIC CONCRETE & ROCK LDFL	FINDS, FTTS SHWS, FINDS, SPILLS, INST CONTROL
EWA SUGAR MILL/OAHU SUGAR CO. - PE PUMP 15 STATION, FORMER OAHU SUGAR ALEXANDER AND BALDWIN MILLTOWN LEA CASTLE AND COOKE MANAGERS DRIVE	SHWS, INST CONTROL SHWS SHWS, INST CONTROL SHWS, FINDS, SPILLS, INST CONTROL
LOT 32 FORMER WAIPAHU SUGAR MILL A ABANDONED DRUMS WAIPAHU STREET DUM WAIPAHU WELLS WAIPIO HEIGHTS WELLS II A&B PROPERTIES, INC . MILL TOWN SI A&B PROPERTIES, INC . MILL TOWN SI LONGS DRUG STORE 259 USNAVY CMDR NVY REG HI NAVAL MAG W WAIPAHU WELLS I BWS WAIPAHU DEPOT STREET, 12-INCH LOT 32 FORMER WAIPAHU SUGAR MILL C AMFAC WAIPAHU SUGAR CHLORINATED SO ABANDONED DRUMS WAIPAHU STREET DUM BWS WAIPAHU DEPOT STREET, 12-INCH	SHWS, VCP, INST CONTROL SHWS CERCLIS, FINDS CERC-NFRAP LUST UST FINDS, RCRA-CESQG RCRA-CESQG FINDS FINDS FINDS FINDS SPILLS SPILLS

OVERVIEW MAP - 2517678.2s



- ★ 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

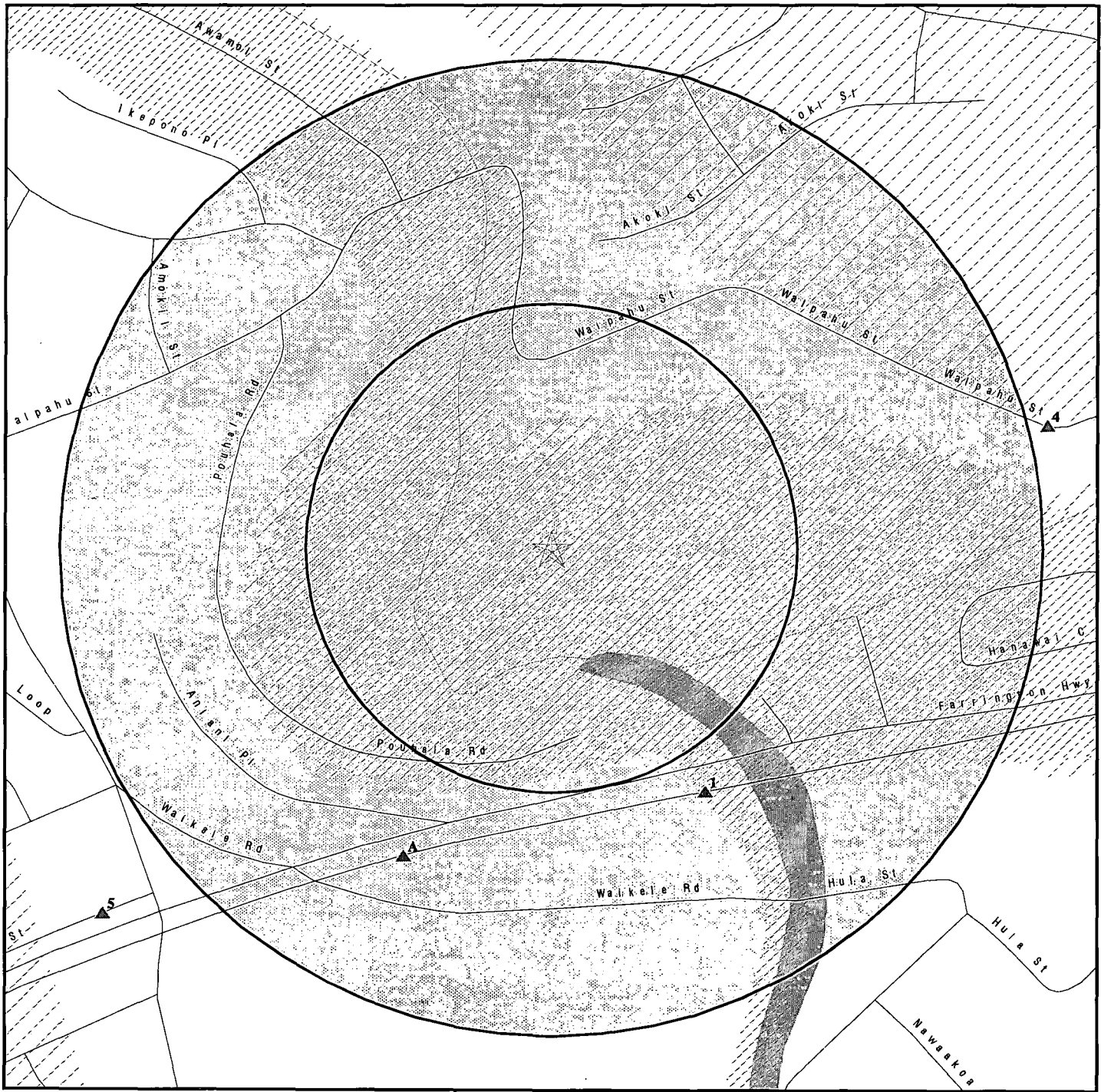


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Waipahu Garden Center
 ADDRESS: Aniani Place
 Waipahu HI 96797
 LAT/LONG: 21.3845 / 158.0122

CLIENT: ERM
 CONTACT: Holly DAgostino
 INQUIRY #: 2517678.2s
 DATE: June 11, 2009 7:11 pm

DETAIL MAP - 2517678.2s



- ★ 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



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Waipahu Garden Center ADDRESS: Aniani Place Waipahu HI 96797 LAT/LONG: 21.3845 / 158.0122</p>	<p>CLIENT: ERM CONTACT: Holly DAgostino INQUIRY #: 2517678.2s DATE: June 11, 2009 7:11 pm</p>
---	--

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
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
	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
<i>Federal Delisted NPL site list</i>								
	Delisted NPL	1.000	0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
	CERCLIS	0.500	0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
	CERC-NFRAP	0.500	0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
	CORRACTS	1.000	0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
	RCRA-TSDF	0.500	0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
	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	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
	US ENG CONTROLS	0.500	0	0	0	NR	NR	0
	US INST CONTROL	0.500	0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
	ERNS	TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
	SHWS	1.000	0	0	2	4	NR	6
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
	SWF/LF	0.500	0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
	LUST	0.500	0	1	8	NR	NR	9
	INDIAN LUST	0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
	UST	0.250	0	2	NR	NR	NR	2
	INDIAN 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
State and tribal institutional control / engineering control registries								
INST CONTROL		0.500	0	0	1	NR	NR	1
State and tribal voluntary cleanup sites								
INDIAN VCP		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1
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								
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		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
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	1	NR	1
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
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

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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
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

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

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region
NNW
1/2-1
4825 ft.

LUALUALEI NAVAL RESERVATION
LUALUALEI NAVAL RESERVATI (County), HI

DOD CUSA147741
N/A

DOD:
Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Lualualei Naval Reservation
Name 2: Not reported
Name 3: Not reported
State: HI
DOD Site: Yes
Tile name: HIHONOLULU

1
SSE
1/8-1/4
0.147 mi.
776 ft.

WAIPAHU CENTRAL OFFICE
94-561 FARRINGTON HWY
WAIPAHU, HI 96797

UST U003221983
N/A

Relative:
Higher
Actual:
48 ft.

UST:
Facility ID: 9-200537
Owner: Hawaiian Telcom
Owner Address: P.O. Box 2200
Ownder City,St,Zip: Waipahu, 96797 96797

Tank ID: M-1
Date Installed: 5/7/1985
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 1000
Substance: Diesel

A2
SSW
1/8-1/4
0.174 mi.
921 ft.

CHEVRON 98584
94 485 FARRINGTON HWY
WAIPAHU, HI 96797

RCRA-CESQG 1008880424
HIR000137018

Site 1 of 2 in cluster A

Relative:
Higher
Actual:
54 ft.

RCRA-CESQG:
Date form received by agency: 09/16/2005
Facility name: CHEVRON 98584
Facility address: 94 485 FARRINGTON HWY
WAIPAHU, HI 96797
EPA ID: HIR000137018
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 98584 (Continued)

1008880424

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: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/16/1973
Owner/Op end date: Not reported

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: 10/16/1973
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
Used 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON 98584 (Continued)

1008880424

Hazardous Waste Summary:

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

A3
SSW
1/8-1/4
0.174 mi.
921 ft.

BIONIC SELF-SERVE
94-485 FARRINGTON HWY
WAIPAHU, HI 96797

LUST U003222011
UST N/A

Site 2 of 2 in cluster A

Relative:
Higher

LUST:

Facility ID: 9-201097
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 2/1/1999
Release ID: 880014
Project Officer: Chad Pritchard

Actual:
54 ft.

Facility ID: 9-201097
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 8/9/2005
Release ID: 040010
Project Officer: Chad Pritchard

Facility ID: 9-201097
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 8/9/2005
Release ID: 040009
Project Officer: Chad Pritchard

UST:

Facility ID: 9-201097
Owner: CHEVRON PRODUCTS COMPANY
Owner Address: 91-480 MALAKOLE ST.
Owner City, St, Zip: Waipahu, 96797 96797

Tank ID: 87
Date Installed: 4/28/1984
Tank Status: Temporarily out of Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 89
Date Installed: 5/1/1984
Tank Status: Temporarily out of Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 92
Date Installed: 4/28/1984
Tank Status: Temporarily out of Use
Date Closed: Not reported
Tank Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BIONIC SELF-SERVE (Continued)

U003222011

Substance: Gasoline

4
ENE
1/4-1/2
0.260 mi.
1374 ft.

SAIKI & SONS INC.
94-825 WAIPAHU ST
WAIPAHU, HI 96797

LUST U001236122
UST N/A

Relative:
Higher

LUST:
Facility ID: 9-200308
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/3/2007
Release ID: 910051
Project Officer: Shunsheng Fu

Actual:
31 ft.

UST:
Facility ID: 9-200308
Owner: SAIKI & SONS INC.
Owner Address: 94-825 WAIPAHU ST
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: R-1
Date Installed: 4/8/1949
Tank Status: Permanently Out of Use
Date Closed: 5/3/1991
Tank Capacity: 1000
Substance: Not Listed

Tank ID: R-2
Date Installed: 4/8/1949
Tank Status: Permanently Out of Use
Date Closed: 5/3/1991
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-3
Date Installed: 4/8/1969
Tank Status: Permanently Out of Use
Date Closed: 12/19/1994
Tank Capacity: 3000
Substance: Gasoline

5
SW
1/4-1/2
0.295 mi.
1556 ft.

WAIPAHU SHELL SERVICE
94-380 PUPUPANI ST.
WAIPAHU, HI 96797

LUST U003541831
UST N/A

Relative:
Higher

LUST:
Facility ID: 9-201029
Facility Status: Monitored Natural Attenuation
Facility Status Date: 12/20/2004
Release ID: 890008
Project Officer: Shunsheng Fu

Actual:
57 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAIPAHU SHELL SERVICE (Continued)

U003541831

UST:

Facility ID: 9-201029
Owner: EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Owner Address: 2555 13TH AVE, SW
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: 4
Date Installed: 8/18/1989
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 550
Substance: Used Oil

Tank ID: 87
Date Installed: 8/18/1989
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Gasoline

Tank ID: 89
Date Installed: 8/18/1989
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Diesel

Tank ID: 92
Date Installed: 8/18/1989
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Gasoline

Tank ID: R-1
Date Installed: 4/22/1972
Tank Status: Permanently Out of Use
Date Closed: 1/31/1989
Tank Capacity: 6000
Substance: Gasoline

Tank ID: R-2
Date Installed: 4/22/1962
Tank Status: Permanently Out of Use
Date Closed: 1/31/1989
Tank Capacity: 4000
Substance: Gasoline

Tank ID: R-3
Date Installed: 4/22/1970
Tank Status: Permanently Out of Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAIPAHU SHELL SERVICE (Continued)

U003541831

Date Closed: 1/31/1989
Tank Capacity: 4000
Substance: Gasoline

Tank ID: R-4
Date Installed: 4/22/1962
Tank Status: Permanently Out of Use
Date Closed: 1/31/1989
Tank Capacity: 6000
Substance: Gasoline

Tank ID: R-5
Date Installed: 4/22/1962
Tank Status: Permanently Out of Use
Date Closed: 1/31/1989
Tank Capacity: 4000
Substance: Gasoline

Tank ID: R-6
Date Installed: 4/22/1962
Tank Status: Permanently Out of Use
Date Closed: 1/31/1989
Tank Capacity: 550
Substance: Used Oil

B6
ENE
1/4-1/2
0.372 mi.
1963 ft.

