

**PHASE I
ENVIRONMENTAL SITE ASSESSMENT**

Historic Ala Moana Pumping Station
(aka the Kakaako Pump Station)
240 Keawe Street
Honolulu, Oahu, Hawaii