**LOTS 28 AND 29 FORMER WAIPAHU SUGAR MILL DIESEL PL
94-833 MAKAALOHA ST
WAIPAHU, HI 96797**

SHWS
SPILLS
VCP
INST CONTROL

U001236230
N/A

Site 1 of 2 in cluster B

Relative:
Higher

SHWS:

File Under: Building Industry Association, Construction Training Center of the Pacific
Supplement: 94-487/493 Akoki St
Restricted Use: The site is under evaluation for land use control.
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Alexander and Baldwin Mill Town Diesel Plume in Groundwater
Fed Id: Not reported
Funding: Report Ongoing
Agreement/program: Voluntary Response Program
Sitelist Name: Alexander and Baldwin Mill Town Diesel Plume in Groundwater
Activity Type: Remedial
Assignment Date: 9/1/2007
Activity Lead: John Peard
Assignment End Date: Not reported
End fill: 4/4/2008
Result fill: Ongoing
Overall Status: Ongoing EI (Environmental Interest)

Actual:
50 ft.

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Waipahu Sugar Mill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOTS 28 AND 29 FORMER WAIPAHU SUGAR MILL DIESEL PL (Continued)

U001236230

Case Number: 19960513-1420
Units: Waipahu Sugar Mill Bunker C Release
Substances: Diesel Fuel Bunker
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 5/13/1996
Activity Lead: Bill Perry
Assignment End Date: Not reported
Result: 8
File Under: Ewa Sugar Mill/Oahu Sugar Co.
Incident: Discovered motor oil which was above reportable level in sump soil located in concrete vault. Samples taken for other substances. Vault was destroyed and more oil was found and contained in plastic berm. Soil staining and odor noticed following tank removal.
Initial: Will investigate the extent of contamination during a Phase II SI at Waipahu Sugar Mill.
Report: This case will be included in the Waipahu Sugar Mill Phase II under SDA. The HEER Office has no record of the initial verbal notification.

Island: Oahu
Supplemental Loc. Text: Waipahu Sugar Mill
Case Number: 19990319-1623
Units: Waipahu Sugar Mill
Substances: Not reported
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 3/19/1999
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: 8
File Under: Ewa Sugar Mill/Oahu Sugar Co.
Incident: Discovered motor oil which was above reportable level in sump soil located in concrete vault. Samples taken for other substances. Vault was destroyed and more oil was found and contained in plastic berm. Soil staining and odor noticed following tank removal.
Initial: Will investigate the extent of contamination during a Phase II SI at Waipahu Sugar Mill.
Report: This case will be included in the Waipahu Sugar Mill Phase II under SDA. The HEER Office has no record of the initial verbal notification.

VCP:

Location Address Line 2: Not reported
Agreement/Program: Voluntary Response Program

HI INSTITUTIONAL CONTROL:

Restricted Use: The site is under evaluation for land use control.
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported
File Under: Building Industry Association, Construction Training Center of the Pacific

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

B7 **WAIPAHU MECHANICAL EQUIPMENT SHOP** **FINDS** **1006842611**
ENE **94-833 MAKAALOHA ST** **LUST** **N/A**
1/4-1/2 **WAIPAHU, HI 96797**
0.372 mi.
1963 ft. **Site 2 of 2 in cluster B**

Relative: **FINDS:**
Higher Other Pertinent Environmental Activity Identified at Site

Actual: Registry ID: 110014040634
50 ft.

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: 9-200943
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/19/2001
Release ID: 920025
Project Officer: Shaobin Li

C8 **WAIPAHU AUTO CO. - DIVISION OF SERVCO** **LUST** **U003221996**
East **94-729 FARRINGTON HWY** **UST** **N/A**
1/4-1/2 **WAIPAHU, HI 96797**
0.391 mi.
2063 ft. **Site 1 of 2 in cluster C**

Relative: **LUST:**
Lower Facility ID: 9-200882
Facility Status: Site Cleanup Completed (NFA)
Actual: Facility Status Date: 8/11/1998
7 ft. Release ID: 980210
Project Officer: David Hodges

UST:
Facility ID: 9-200882
Owner: SERVCO PACIFIC
Owner Address: 94-729 FARRINGTON HWY
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: R-1
Date Installed: 5/5/1974
Tank Status: Permanently Out of Use
Date Closed: 5/29/1997
Tank Capacity: 500
Substance: Used Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C9 **WAIPAHA AUTO COMPANY**
East
1/4-1/2 **HONOLULU, HI 96797**
0.391 mi.
2063 ft. **Site 2 of 2 in cluster C**

SHWS **S108009297**
SPILLS **N/A**

Relative:
Lower

Actual:
7 ft.

SHWS:
File Under: Servco Pacific, Inc.
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Waipahu Auto Company
Fed Id: Not reported
Funding: S FY 2006
Agreement/program: State Site
Sitelist Name: Waipahu Auto Company
Activity Type: Ranking
Assignment Date: 9/13/2005
Activity Lead: Laura Young
Assignment End Date: 5/2/2006
End fill: 5/2/2006
Result fill: SDAR Ranked No Further Action (NFA)
Overall Status: SDAR NFA

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20050805-1442
Units: Waipahu Auto Company
Substances: Hydraulic Fluid
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 8/5/2005
Activity Lead: Marsha Graf
Assignment End Date: 9/13/2005
Result: 7
File Under: Servco Pacific, Inc.
Incident: Hydraulic Lift Closure
Initial: Not reported
Report: Not reported

D10 **JIFFY MART WAIPAHA**
East **94-767 FARRINGTON HWY**
1/4-1/2 **WAIPAHA, HI 96797**
0.470 mi.
2481 ft. **Site 1 of 2 in cluster D**

LUST **U003222130**
UST **N/A**

Relative:
Lower

Actual:
7 ft.

LUST:
Facility ID: 9-202938
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 6/20/2000
Release ID: 980183
Project Officer: Shaobin Li

UST:

Facility ID: 9-202938

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JIFFY MART WAIPAHU (Continued)

U003222130

Owner: ALOHA PETROLEUM, LTD.
Owner Address: 1132 BISHOP STREET, SUITE 1700
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: 3
Date Installed: 6/1/1998
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Diesel

Tank ID: 87
Date Installed: 6/1/1998
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 92
Date Installed: 6/1/1998
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-1
Date Installed: 4/5/1983
Tank Status: Permanently Out of Use
Date Closed: 7/18/1998
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-2
Date Installed: 4/5/1983
Tank Status: Permanently Out of Use
Date Closed: 7/18/1998
Tank Capacity: 10000
Substance: Diesel

Tank ID: R-3
Date Installed: 4/5/1983
Tank Status: Permanently Out of Use
Date Closed: 6/17/1998
Tank Capacity: 10000
Substance: Gasoline

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D11
East
1/4-1/2
0.470 mi.
2481 ft.

TAJIRO URANAKA
94-767 FARRINGTON HWY
WAIPAHU, HI 96797

Site 2 of 2 in cluster D

FINDS 1006844115
LUST N/A

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
7 ft.

Registry ID: 110014057439

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: 9-201203
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/15/1995
Release ID: 900066
Project Officer: Steven Okoji

12
North
1/4-1/2
0.482 mi.
2546 ft.

FORMER OAHU SUGAR MILL
MANAGERS DRIVE/HIAPO ST
WAIPAHU, HI 96797

LUST U003858605
UST N/A

Relative:
Higher

LUST:
Facility ID: 9-203744
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 7/12/2002
Release ID: 020024
Project Officer: Richard Takaba

Actual:
124 ft.

UST:

Facility ID: 9-203744
Owner: CASTLE & COOKE INC
Owner Address: P.O. BOX 898900
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 3/12/2002
Tank Capacity: 500
Substance: Diesel

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

13
ENE
1/4-1/2
0.483 mi.
2550 ft.

J'S WAIPAHU CHEVRON
94-380 MOKUOLA ST
WAIPAHU, HI 96797

LUST **U001236307**
UST **N/A**

Relative:
Higher

LUST:
Facility ID: 9-201233
Facility Status: *Monitored Natural Attenuation*
Facility Status Date: 3/25/1999
Release ID: 950021
Project Officer: Shunsheng Fu

Actual:
29 ft.

UST:
Facility ID: 9-201233
Owner: CHEVRON PRODUCTS COMPANY
Owner Address: 91-480 MALAKOLE ST.
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: 87
Date Installed: 7/18/1980
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 89
Date Installed: 7/18/1980
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 92
Date Installed: 7/18/1980
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: 10/31/1994
Tank Capacity: Not reported
Substance: Unknown

Tank ID: R-2
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 10/31/1994
Tank Capacity: Not reported
Substance: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J'S WAIPAHU CHEVRON (Continued)

U001236307

Tank ID: R-3
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 10/31/1994
Tank Capacity: Not reported
Substance: Unknown

Tank ID: R-4
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 10/31/1994
Tank Capacity: 550
Substance: Unknown

14
West
1/2-1
0.566 mi.
2987 ft.

WAIPAHU UNOCAL SERVICE #5177
94-303 WAIPAHU ST
WAIPAHU, HI 96797

SHWS S106821084
SPILLS N/A

Relative:
Higher

Actual:
64 ft.

SHWS:
File Under: TOSCO Corporation
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Former Corey's Unocal
Fed Id: Not reported
Funding: S FY 2000
Agreement/program: State Site
Sitelist Name: Former Corey's Unocal
Activity Type: ISST
Assignment Date: 3/30/2000
Activity Lead: Amy Playdon
Assignment End Date: 4/7/2000
End fill: 4/7/2000
Result fill: ISST Ranked NFA
Overall Status: SDAR NFA

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19971117-1621
Units: Cory's Unocal L-5177 Hydraulic Spill
Substances: Hydraulic Fluid
Less Or Greater Than: Not reported
Numerical Quantity: 1
Units: Gallons
Activity Type: Response
Assignment Date: 11/17/1997
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8
File Under: TOSCO Corporation
Incident: Hydraulic hoist spilled less than a gallon of fluid at Cory's Unocal L-5177.
Initial: Below clean up levels. Contact Micheal Cox TOSCO (808)522-6705 with

Map ID
Direction
Distance
Elevation



Site

Database(s)

EDR ID Number
EPA ID Number

WAIPAHU UNOCAL SERVICE #5177 (Continued)

S106821084

Report: furtherquestions.
Hoist removed. Soil below clean up levels.

15
East
1/2-1
0.694 mi.
3667 ft.

COMPLETE AUTO REPAIR AND ESTIMATES
94-875 FARRINGTON HWY
WAIPAHU, HI 96797

SHWS S106816759
SPILLS N/A
INST CONTROL

Relative:
Lower

Actual:
7 ft.

SHWS:
File Under: Complete Auto Repair and Estimates
Supplement: Not reported
Restricted Use: This facility is available for unrestricted use.
Restricted Use Comm: Not reported
IC Relied On In Remedy: Not reported
Unit: Complete Auto Repair and Estimates Hydraulic Lift Removal
Fed Id: Not reported
Funding: RP
Agreement/program: State Site
Sitelist Name: Complete Auto Repair and Estimates Hydraulic Lift Removal
Activity Type: File Review
Assignment Date: 2/25/2008
Activity Lead: Richard Palmer
Assignment End Date: 2/25/2008
End fill: 2/25/2008
Result fill: Complete
Overall Status: Complete NFA Letter on File

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20011217-1210
Units: Complete Auto Repair and Estimates
Substances: Hydraulic Oil
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 12/17/2001
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8
File Under: Complete Auto Repair and Estimates
Incident: Five underground hydraulic lifts were removed from the above referenced site.
A petroleum sheen was observed by Kimura International personnel on the groundwater surface during removal activities.
Initial: Not reported
Report: Not reported

HI INSTUTIONAL CONTROL:

Restricted Use: This facility is available for unrestricted use.
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported
File Under: Complete Auto Repair and Estimates

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

16
SW
1/2-1
0.823 mi.
4348 ft.

WAIPAHA FIRE STATION
94-121 LEONUI ST
WAIPAHA, HI 96797

SHWS U003914037
UST N/A

Relative:
Lower

SHWS:
File Under: City and County of Honolulu, Fire Department
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On in Remedy: Not reported
Unit: Waipahu Fire Station
Fed Id: Not reported
Funding: NA FFY 2005
Agreement/program: State Site
Sitelist Name: Waipahu Fire Station
Activity Type: Screening
Assignment Date: 12/7/2004
Activity Lead: Mark Sutterfield
Assignment End Date: 12/8/2004
End fill: 12/8/2004
Result fill: Screening Referred to SHWB
Overall Status: Complete NA/Site Referred to SHWB

Actual:
13 ft.

UST:

Facility ID: 9-200098
Owner: C&C OF HNL - HONOLULU FIRE DEPARATMENT
Owner Address: 636 South Street
Ownder City,St,Zip: Waipahu, 96797 96797

Tank ID: R-1
Date Installed: 8/16/1980
Tank Status: **Permanently Out of Use**
Date Closed: 9/15/1993
Tank Capacity: 1000
Substance: Diesel

Tank ID: R-1
Date Installed: 8/16/1980
Tank Status: **Permanently Out of Use**
Date Closed: 9/15/1993
Tank Capacity: 1000
Substance: Diesel

Tank ID: R-2
Date Installed: 8/15/1975
Tank Status: **Permanently Out of Use**
Date Closed: 9/15/1993
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-2
Date Installed: 8/15/1975
Tank Status: **Permanently Out of Use**
Date Closed: 9/15/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAIPAHU FIRE STATION (Continued)

U003914037

Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-3
Date Installed: 8/16/1969
Tank Status: Permanently Out of Use
Date Closed: 6/30/1980
Tank Capacity: 1000
Substance: Diesel

Tank ID: R-3
Date Installed: 8/16/1969
Tank Status: Permanently Out of Use
Date Closed: 6/30/1980
Tank Capacity: 1000
Substance: Diesel

17
WSW
1/2-1
0.850 mi.
4490 ft.

PACIFIC MACHINERY
94-025 FARRINGTON HWY
WAIPAHU, HI 96797

Relative:
Higher

Actual:
24 ft.

RCRA-SQG:

Date form received by agency: 02/28/1996
Facility name: PACIFIC MACHINERY
Facility address: 94 025 FARRINGTON HWY
WAIPAHU, HI 967970000

EPA ID: HID981651698
Contact: KEVIN K NONAKA
Contact address: Not reported

Not reported
Contact country: Not reported
Contact telephone: (808) 676-0348
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

Handler Activities Summary:

U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: Unknown
Transporter of hazardous waste: Unknown
Treater, storer or disposer of HW: No
Underground injection activity: Unknown
On-site burner exemption: Unknown

RCRA-SQG 1000252022
SHWS HID981651698
FINDS
LUST
SPILLS
UST
INST CONTROL
HAZNET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MACHINERY (Continued)

1000252022

Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:

Date form received by agency: 02/24/1994
Facility name: PACIFIC MACHINERY
Classification: Large Quantity Generator

Date form received by agency: 03/06/1990
Facility name: PACIFIC MACHINERY
Classification: Large Quantity Generator

Date form received by agency: 03/06/1987
Facility name: PACIFIC MACHINERY
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/12/2008
Date achieved compliance: 06/30/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2008
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: Used Oil - Generators
Date violation determined: 05/07/2008
Date achieved compliance: 06/30/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/12/2008
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: 02/07/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MACHINERY (Continued)

1000252022

Date achieved compliance: 06/30/2008
Evaluation lead agency: State

Evaluation date: 02/07/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/30/2008
Evaluation lead agency: State

Evaluation date: 06/28/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SHWS:

File Under: Hawthorne Pacific Corporation
Supplement: 94-025 and 94-031 Farrington Hwy
Restricted Use: The site is under evaluation for land use control.
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Hawthorne Pacific Corporation
Fed Id: Not reported
Funding: Report Ongoing LUC
Agreement/program: State Site
Sitelist Name: Hawthorne Pacific Corporation
Activity Type: Not reported
Assignment Date: 2/4/2008
Activity Lead: Cal Miyahara
Assignment End Date: Not reported
End fill: 4/4/2008
Result fill: Ongoing
Overall Status: Ongoing

File Under: Hawthorne Pacific Corporation
Supplement: 94-025 and 94-031 Farrington Hwy
Restricted Use: The site is under evaluation for land use control.
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Hawthorne Pacific Corporation
Fed Id: Not reported
Funding: Report Ongoing LUC
Agreement/program: State Site Program
Sitelist Name: Hawthorne Pacific Corporation
Activity Type: File Review
Assignment Date: 9/11/2006
Activity Lead: Unassigned
Assignment End Date: Not reported
End fill: 4/4/2008
Result fill: Ongoing
Overall Status: Ongoing EI LUC (Land Use Control)

FINDS:

Other Pertinent Environmental Activity Identified at Site

Registry ID: 110005724546

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MACHINERY (Continued)

1000252022

Not reported

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.

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.

LUST:

Facility ID: 9-200846
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 8/31/1995
Release ID: 940037
Project Officer: Shunsheng Fu

Facility ID: 9-200846
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 3/9/2004
Release ID: 040023
Project Officer: Shunsheng Fu

Facility ID: 9-200846
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 6/17/1999
Release ID: 990099
Project Officer: Shunsheng Fu

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: 94-025 and 94-031 Farrington Hwy
Case Number: 19981117-0954
Units: Pacific Machinery Inc
Substances: Ethyl Benzene
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 11/17/1998
Activity Lead: Liz Galvez
Assignment End Date: Not reported
Result: 8
File Under: Hawthorne Pacific Corporation
Incident: UST closure. No observe release from lab results.
Initial: Not reported
Report: Not reported

UST:

Facility ID: 9-200846
Owner: PACIFIC MACHINERY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MACHINERY (Continued)

1000252022

Owner Address: Not reported
Owner City,St,Zip: Waipahu, 96797 96797

Tank ID: R-1
Date Installed: 3/27/1970
Tank Status: Permanently Out of Use
Date Closed: 11/2/1998
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-2
Date Installed: 3/27/1970
Tank Status: Permanently Out of Use
Date Closed: 11/2/1998
Tank Capacity: 1000
Substance: Diesel

Tank ID: R-3
Date Installed: 3/27/1970
Tank Status: Permanently Out of Use
Date Closed: 11/2/1998
Tank Capacity: 1000
Substance: Diesel

Tank ID: R-5
Date Installed: 12/30/1966
Tank Status: Permanently Out of Use
Date Closed: 12/30/1990
Tank Capacity: 5000
Substance: Diesel

Tank ID: R-6
Date Installed: 1/1/1960
Tank Status: Permanently Out of Use
Date Closed: 1/20/1993
Tank Capacity: 550
Substance: Used Oil

HI INSTUTIONAL CONTROL:

Restricted Use: The site is under evaluation for land use control.
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported
File Under: Hawthorne Pacific Corporation

Restricted Use: The site is under evaluation for land use control.
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported
File Under: Hawthorne Pacific Corporation

HAZNET:

Gepaid: HID981651698
Contact: NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MACHINERY (Continued)

1000252022

Telephone: 8086779111
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 94-025 FARRINGTON HWY
Mailing City,St,Zip: WAIPAHU, HI 967970000
Gen County: 99
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .0510
Facility County: 99

Gepaid: HID981651698
Contact: NOT REQUIRED
Telephone: 8086779111
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 94-025 FARRINGTON HWY
Mailing City,St,Zip: WAIPAHU, HI 967970000
Gen County: 99
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0834
Facility County: 99

Gepaid: HID981651698
Contact: NOT REQUIRED
Telephone: 8086779111
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 94-025 FARRINGTON HWY
Mailing City,St,Zip: WAIPAHU, HI 967970000
Gen County: 99
TSD EPA ID: CAD050806850
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture Waste
Disposal Method: Recycler
Tons: 1.2510
Facility County: 99

Gepaid: HID981651698
Contact: NOT REQUIRED
Telephone: 8086779111
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 94-025 FARRINGTON HWY
Mailing City,St,Zip: WAIPAHU, HI 967970000
Gen County: 99
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .2085
Facility County: 99

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC MACHINERY (Continued)

1000252022

Gepaid: HID981651698
Contact: NOT REQUIRED
Telephone: 8086779111
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 94-025 FARRINGTON HWY
Mailing City,St,Zip: WAIPAHU, HI 967970000
Gen County: 99
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Treatment, Incineration
Tons: .0417
Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EWA BEACH	1006821165	PACIFIC CONCRETE & ROCK LDFL	91-402 FARRINGTON HWY	96706	SHWS, FINDS, SPILLS, INST CONTROL
EWA BEACH	S106817012	EWA SUGAR MILL/OAHU SUGAR CO. - PE	FARRINGTON HWY	96706	SHWS, INST CONTROL
KAPOLEI	S106820144	PUMP 15 STATION, FORMER OAHU SUGAR	OLD FARRINGTON HWY	96707	SHWS
OAHU	1003879142	WAIPAHU WELLS	ON CANE ROAD OFF WAIPAHU STREE	96797	CERCLIS, FINDS
OAHU	1003879141	WAIPIO HEIGHTS WELLS II	COR OF KAM HWY & KA UKA BLVD	96797	CERC-NFRAP
WAIPAHU	1004688747	LONGS DRUG STORE 259	94 060 FARRINGTON HWY UNIT D	96797	FINDS, RCRA-CESQG
WAIPAHU	1011849765	WAIPAHU LAUNDRY CENTER	94-748A HIKIMOE STREET	96797	FINDS, FTTS
WAIPAHU	S108008476	ALEXANDER AND BALDWIN MILLTOWN LEA	KOAKI ST	96797	SHWS, INST CONTROL
WAIPAHU	1006819636	WAIPAHU WELLS I	94-700 MAHOE ST	96797	FINDS
WAIPAHU	1006820121	CASTLE AND COOKE MANAGERS DRIVE	MANAGERS DR	96797	SHWS, FINDS, SPILLS, INST CONTROL
WAIPAHU	U003832864	A&B PROPERTIES, INC . MILL TOWN SI	MOKUOLA STREET EXTENSION (FORM	96797	UST
WAIPAHU	S105211962	A&B PROPERTIES, INC . MILL TOWN SI	MOKUOLA STREET EXTENSION (FORM	96797	LUST
WAIPAHU	S108008575	LOT 32 FORMER WAIPAHU SUGAR MILL A	WAIPAHU ST	96797	SHWS, VCP, INST CONTROL
WAIPAHU	S107026218	ABANDONED DRUMS WAIPAHU STREET DUM	WAIPAHU ST	96797	SPILLS
WAIPAHU	S107025709	BWS WAIPAHU DEPOT STREET, 12-INCH	WAIPAHU DEPOT ST	96797	SPILLS
WAIPAHU	S106815927	ABANDONED DRUMS WAIPAHU STREET DUM	WAIPAHU ST	96797	SHWS
WAIPAHU	1009799734	BWS WAIPAHU DEPOT STREET, 12-INCH	WAIPAHU DEPOT ST	96797	FINDS
WAIPAHU	1009796518	LOT 32 FORMER WAIPAHU SUGAR MILL C	WAIPAHU ST	96797	FINDS
WAIPAHU	1006820404	AMFAC WAIPAHU SUGAR CHLORINATED SO	WAIPAHU ST	96797	FINDS
WAIPAHU	1005415811	USNAVY CMDR NVY REG HI NAVAL MAG W	WAIPAHU ST 1 HALF MI N OF	96797	RCRA-CESQG

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: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 04/20/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/27/2009
	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: 04/23/2009	Source: EPA
Date Data Arrived at EDR: 04/28/2009	Telephone: N/A
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 04/20/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/27/2009
	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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 05/17/2009
Number of Days to Update: 56	Next Scheduled EDR Contact: 08/17/2009
	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: 02/02/2009	Source: EPA
Date Data Arrived at EDR: 02/12/2009	Telephone: N/A
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 04/20/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 07/27/2009
	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: 01/09/2009	Source: EPA
Date Data Arrived at EDR: 01/30/2009	Telephone: 703-412-9810
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/29/2009
Number of Days to Update: 101	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Quarterly

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: 12/03/2007	Source: EPA
Date Data Arrived at EDR: 12/06/2007	Telephone: 703-412-9810
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/16/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/15/2009
	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: 03/25/2009	Source: EPA
Date Data Arrived at EDR: 04/02/2009	Telephone: 800-424-9346
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 06/01/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/31/2009
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Transporters, 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
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: 11/12/2008
Date Data Arrived at EDR: 11/18/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 118

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/23/2009
Next Scheduled EDR Contact: 07/20/2009
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: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/31/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/22/2009	Telephone: 703-603-0695
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 03/30/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/29/2009
	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: 12/31/2008	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/30/2009	Telephone: 202-267-2180
Date Made Active in Reports: 05/19/2009	Last EDR Contact: 05/12/2009
Number of Days to Update: 109	Next Scheduled EDR Contact: 07/20/2009
	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: 04/04/2008	Source: Department of Health
Date Data Arrived at EDR: 06/18/2008	Telephone: 808-586-4249
Date Made Active in Reports: 07/22/2008	Last EDR Contact: 03/20/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/15/2009
	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: 05/19/2004	Source: Department of Health
Date Data Arrived at EDR: 05/20/2004	Telephone: 808-586-4245
Date Made Active in Reports: 06/22/2004	Last EDR Contact: 05/22/2009
Number of Days to Update: 33	Next Scheduled EDR Contact: 07/20/2009
	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: 03/01/2009	Source: Department of Health
Date Data Arrived at EDR: 03/27/2009	Telephone: 808-586-4228
Date Made Active in Reports: 04/10/2009	Last EDR Contact: 03/24/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 04/01/2008	Source: EPA Region 7
Date Data Arrived at EDR: 12/03/2008	Telephone: 913-551-7003
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 05/20/2009
Number of Days to Update: 20	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

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

Date of Government Version: 03/03/2009	Source: EPA Region 10
Date Data Arrived at EDR: 03/04/2009	Telephone: 206-553-2857
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

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: 12/15/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

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: 03/13/2009	Source: EPA Region 8
Date Data Arrived at EDR: 03/17/2009	Telephone: 303-312-6271
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

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

Date of Government Version: 05/20/2009	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009	Telephone: 214-665-6597
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

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

Date of Government Version: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

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	Source: EPA Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2009	Source: Department of Health
Date Data Arrived at EDR: 03/27/2009	Telephone: 808-586-4228
Date Made Active in Reports: 04/10/2009	Last EDR Contact: 03/24/2009
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/22/2009
	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: 03/03/2009	Source: EPA Region 10
Date Data Arrived at EDR: 03/04/2009	Telephone: 206-553-2857
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/17/2009
	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: 12/15/2008	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2008	Telephone: 415-972-3368
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Quarterly

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: 03/13/2009	Source: EPA Region 8
Date Data Arrived at EDR: 03/17/2009	Telephone: 303-312-6137
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/17/2009
	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	Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008	Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/17/2009
	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: 05/20/2009	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009	Telephone: 214-665-7591
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 9	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/08/2008	Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008	Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008	Last EDR Contact: 05/17/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/17/2009
	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: 02/24/2009	Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/17/2009
	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	Source: EPA, Region 1
Date Data Arrived at EDR: 02/19/2009	Telephone: 617-918-1313
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 05/17/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/17/2009
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls

Voluntary Remediation Program and Brownfields sites with institutional controls in place.

Date of Government Version: 04/04/2008	Source: Department of Health
Date Data Arrived at EDR: 06/18/2008	Telephone: 808-586-4249
Date Made Active in Reports: 07/22/2008	Last EDR Contact: 03/20/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/15/2009
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	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	Source: EPA, Region 1
Date Data Arrived at EDR: 04/22/2008	Telephone: 617-918-1102
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/04/2008	Source: Department of Health
Date Data Arrived at EDR: 06/18/2008	Telephone: 808-586-4249
Date Made Active in Reports: 07/22/2008	Last EDR Contact: 03/20/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/15/2009
	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: 04/04/2008	Source: Department of Health
Date Data Arrived at EDR: 06/18/2008	Telephone: 808-586-4249
Date Made Active in Reports: 07/22/2008	Last EDR Contact: 03/20/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/15/2009
	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: 10/01/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/14/2008	Telephone: 202-566-2777
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 05/20/2009
Number of Days to Update: 39	Next Scheduled EDR Contact: 07/13/2009
	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: 03/25/2008	Source: EPA, Region 9
Date Data Arrived at EDR: 04/17/2008	Telephone: 415-972-3336
Date Made Active in Reports: 05/15/2008	Last EDR Contact: 04/07/2009
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/26/2009
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/24/2009
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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: 07/01/2008	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 10/31/2008	Telephone: 202-307-1000
Date Made Active in Reports: 12/23/2008	Last EDR Contact: 03/26/2009
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/22/2009
	Data Release Frequency: Quarterly

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: 02/06/2009	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/20/2009	Telephone: 202-564-6023
Date Made Active in Reports: 05/05/2009	Last EDR Contact: 05/18/2009
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/17/2009
	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	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 06/08/2009
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/07/2009
	Data Release Frequency: Varies

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/31/2009	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-366-4555
Date Made Active in Reports: 05/29/2009	Last EDR Contact: 04/16/2009
Number of Days to Update: 43	Next Scheduled EDR Contact: 07/13/2009
	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: 04/04/2008	Source: Department of Health
Date Data Arrived at EDR: 06/18/2008	Telephone: 808-586-4249
Date Made Active in Reports: 07/22/2008	Last EDR Contact: 03/20/2009
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/15/2009
	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: 11/12/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/18/2008	Telephone: (415) 495-8895
Date Made Active in Reports: 03/16/2009	Last EDR Contact: 04/23/2009
Number of Days to Update: 118	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/28/2008	Telephone: 202-366-4595
Date Made Active in Reports: 08/08/2008	Last EDR Contact: 05/27/2009
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/24/2009
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/08/2009
Number of Days to Update: 62	Next Scheduled EDR Contact: 08/03/2009
	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: 12/31/2007	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/05/2008	Telephone: 202-528-4285
Date Made Active in Reports: 09/23/2008	Last EDR Contact: 03/30/2009
Number of Days to Update: 18	Next Scheduled EDR Contact: 06/29/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/27/2009
Date Data Arrived at EDR: 04/23/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 18

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/21/2009
Next Scheduled EDR Contact: 07/20/2009
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: 04/23/2009
Date Data Arrived at EDR: 04/28/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
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: 03/16/2009
Next Scheduled EDR Contact: 06/15/2009
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: 02/19/2009
Date Data Arrived at EDR: 03/24/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/24/2009
Next Scheduled EDR Contact: 06/22/2009
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: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 04/09/2009
Next Scheduled EDR Contact: 06/15/2009
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: 04/14/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 03/16/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/15/2009
	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 03/16/2009
Number of Days to Update: 25	Next Scheduled EDR Contact: 06/15/2009
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 03/14/2008	Telephone: 202-564-4203
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 05/18/2009
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/13/2009
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/20/2009
Date Data Arrived at EDR: 03/20/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: 07/13/2009
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: 02/26/2009
Date Data Arrived at EDR: 05/20/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 9

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 05/04/2009
Next Scheduled EDR Contact: 08/03/2009
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: 04/02/2009
Date Data Arrived at EDR: 04/24/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 25

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
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: 04/28/2009
Date Data Arrived at EDR: 04/29/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/29/2009
Next Scheduled EDR Contact: 07/27/2009
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: 04/28/2009
Date Data Arrived at EDR: 05/01/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 18

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/30/2009
Next Scheduled EDR Contact: 06/29/2009
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/19/2009
Date Made Active in Reports: 05/22/2009
Number of Days to Update: 92

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Biennially

DRYCLEANERS: Permitted Drycleaner Facility Listing

A listing of permitted drycleaner facilities in the state.

Date of Government Version: 05/05/2009
Date Data Arrived at EDR: 05/06/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/27/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: Varies

AIRS: List of Permitted Facilities

A listing of permitted facilities in the state.

Date of Government Version: 05/05/2009
Date Data Arrived at EDR: 05/06/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 13

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 04/27/2009
Next Scheduled EDR Contact: 07/27/2009
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: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
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: 12/08/2008
Date Data Arrived at EDR: 12/09/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 97

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 06/08/2009
Next Scheduled EDR Contact: 08/10/2009
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administered lands of the United States. Lands included are administered 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/08/2009
Next Scheduled EDR Contact: 08/03/2009
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 1999 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2009 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix C
Site and User – Supplied Information

**Environmental
Resources
Management**

733 Bishop Street
Suite 1872
Honolulu, HI 96813
(808) 521-4404
(808) 521-4408 (fax)

27 May 2009

Attention: Freedom of Information Officer
U.S. Environmental Protection Agency
401 M Street, SW
Washington, DC 20460



Subject: Phase I & II Environmental Site Assessment

Aloha:

This letter is a request for information regarding any environmentally-related activities, including any incidents, issues, permits, or environmental records pertaining to the property described as follows:

Property Address: Waipahu Garden Center
Aniani Place
Waipahu, HI 96797

Tax Map Key (TMK): 9-4-010:029

Please respond in writing to the letterhead address above. Please contact me at (808) 521-4404, or by email at holly.dagostino@erm.com if you have any questions or require additional information. Thank you for your time and assistance.

Sincerely,

A handwritten signature in cursive script that reads "Holly D'Agostino".

Holly D'Agostino
Project Facilitator



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IX
75 Hawthorne Street (OPPA-2)
San Francisco, CA 94105

July 16, 2009

Ms. Holly D'Agostino
ERM
733 Bishop Street, Suite #1872
Honolulu, HI 96813

Re: Freedom of Information Act Request 09-RIN-00395-09

Dear Ms. D'Agostino:

This is in response to your Freedom of Information Act request of May 27, 2009 regarding Waipahu Garden Center, Waipahu, HI.

I wish to advise you that the Agency has no records responsive to your request. Under the FOIA, you have the right to appeal my no records determination to EPA, Office of Environmental Information, Records, Privacy, and FOIA Branch (2822T), 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. The appeal must be made in writing, and it must be received at this address no later than 30 calendar days from the date of this letter.

The Agency will not consider appeals received after the 30-day limit. The appeal may include as much or as little related information as you wish, as long as it clearly identifies the determination being appealed (including the assigned FOIA request number (09-RIN-00395-09). For quickest possible handling, the appeal letter and its envelope should be marked "Freedom of Information Act Appeal".

If you have any questions, please contact me, FOIA Officer at (415) 947-4251.

Sincerely,

Ivry I. Johnson
FOIA Officer
Office of Public Affairs

**Environmental
Resources
Management**

733 Bishop Street
Suite 1872
Honolulu, HI 96813
(808) 521-4404
(808) 521-4408 (fax)

28 May 2009

Robert Chun
Honolulu Board of Water Supply
630 South Beretania Street
Honolulu, HI 96813



Subject: Revised - Phase I Environmental Site Assessment

Aloha:

This letter is in lieu of the letter of request submitted to the Board of Water Supply by ERM on 27 May 2009.

ERM would like to request any information you may have regarding any abandoned or active deep wells and monitoring wells located at the property address listed below.

Property Address: Waipahu Garden Center
Aniani Place
Waipahu, HI 96797
Tax Map Key (TMK): 9-4-010:029

Please respond in writing to the letterhead address above. Feel free to contact me at (808) 521-4404, or by email at holly.dagostino@erm.com if you have any questions or require additional information. Thank you for your time and assistance.

Sincerely,

A handwritten signature in cursive script that reads "Holly D'Agostino".

Holly D'Agostino
Project Facilitator

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843



June 5, 2009

MUFI HANNEMANN, Mayor

RANDALL Y. S. CHUNG, Chairman
SAMUEL T. HATA
ALLY J. PARK
ROBERT K. CUNDIFF
WILLIAM K. MAHOE

JEFFREY S. CUDIAMAT, Ex-Officio
BRENNON T. MORIOKA, Ex-Officio

WAYNE M. HASHIRO, P.E.
Manager and Chief Engineer

DEAN A. NAKANO
Deputy Manager and Chief Engineer

Ms. Holly D'Agostino
Environmental Resources Management
733 Bishop Street, Suite 1872
Honolulu, Hawaii 96813

Dear Ms. D'Agostino:

Subject: Your Letter Dated May 28, 2009 Regarding Abandoned or Active Deep Wells and Monitoring Wells at the Waipahu Garden Center, TMK: 9-4-10: 29

Thank you for the opportunity to comment on the above subject at the Waipahu Garden Center site.

There are no wells on this parcel. For your information, the adjacent parcel TMK: 9-4-010: 041 had a well (Well number 2301-33) that was sealed and formerly been used by the Oahu Sugar Company.

If you have any questions, please contact Robert Chun at 748-5443.

Very truly yours,

KEITH S. SHIDA
Program Administrator
Customer Care Division

REQUEST TO ACCESS A GOVERNMENT RECORD

DATE: 5/27/09

TO: Hazard Evaluation + Emergency Response Office

FROM: Holly DAgostino, ERM-West, Inc.
Name or Alias
733 Bishop St, Suite 1872, Honolulu, HI 96813
Contact Information
(p) 521-4404 (f) 521-4408 (email) holly.dagostino@erm.com

Although you are not required to provide any personal information, you should provide enough information to allow the agency to contact you about this request. The processing of this request may be stopped if the agency is unable to contact you. Therefore, please provide any information that will allow the agency to contact you (name or alias, telephone or fax number, mailing address, e-mail address, etc.).

I WOULD LIKE THE FOLLOWING GOVERNMENT RECORD:

Describe the government record as specifically as possible so that it can be located. Try to provide a record name, subject matter, date, location, purpose, or names of persons to whom the record refers, or other information that could help the agency identify the record. A complete and accurate description of the government record you request will prevent delays in locating the record. Attach a second page if needed.

Any Environmental records pertaining to the following site :

Waipahu Garden Center (and surrounding property)

Address: Aniani Place, Waipahu

TMK: 9-4-010-029

Owner: C&C of Honolulu

Please call for further questions.

MAHALO!

I WOULD LIKE: (please check one or more of the options below)

- To inspect the government record.
- A copy of the government record: (Please check one of the options below.) See the back of this page for information about fees that you may be required to pay for agency services to process your record request. Note: Copying and transmission charges may also apply to certain options.
 - Pick up at agency (date and time): _____
 - Mail
 - Fax (toll free and only if available)
 - Other, if available (please specify): _____
- If the agency maintains the records in a form other than paper, please advise in which format you would prefer to have the record.
 - Electronic Audio Other (please specify): _____
- Check this box if you are attaching a request for waiver of fees in the public interest (see waiver information on back).

SEE BACK FOR IMPORTANT INFORMATION

F A X E D
MAY 27 2009

[Signature]

REQUEST TO ACCESS A GOVERNMENT RECORD

DATE: 5/27/09

TO: DOH Solid & Hazardous Waste Branch

FROM: Holly D'Agostino, ERM-West, Inc.
Name or Alias
733 Bishop St, Suite 1872, Honolulu, HI 96813
Contact Information
(p) 521-4464 (f) 521-4408 (email) holly.dagostino@erm.com

Although you are not required to provide any personal information, you should provide enough information to allow the agency to contact you about this request. The processing of this request may be stopped if the agency is unable to contact you. Therefore, please provide any information that will allow the agency to contact you (name or alias, telephone or fax number, mailing address, e-mail address, etc.).

I WOULD LIKE THE FOLLOWING GOVERNMENT RECORD:

Describe the government record as specifically as possible so that it can be located. Try to provide a record name, subject matter, date, location, purpose, or names of persons to whom the record refers, or other information that could help the agency identify the record. A complete and accurate description of the government record you request will prevent delays in locating the record. Attach a second page if needed.

Any environmental records pertaining to the following site:
 Waipahu Garden Center (and surrounding property)

Address: Antani Place, Waipahu
 TMK: 9-4-010:029
 Owner: C&C of Honolulu

Please call for further questions.
MAHALO!

I WOULD LIKE: (please check one or more of the options below)

- To inspect the government record.
- A copy of the government record: (Please check one of the options below.) See the back of this page for information about fees that you may be required to pay for agency services to process your record request. Note: Copying and transmission charges may also apply to certain options.
 - Pick up at agency (date and time): _____
 - Mail
 - Fax (toll free and only if available)
 - Other, if available (please specify): _____
- If the agency maintains the records in a form other than paper, please advise in which format you would prefer to have the record.
 - Electronic Audio Other (please specify): _____
- Check this box if you are attaching a request for waiver of fees in the public interest (see waiver information on back).

SEE BACK FOR IMPORTANT INFORMATION

F A X E D
 MAY 27 2009

Uhd

**Environmental
Resources
Management**

733 Bishop Street
Suite 1872
Honolulu, HI 96813
(808) 521-4404
(808) 521-4408 (fax)

27 May 2009

Attention: Fire Chief
Honolulu Fire Department
636 South Street
Honolulu, HI 96813



Subject: Phase I & II Environmental Site Assessment

Aloha:

This letter is a request for information regarding any environmentally-related activities, including any incidents, issues, permits, or environmental records pertaining to the property described as follows:

Property Address: Waipahu Garden Center
Aniani Place
Waipahu, HI 96797

Tax Map Key (TMK): 9-4-010:029

Please respond in writing to the letterhead address above. Feel free to contact me at (808) 521-4404, or by email at holly.dagostino@erm.com if you have any questions or require additional information. Thank you for your time and assistance.

Sincerely,

A handwritten signature in cursive script that reads "Holly D'Agostino".

Holly D'Agostino
Project Facilitator

cc: Sheryl Nakama



**STATE OF HAWAII
DEPARTMENT OF HEALTH**

**HAZARD EVALUATION AND EMERGENCY RESPONSE
OFFICE**

DATE: June 3, 2009

NO. OF PAGES: 3
(Includes Cover Sheet)

TO: Holly Dagostino

COMPANY: ERM-West Inc.

TELEPHONE: (808) 521-4404 FAX: (808) 521-4408

FROM: Buppa Bennett

TELEPHONE: (808) 586-4249 FAX: (808) 586-7537

SUBJECT: Request for Government Record

Attached please find the Release Notification for 94-203 Aniani PI for your info. There are no records found regarding Waipahu Garden Center at HEER Office.

Please let me know if you have any questions.

Regards,
Buppa

Sitelist Information

01-Jun-09

Section: Single

Island: Oahu

Area-wide Name:

Institutional Controls relied on in the Remedy:

Type:

File Under:

Facility/Site Name: 94-203 Aniani Place, abandoned drum

Facility:

Site:

Location Address Line 1: 94-203 Aniani Pl

Location State USPS Code: HI

Location Address Line 2:

Location Zip Code: 96797 -

Locality Name: Waipahu

Supplemental Location Text:

Sitelist Name:

Federal ID:

SDAR Receipt:

SDAR NFA:

TMKs

Status

Documents

Cost Recovery

Site Code:

Sitelist Status Reports

Affiliations

Index

EP&R 19980320-1003 94-203 Aniani Pl, abandoned drum

Historical Information as of 11/2008

Activity History

Contaminant Narratives

Restricted Use:

Comments on Restricted Use:

IC Relied on in Remedy:

Release Notification

01-Jun-09

Case No:

19980320-1003

Release Name: 94-203 Aniani Pl, abandoned drum

Filing Information:

Section: Single
 Island: Oahu
 Areawide Name:
 Type:
 File Under:
 Facility/Site Name: 94-203 Aniani Place, abandoned drum
 Facility:
 Site:

	Facility/Site	Reported
Line One:	94-203 Aniani Pl	
Line Two:		
City:	Waipahu	
Zip Code:	96797	
Supplemental:		
Island:	Oahu	

Substances Involved

1 Barrels

Media: Soil

Uniform Hazardous Waste Manifest Number:

Associated NRC #:

Notification

Does this release exceed the RQ and qualify as a release to the environment? Yes
 Is this fugitive dumping or can a PRP be identified for purposes of followup? Fugitive
 Is the reporter calling for the RP? No
 Was initial notification given immediately following discovery of the incident?
 Date of the Written Followup:
 Will this require follow up for notification? Initial: Written:

Reported By

Reporter's Name: resident
 Reporter's Affiliation:

Release Date:

Release Time:

Duration:

ER:

Activity History

Notices

Response	3/20/1998 Terry Corpus	SOSC NFA
----------	------------------------	----------

Release Comments

3/20/1998 A barrel with no lid and a chemical odor has been discovered.

USER QUESTIONNAIRE FOR PHASE I ADDITIONAL INQUIRIES

To: HOLLY D'AGOSTINO From: DEXAR LAM
At: ERM At: DPR
Fax: 521-4408 Pages: 4
Phone: _____ Date: 7/11/09
Site Name: WAIPAHU CULTURAL GARDEN PARK
Address: 94-695 WAIPAHU ST. WAIPAHU 171 96797

The person who will use the Phase I must perform the additional inquiries set forth below, and/or have ERM perform them, to satisfy the standards for conducting all appropriate inquiry pursuant to 40 C.F.R. Part 312. Failure to perform or have the additional inquiries performed will disqualify the User from the innocent landowner, contiguous owner and prospective purchaser defenses under CERCLA. If you choose to perform the inquiry, you have the choice of providing the information obtained from the inquiry to ERM. If you choose not to provide the information to ERM or fail to perform the additional inquiry, ERM will identify the lack of that information as a data gap in the Phase I report.

Please fill in the form below to identify whether you have performed the additional inquiry, whether you will share that information with ERM or whether you request ERM to perform the additional inquiry.

1. Environmental Cleanup Liens.

Have you searched for the existence of environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state or local law? Yes No

If yes, do you want to share that information with ERM? Yes No

If yes, please provide the results of the search on a separate page.

If no, do you want ERM to perform the search? Yes No

Have you retained the results of this search in your records? Yes No

2. Specialized Knowledge.

Do you have any specialized knowledge of the subject property, the conditions of adjoining properties, and any other experience relevant to the inquiry for purposes of identifying conditions indicative of releases or threatened releases at the subject property. Yes No

If yes, do you want to share that information with ERM? Yes No

If yes, please describe that specialized knowledge on a separate page.

Have you documented that specialized knowledge in your records? Yes No

3. Relationship of Purchase Price to Fair Market Value

Do you know the relationship of the purchase price of the subject property to the value of the property if uncontaminated? Yes No

If yes, do you want to share that information with ERM? Yes No

If yes, on a separate page please document the information you considered, whether there is a difference in price, and if so, whether the difference in price is due to the presence of releases or threatened releases on the subject property.

Have you documented this inquiry in your records? Yes No

4. Commonly Known or Reasonably Ascertainable Information

Have you taken into account commonly known or reasonably ascertainable information within the local community about the subject property? Yes No

If yes, do you want to share that information with ERM? Yes No

If yes, on a separate page please describe that commonly known or reasonably ascertainable information.

Have you documented that information in your records? Yes No

Please note that ERM has an independent obligation to perform this additional inquiry.

5. Degree of Obviousness and Ability to Detect Contamination

Have you considered the information gathered in performing all appropriate inquiry in considering the degree of obviousness and ability to detect contamination at the subject property? Yes No

If yes, do you want to share that information with ERM? Yes No

If yes, on a separate page, describe what information you took into account regarding the degree of obviousness and ability to detect contamination.

Have you documented that information in your records? Yes No

Please note that ERM has an independent obligation to perform this additional inquiry.


Your Signature

9/11/09
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

URGENT and CONFIDENTIAL

FAX BACK TO 808-521-4408

ENVIRONMENTAL QUESTIONNAIRE

AS REQUIRED by ASTM Standard E1527-05

To: HOLLY D. AGOSTINO From: DENTEL LMI
 At: ERM At: DPR
 Fax: 521-4408 Pages: 4
 Phone: _____ Date: 8/11/05

Site Name: WAIPAHU CULTURAL GARDEN PARK
 Address: 24-695 WAIPAHU ST. WAIPAHU HI 9077

The Site Owner and Key Site Manager should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Please provide the completed question prior to the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy.

Have you checked for these environmental cleanup liens? Yes No
Are you aware of any such liens against the subject property? Yes No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site? Yes No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? Yes No

4. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site? Yes No

5. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: AGRICULTURE / PARK

b. Describe any specific chemicals that may have been present at the property: UNAWARE

c. Describe any historical releases, leaking tanks, hazardous material responses, flooding, or fires at the subject property:

FLOODING 2005, 2008

d. Describe any other information that may help us identify possible contamination: NONE

6. **Previous Owners/Occupants of the Property.** Please list previous owners, operators, and/or occupants and their contact information, if available.

FRIENDS OF WAIPAHU CULTURAL GARDEN - 677-0110

CLIFFORD WONG (TENANT)

239-9010

7. Historical USTs at the Property.

Have there been any USTs at the property in the past?

Yes No

8. Historical Water Use Wells at the Property.

Have there been groundwater monitoring wells or water use wells at the Property?

Yes No

9. Artificial fill or dumping at the Property.

Has artificial fill or dumping taken place at the property?

Yes No

10. Historical Utilities at the Property.

Have utilities changed at the property (i.e. septic system or private well)?

Yes No

[Signature]
Your Signature

9/11/09
Date

of separate sheets attached: _____
Explain Yes answers on a separate sheet.

Appendix D
Topographic Maps, Sanborn Maps,
Government Records

SOURCE:		LOC. & TITLE:		1959		DIV.	
		Waipahu					
BY: jy/wd		DATE: 9/9/59		DEED. ETC.:		TMB NO.	
				LCAD 1008 + LC Adv. 1013		9 4 10 29	
NO.	GRANTOR, ETC.	AREA OF PARCEL	GRANTEE, ETC.				
6.	As shown on Tax Maps	1.31 Ac.	City & County of Honolulu				
7.	TMB M-226159 ^{6/9} jy/wd 9/9/59 R/S: Area revised to 1.575 Ac. & designated as PARCEL 6, Waipahu Flood Control Sec. B. F/D: 9410-29; area, etc.	1.575 Ac.	ditto				
8.	TMB 3893164 (9410-28 etc) JT/sy 6/3/64 JDGMT & F/O/C: D.093 Ac From 9410-28(3) 5.383 Ac From 9410-33(3) Oahu Sugar Co Ltd, Civ 4679, 1st Cir To: City & County of Hon Bk 4738 p 22-35 C-330158 C-96861 Cons-\$65,445.00 3/31/64 4/28/64 F/D: 9410-29; Area, bdry	7.051 Ac	do				
9.	TMB 13018169 (9410-29) JT/sy 7/2/69 R/S: 15,510 $\frac{1}{2}$ or 0.356 Ac From 9410-26(9) 1,693 $\frac{1}{2}$ or 0.039 Ac From 9410-96(3) F/D: 9410-29; Area, bdry	7.446 Ac	do				
10	TMB 16506169 (9410-27 etc) JT/yc 9/26/69 Lis/P: C & C of Hon, Civ 28649, 1st Cir VS Mary K H Robinson etal Bk 6637 p 112 7/7/69 8/8/69 DES (PAR 10) PAHU ST SEWERS F/D: 9410-29; Lis/P over 395 $\frac{1}{2}$, KEYED ONLY SEE COMPUTER	do	do				
NOTE: LAST AREA & GRANTEE FINAL DATA AS SHOWN ON TAX MAPS.							

TERRITORY OF HAWAII
 TAX COMMISSIONER
 TAXATION MAPS BUREAU

MAP NO. 5 STATE HISTORICAL & RECREATION DEPT.

TERRITORY OF HAWAII
 LAND COMMISSIONER
 REGISTRATION BUREAU

SOURCE:		LOC. & TITLE:		DIV.	
		L C Aws 1013:1 and 1008			
BY: amy	DATE 1/26/53	DEED, ETC.	TMB NO.	1952	9 4 10 29
NO	GRANTOR, ETC	AREA OF PARCEL	GRANTEE, ETC		
1	As shown on Tax Map:	1.42 ac	to: Kapeka Baker		
2	TMB 9293 '52 1606-37 amy Prob #17379: Kapeka Kauhane Baker 1st Jud Cir Died 10/21/52 Pet 11/7/52 1954	1.42 ac	to: Kapeka Baker Estate		
3	TMB #3888 '54 (ref.-9401-1) PDK F/O/D: Est. of Kapeka Kauhane Baker, dec'd. to: Libbie K. Kalima, L-2029, P-352, Prob- 17379, 1st Cir. 4/26/54, rec. 6/4/54 F/D: 9410-29, ownership, int, & name, 11/9/54	1.42 ac.	Libbie K. Kalima		
4	TMB 8138 '55, LM, 11/8/55 L: Kapeka Baker to: Florentino P Javier Bk 302 p 399 Term: bg 6/1/51 to 9/30/58 Rent: \$144./ann 6/7/51 10/18/55	1.42 ac	- do - (Florentino P Javier)- la unmar'd		
5	TMB 5995 '58 PK/yo 11/20/58 D: Libbie K Kalima Bk 3471 p 454 Cons \$17,192 RS \$19,25				
6	TMB 5995 '58 PK/Sin 11/26/58 Dr Libbie K Kalima; Florentino Javier-le Bk 3471 p 454 Cons \$17,192 Cons \$19,25 7/25/58 8/15/58 F/D: 9410-29; area (revised) & ownership	1.31 ac	To: City & County of Honolulu		

NOTE: LAST AREA & GRANTEE FINAL DATA AS SHOWN ON TAX MAPS.

SOURCE	T/O Landgraf	LOCATION	Ewa	FIRST DIVISION				
BY	CCW	DATE	7/2/40	2396	ZONE	SEC	PLAT	PARCEL
					9	4	10	33

ROUTE SLIP

Drop Parcels 30, 31, 34 & 58 into Parcel 33.

Parcel 33, area 1.273 Ac
 " 30, " .56 "
 " 31, " 2.42 "
 " 34, " .185 "
 " 58, " .80 "

New area - 5.238 Ac

TAX MAPS	
TAX OFFICE	
TRACING	
ROUTE SLIP	<input checked="" type="checkbox"/>
SKETCH	<input checked="" type="checkbox"/>
ADJOINING PARCELS	<input checked="" type="checkbox"/>
F.B. LEDGER	
RETURN PLATE	

FORMER KEY				CHANGE	FINAL DATA AS SHOWN ON TAX MAPS AS OF 7/2/40				OWNER	INT.	
ZONE	SEC.	PLAT	PARCEL	Area	ZONE	SEC.	PLAT	PARCEL	AREA		
				Area	9	4	10	33	5.238 ac	Oahu Sugar Co.	

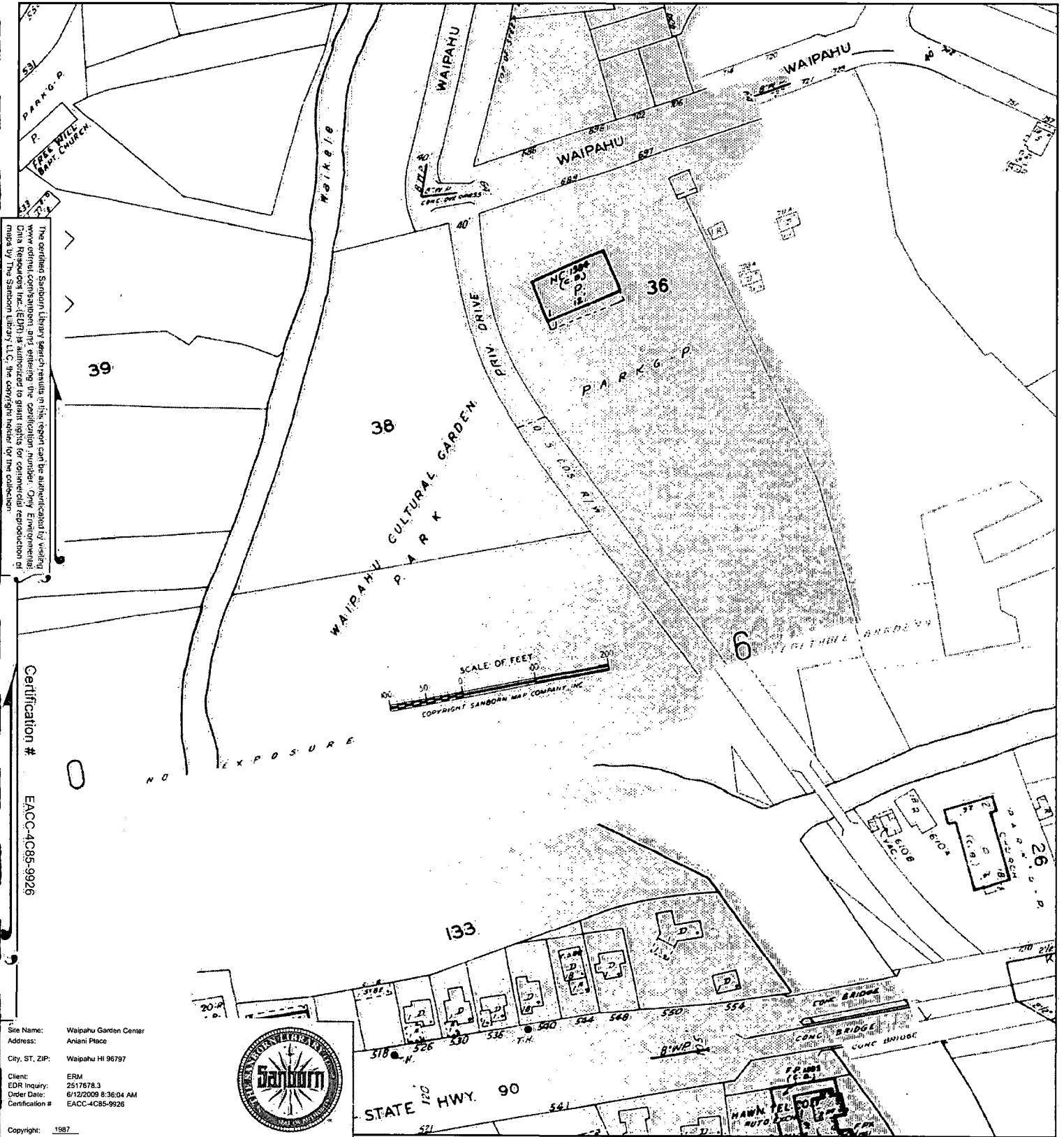
SOURCE Record		LOCATION Waialeale, Ewa, Oahu				DIVISION				
BY Bayless		DATE Dec. 21, 1940		5701V		ZONE	SEC	PLAT	PARCEL	
						9	4	10	33	
Inst. 32982 Bk. 1598 pp 464 Con. \$500 R.S. \$55 Date: Oct. 28, 1940 Rec. Nov. 14, 1940					- D E E D - 1940 Adeline Wassman; Flora Burrell; to Oahu Sugar Co. Ltd. Elsie Loveland & Mabel R. Pao.					
TAX MAPS					All their right, title and int. in and to L.C.Aw. 1016. Area 0.54 acre.					
TAX OFFICE										
TRACING										
ROUTE SLIP										
SKETCH										
ADJOINING PARCELS										
F.B. LEDGER										
RETURN PLATE										
FORMER KEY				CHANGE		FINAL DATA AS SHOWN ON TAX MAPS AS OF 12/23/40				
ZONE	SEC.	PLAT	PARCEL	ZONE	SEC.	PLAT	PARCEL	AREA	OWNER	INT.
				Area	9	4	10	33	5.778 Ac	Oahu Sugar Co Ltd
9	4	10	32	Dropped into				33		

Note: - the grantors are the heirs of Kawaineailaau (w), Eq.No. 4076.

SOURCE <u>T.M.B.</u>		LOCATION		FIRST DIVISION						
BY <u>D.S.C.</u>	DATE <u>9/9/39</u>	<u>4766</u> <u>R/S</u>		ZONE	SEC.	PLAT	PARCEL			
				<u>9</u>	<u>4</u>	<u>10</u>	<u>53</u>			
<p>Put in Sub Areas from D.S.C. classification return.</p> <p>LCAN 6025 -- (1.092 ac) For: LCAN 9384B:1 -- (.181 ac) <u>1.273 ac.</u></p>										
<input checked="" type="checkbox"/> TAX MAPS <input checked="" type="checkbox"/> TAX OFFICE <input checked="" type="checkbox"/> TRACING <input checked="" type="checkbox"/> ROUTE SLIP <input checked="" type="checkbox"/> SKETCH <input checked="" type="checkbox"/> ADJOINING PARCELS <input type="checkbox"/> F.B. LEDGER <input type="checkbox"/> RETURN PLATE										
FORMER KEY		CHANGE		FINAL DATA AS SHOWN ON TAX MAPS AS OF						
ZONE	SEC.	PLAT	PARCEL	ZONE	SEC.	PLAT	PARCEL	AREA	OWNER	INT.

9/9/39

1987 Certified Sanborn Map



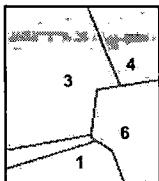
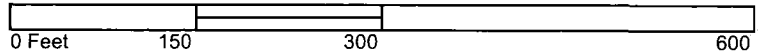
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com, entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # EACC-4C85-9926

Site Name: Waipahu Garden Center
 Address: Aniani Place
 City, ST, ZIP: Waipahu HI 96797
 Client: ERM
 EDR Inquiry: 2517678.3
 Order Date: 6/12/2009 8:36:04 AM
 Certification # EACC-4C85-9926



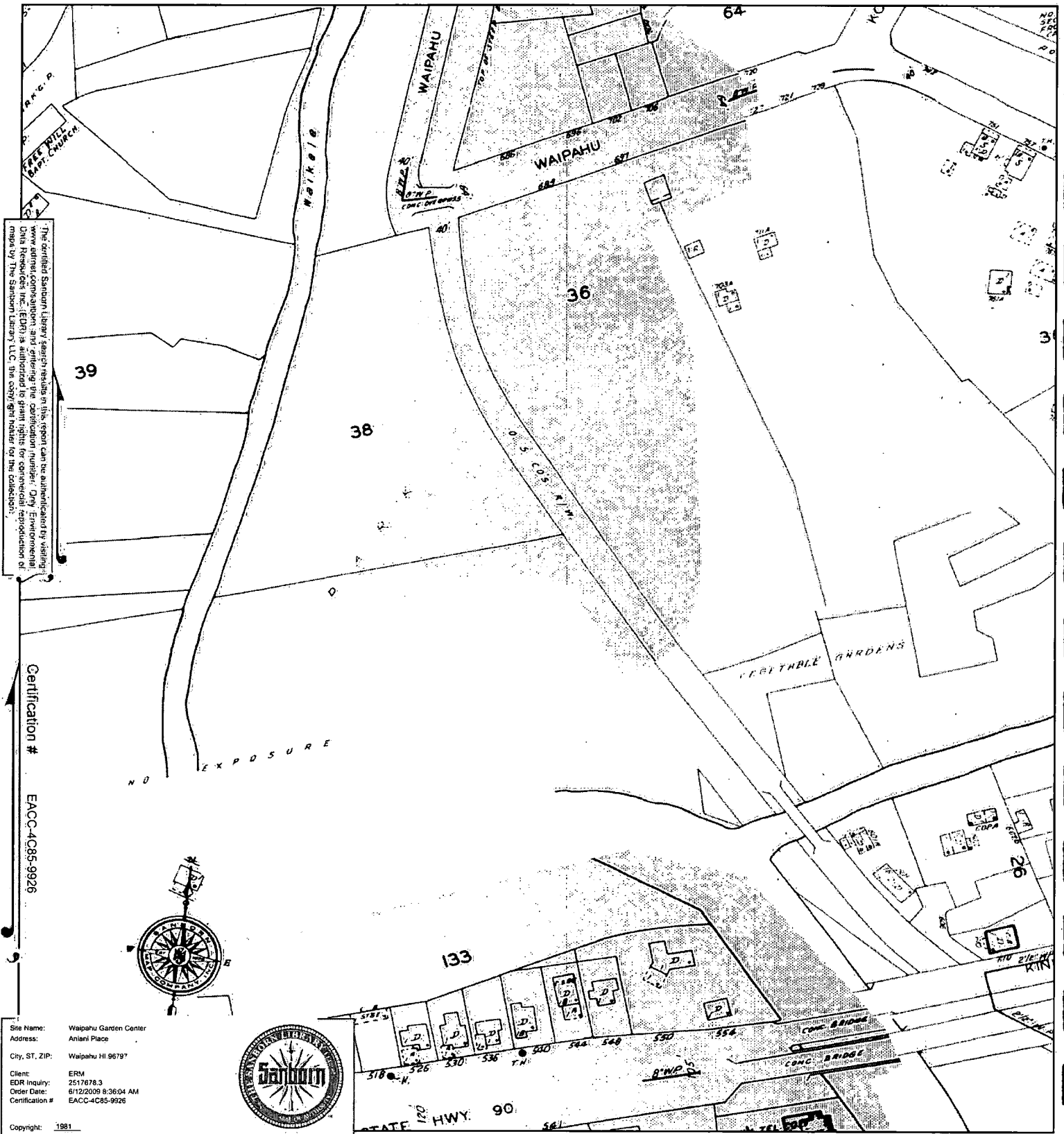
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 1, Sheet 1
- Volume 1, Sheet 3
- Volume 1, Sheet 4
- Volume 1, Sheet 6



1981 Certified Sanborn Map



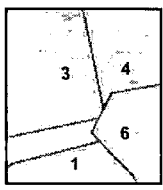
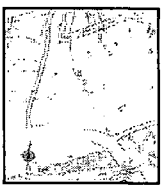
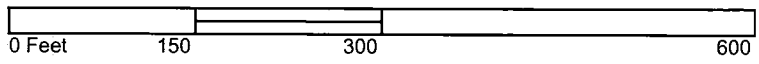
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com, and referring to the certification number. Only Environmental Data Resources, Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC, the copyright holder for the collection.

Certification # EACC-4C85-9926

Site Name: Waipahu Garden Center
 Address: Aniani Place
 City, ST, ZIP: Waipahu HI 96797
 Client: ERM
 EDR Inquiry: 2517678.3
 Order Date: 6/12/2009 8:36:04 AM
 Certification # EACC-4C85-9926



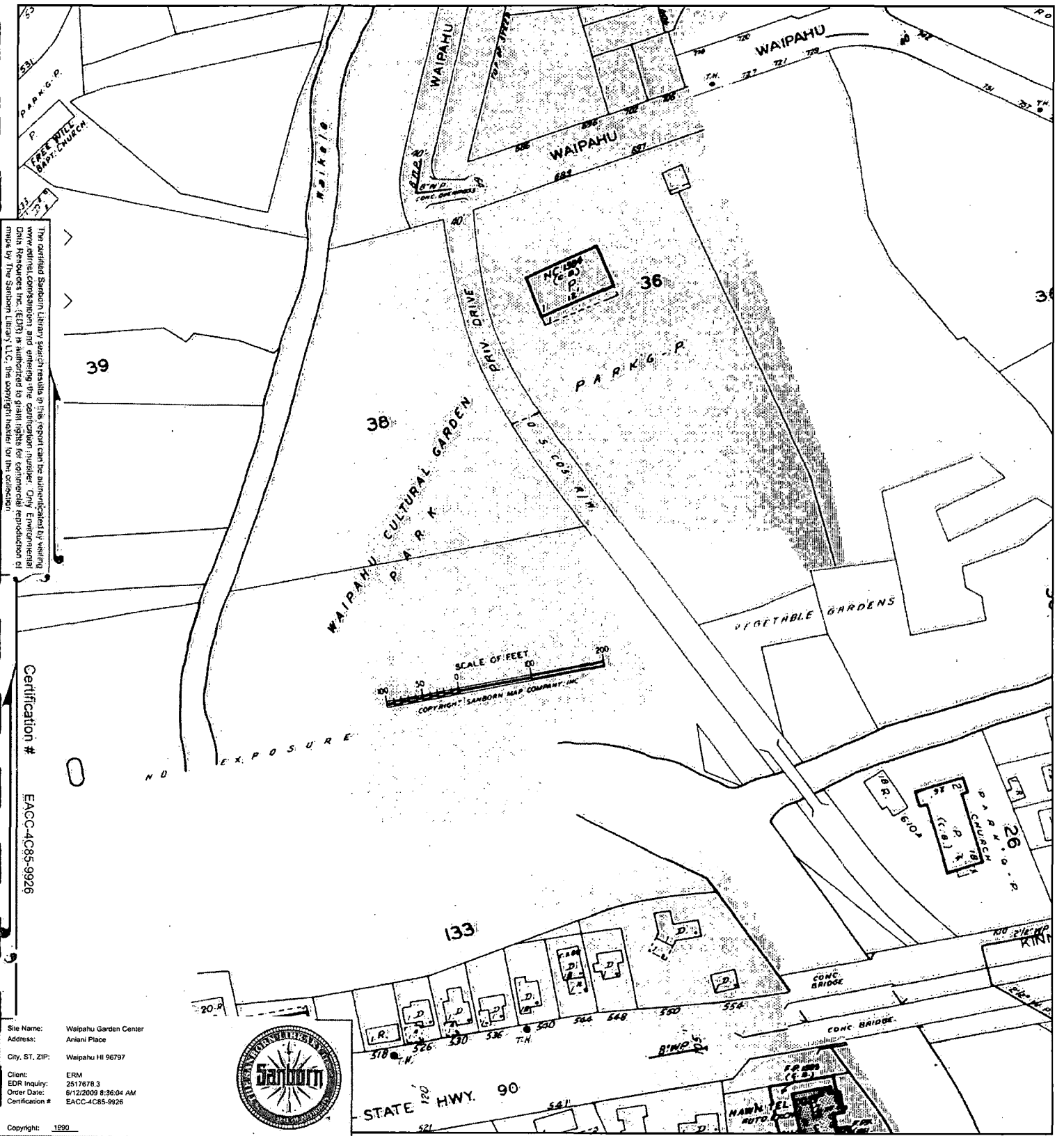
This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 1, Sheet 1
- Volume 1, Sheet 3
- Volume 1, Sheet 4
- Volume 1, Sheet 6



1990 Certified Sanborn Map



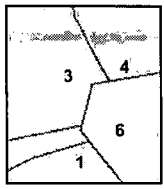
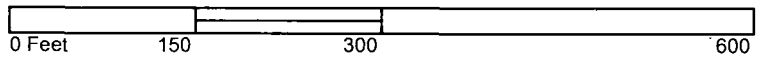
The certified Sanborn Library search results in this report can be authenticated by visiting www.edri.com and entering the certification number. Only Environmental Data Resources Inc. (EDRI) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library, LLC. The copyright holder for the collection.

Certification # EACC-4C85-9926

Site Name: Waipahu Garden Center
 Address: Aniani Place
 City, ST, ZIP: Waipahu HI 96797
 Client: ERM
 EDR Inquiry: 2517678.3
 Order Date: 6/12/2009 8:36:04 AM
 Certification # EACC-4C85-9926



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).



- Volume 1, Sheet 1
- Volume 1, Sheet 3
- Volume 1, Sheet 4
- Volume 1, Sheet 6



Waipahu Garden Center

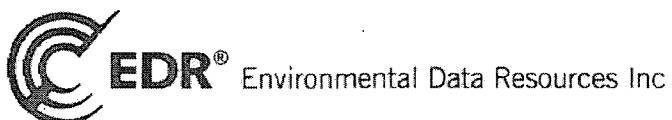
Aniani Place

Waipahu, HI 96797

Inquiry Number: 2517678.3

June 12, 2009

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

6/12/09

Site Name:

Waipahu Garden Center
Aniani Place
Waipahu, HI 96797

Client Name:

ERM
733 Bishop Street
Honolulu, HI 96813



EDR Inquiry # 2517678.3

Contact: Holly DAgostino

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by ERM were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Waipahu Garden Center
Address: Aniani Place
City, State, Zip: Waipahu, HI 96797
Cross Street:
P.O. # NA
Project: 0066232
Certification # EACC-4C85-9926



Sanborn® Library search results
Certification # EACC-4C85-9926

Maps Provided:

1991
1990
1987
1981
1957

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

Limited Permission To Make Copies

ERM (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2009 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Certified Sanborn® Map Report Enhancements for 2009

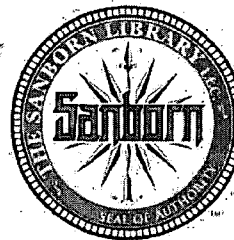
The accompanying Certified Sanborn Map Report reflects a number of enhancements that make it easier for you to review these historical maps. EDR has digitally joined together the more than one million fire insurance maps from the Sanborn Library collection so that your target property is centered, making it easier for you to review adjoining properties. Here is a list of the new features:

- Your target property is centered on each map. You can quickly locate your target property and view adjoining properties. Plus, adjoining properties are included more often, reducing your need to refer to additional maps.
- All maps are now displayed at a uniform scale. This makes it easier for you to view changes to the property over time.
- We've increased coverage by adding thousands of new maps from 40 cities for years 1994-2007.
- A new Map Key and Sheet Thumbnails let you reference sheet numbers, year and volume of original Sanborn Map panels used for this report.

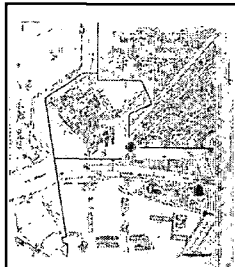
For more information about the new enhancements to the Certified Sanborn Map Report, contact your EDR representative at 800-352-0050.

Sanborn Sheet Thumbnails

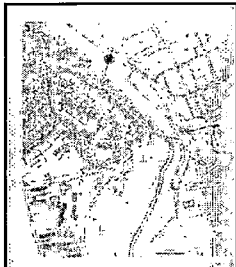
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1991 Source Sheets



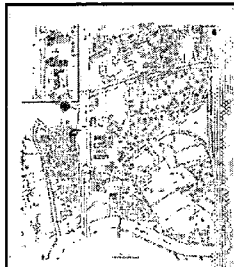
Volume 1, Sheet 1



Volume 1, Sheet 3

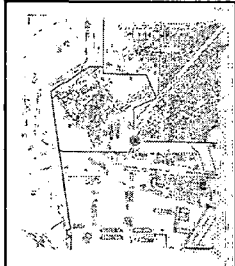


Volume 1, Sheet 4

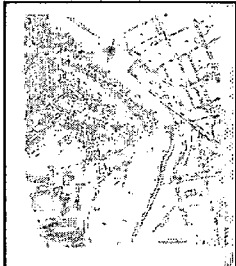


Volume 1, Sheet 6

1990 Source Sheets



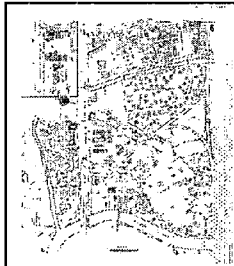
Volume 1, Sheet 1



Volume 1, Sheet 3

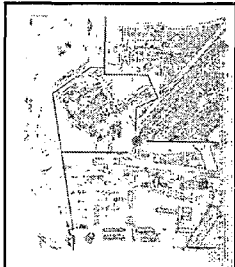


Volume 1, Sheet 4

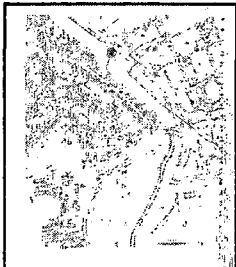


Volume 1, Sheet 6

1987 Source Sheets



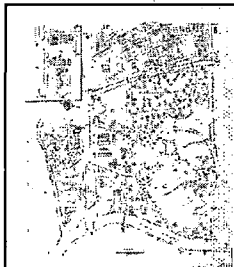
Volume 1, Sheet 1



Volume 1, Sheet 3

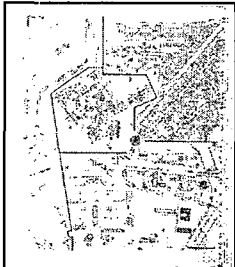


Volume 1, Sheet 4

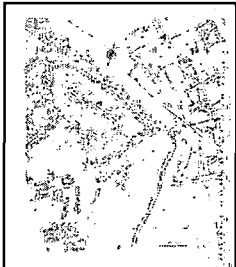


Volume 1, Sheet 6

1981 Source Sheets



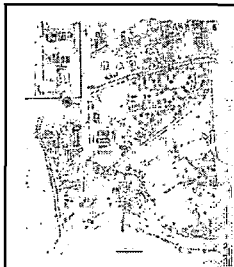
Volume 1, Sheet 1



Volume 1, Sheet 3

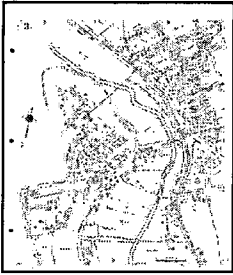


Volume 1, Sheet 4



Volume 1, Sheet 6

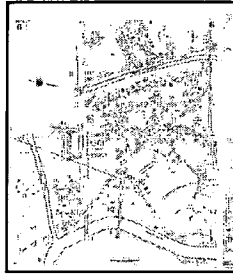
1957 Source Sheets



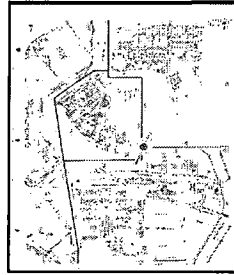
Volume 1, Sheet 3



Volume 1, Sheet 4

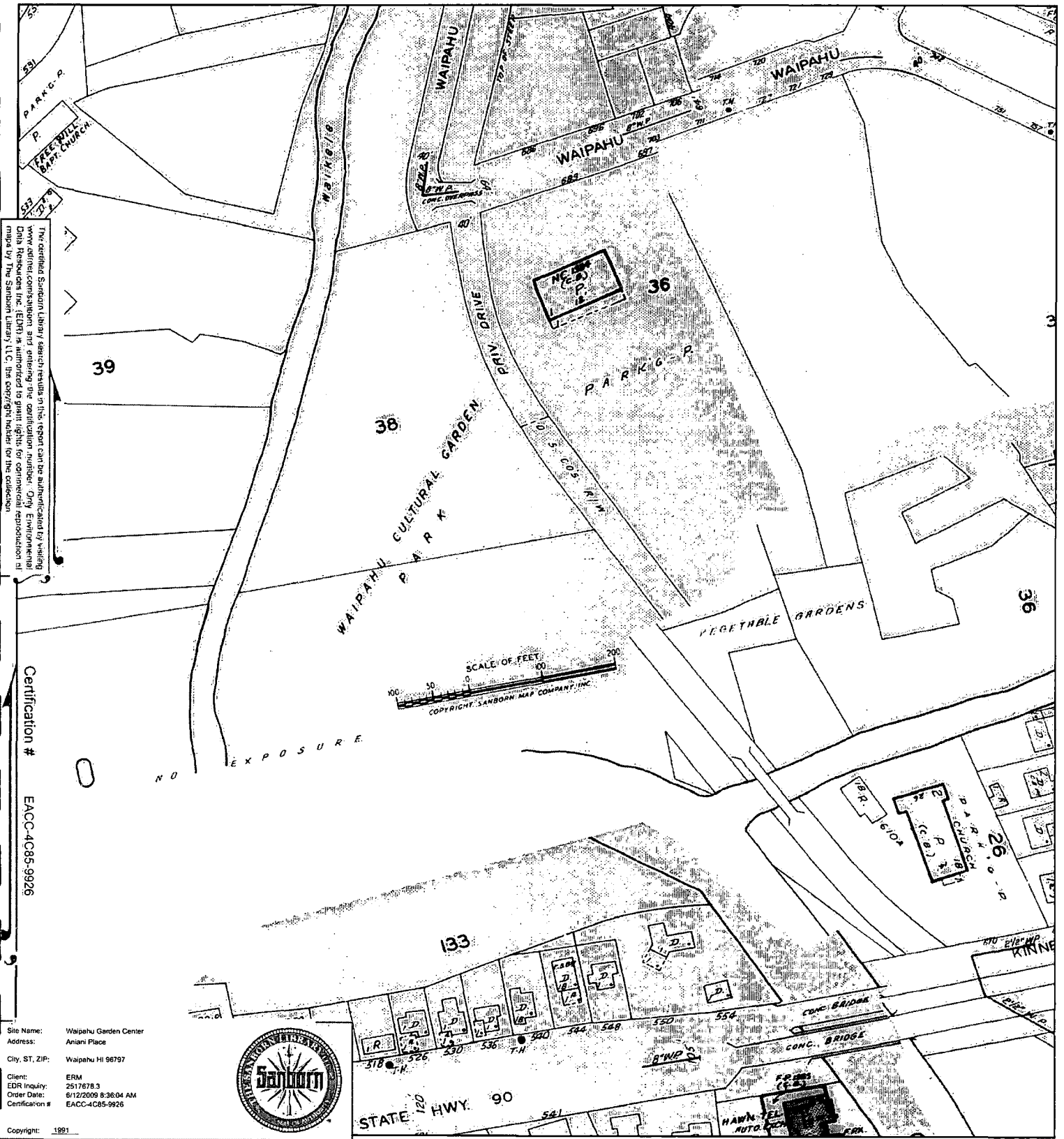


Volume 1, Sheet 6



Volume 1, Sheet 7

1991 Certified Sanborn Map



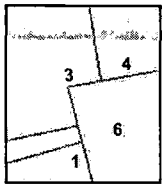
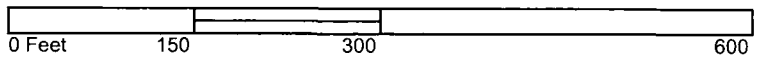
The certified Sanborn Library search results in this report can be authenticated by visiting www.edr.com and entering the certification number. Only Environmental Data Resources Inc. (EDRI) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC. The copyright holder for the collection.

Certification # EACC-4C85-9926

Site Name: Waipahu Garden Center
 Address: Aniani Place
 City, ST, ZIP: Waipahu HI 96797
 Client: ERM
 EDR Inquiry: 2517678.3
 Order Date: 6/12/2009 8:36:04 AM
 Certification # EACC-4C85-9926



This Certified Sanborn Map combines the following sheets (thumbnails on page 3).

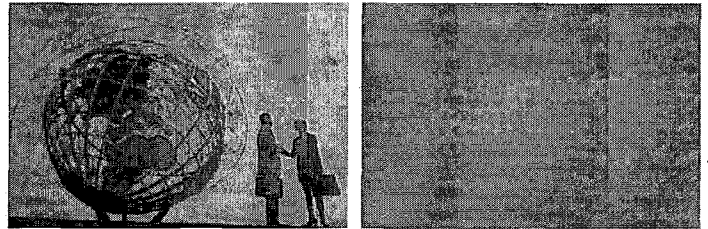


- Volume 1, Sheet 1
- Volume 1, Sheet 3
- Volume 1, Sheet 4
- Volume 1, Sheet 6



Appendix E
Professional Profiles

Rob Dyer



Rob Dyer is a Project Engineer with 6 years of experience in the environmental consulting field, with an emphasis on site investigation and remediation. His experience includes management of investigation and remediation projects, ground water sampling and monitoring programs, soil and ground water investigations, and remediation system design, operation, and maintenance.

Mr. Dyer has considerable remediation experience and has overseen the design, construction, operation, and optimization of many remediation programs. He has worked on environmental investigation and remediation projects involving various chemicals of concern, including volatile organic compounds (VOCs), chlorinated VOCs, semi volatile organic compounds, total petroleum hydrocarbons, PCBs, and metals. As a result, he has gained experience developing work plans and feasibility studies, implementing pilot studies, performing construction oversight, and overseeing the design, construction, operation and maintenance, and optimization of remediation systems.

Mr. Dyer's responsibilities have included authoring and implementing site-specific sampling and analysis plans and work plans; evaluating site investigation data to address site remediation, natural attenuation evaluation, and regulatory compliance; and conducting remediation and treatment system design, operations and maintenance. Additional experience includes final document preparation remedial investigation (RI) reports, feasibility study (FS) reports, quarterly monitoring reports, and health and safety plans. He has also been responsible for coordinating contractors, equipment, and personnel for site investigation, monitoring, and remediation activities.

Professional Affiliations & Registrations

- Engineer-in-Training, Nevada (#OT3962)

Fields of Competence

- Remediation system design, installation, operation, maintenance, and optimization
- Construction oversight
- Hazardous waste, soil, and ground water investigations
- Feasibility Study/Remedial Action Plan (FS/RAP) programs
- Drilling and sampling technologies
- In situ chemical oxidation implementation
- Soil excavation

Education

- B.S., Environmental Engineering, University of Nevada, Reno, 2001
- M.S., Environmental Engineering, University of Nevada, Reno, 2003
- 40-Hour OSHA Hazardous Waste Operations and Emergency Response (HAZWOPER), 2002
- 8-Hour HAZWOPER Refresher Training, current

Languages

- English, native speaker

Key Industry Sectors

- Manufacturing
- Government
- Transportation
- Utilities

Key Projects

Designed, implemented, and managed a remediation program consisting of in-situ enhanced bioremediation at major airline's San Francisco Bay Area maintenance center impacted with chlorinated VOCs and petroleum hydrocarbons. Designed a program to work around the logistical issues of implementing a remediation program at an active facility. Established an extensive health and safety monitoring program to ensure conditions were protective of site workers. Evaluated monitoring data to optimize the enhanced bioremediation program. Based on the results of the enhanced bioremediation program, designed, implemented and managed a remediation program to address residual VOC contamination.

Designed, implemented, and managed high-vacuum extraction system to address DNAPL and solvents in fractured bedrock setting at site in Benicia, CA. Analyzed field data to determine hydraulic radius of influence and vacuum radius of influence and to evaluate success of system. Based on these results, designed and implemented expansion of high-vacuum extraction system. Authored reports detailing system operation and expansion.

Oversaw operation and maintenance an industrial waste treatment system at a railroad maintenance station in San Jose, Ca. Oversaw sampling activities, completed reporting requirements, and ensured that the system was operating in compliance with the discharge permit from the San Jose/Santa Clara Water Pollution Control Plant.

Oversaw environmental remediation activities for a capital improvement project at a railroad station in San Jose, Ca. Conducted a Phase II investigation and survey of uncharacterized debris. Supported design and procurement specifications. Developed a Remedial Action Workplan approved by the San Francisco Regional Water Quality Control Board (RWQCB). Coordinated permitting requirements for the removal of sumps and above ground tanks with the San Jose Fire department. Negotiated permit renewals with the San Jose/Santa Clara Water Pollution Control Plant.

Supervised potassium permanganate injection pilot tests to address DNAPL and solvents in fractured bedrock and shallow sands settings at site in Benicia, CA. Analyzed field data to determine site-specific soil oxidant demand and to evaluate effectiveness of chemical oxidation injection at two different subsurface settings. This

information will be critical in determining direction of future remediation.

Operated ground water treatment system to address dissolved-phase petroleum hydrocarbons at a former Navy facility in Oakland, CA. During redevelopment, excavation for installation of deep utilities intersected plume of benzene and naphthalene in ground water, necessitating treatment and discharge of excavation dewatering effluent under NPDES permit. Coordinated critical-path dewatering operations among several contractors and performed treatment and discharge through granular activated carbon.

Designed, implemented, and managed air sparge/soil vapor extraction system to address DNAPL and solvents in soil and water at warehouse facility in Benicia, CA. Analyzed field data to determine optimum operating conditions. Authored reports to San Francisco (RWQCB), describing work performed, results, and future action plans. Oversaw expansion and optimization of system and achieved significant mass removal during source area cleanup within 6 months of system operation. Managed and implemented mobile high-vacuum extraction recovery of LNAPL at active boarding areas of San Francisco International Airport for major airline. Analyzed data collected to determine fluid volumes removed and radius of influence. Analysis allowed for program optimization and significant cost savings. FS/RAP based on Interim Remedial Action Plan findings is underway.

Coordinated and implemented vacuum-assisted LNAPL recovery at major airline's maintenance center at San Francisco International Airport. Analyzed site monitoring data to determine extent of recovery events. Authored progress reports to San Francisco RWQCB, describing work performed, results, and future action plans. Assisted with final documentation of FS/RAP.

Task manager for a water testing program that analyzed the potable water onboard the fleet of airplanes for a major airline at San Francisco International Airport. Duties involved sample collection, sample testing, and scheduling and coordinating personnel.

Performed a detailed evaluation of remedial options for FS/RAP of alluvium-fractured bedrock aquifer impacted with DNAPL and dissolved-phase chlorinated VOCs at major airline's maintenance center at San Francisco International Airport. Screened available technologies,

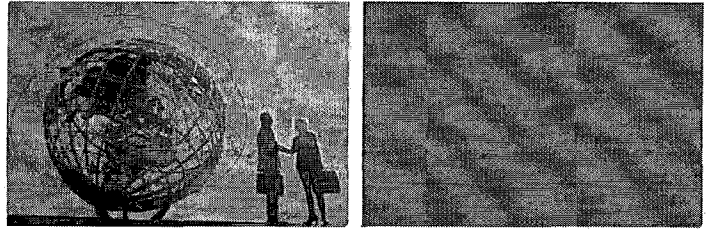
determined the effectiveness, implementability, and cost of each option. Oversaw the implementation and managed the operation of the RWQCB-approved RAP consisting of mobile high vacuum extraction of free product and monitored natural attenuation for the dissolved plume.

Designed, implemented, and managed soil vapor extraction system to address petroleum hydrocarbons at active PG&E maintenance facility. Procured permitting and vapor abatement equipment. Evaluated system performance and modified exhaust vapor abatement methods to achieve significant cost savings. Authored progress reports detailing mass removal and system operation.

Performed site investigation and pilot study remediation for large chlorinated solvent plume beneath former rail yard site, with soil, ground water, soil vapor, and indoor air VOC impacts, which extend off site underneath residential neighborhood. Conducted soil and ground water investigations as well as indoor air investigations of residential homes. Completed soil vapor extraction pilot study to evaluate remediation options at site. Assisted with data evaluation and final documentation of RI/FS.

Oversaw operation and maintenance of pump-and-treat ground water remediation system at site in Oakland, CA, where railroad maintenance station was under construction. Conducted dust-level testing and air monitoring as part of health and safety plan during soil excavation activities.

Holly D'Agostino



Holly D'Agostino is a Consultant within ERM based in Honolulu, Hawaii.

Having been with ERM for one year, Ms. D'Agostino's areas of familiarity include hazardous materials surveys, site investigations, and information management systems. Her proficiency in computer applications provides the necessary means for many planning and assessment projects. Holly has had experience working for both the government and private industry sector through organizations such as the County of Hawaii, State of Hawaii, and various land owners/developers in the state of Hawaii.

Fields of Competence

- Phase I environmental site assessments
- Hazardous materials surveys
- Information management systems
- Site investigations

Education

- 40-hour OSHA HAZWOPER, 2009
- Bachelor of Science. Education, Temple University, USA, 2008

Languages

- English, native speaker

Key Industry Sectors

- Government
- Transportation

Key Projects

Brownfields Program, City and County of Honolulu, 2009

Prepared Combined Phase I and II Environmental Site Assessment for a Brownfields site on the island of Oahu, Hawaii. Currently conducting a Phase I and II Site Assessments at other Brownfields sites. Responsibilities also include general administration and project coordination.

Hazardous Materials Surveys Training Program, County of Hawaii, 2009

Responsible for implementing a training program for the County of Hawaii's Department of Parks and Recreation. Training topics include asbestos, lead in construction, arsenic, PCBs, and mercury. Tasks included general administration, project planning, and information management.

Compliance Support, Hawaii Army National Guard, Hawaii, 2009

Provided assistance to HIARNG environmental program managers in preparation for National Guard Bureau auditing. Responsible for administrative project tasks and project facilitation.

Hazardous Materials Surveys, Kona and Kau Districts, County of Hawaii, 2009

Currently preparing Hazardous Materials Survey reports. Scope of work included incremental soil sampling and bulk sampling for lead, asbestos and arsenic. Responsibilities include project facilitation and coordination, report writing and editing, and data review.

Well Monitoring, Airport Services International Group, Honolulu, HI, 2009

Conducted quarterly well monitoring, in addition to weekly well monitoring events to support remediation programs at the site. Reports are submitted upon completion of all field activities.

Monsanto Due Diligence Site Assessments, Oahu, 2008

Responsible for data management and the document review process pertaining to previous land uses and possible environmental concerns. Assisted in the Phase II Site Investigation and the preparation of the Combined Phase I and II ESA Report.

ERM's Honolulu Office

1132 Bishop Street
Suite 501
Honolulu, Hawaii 96813
T: 808-521-4404
F: 808-521-4408
www.erm.com

Delivering sustainable solutions in a more competitive world

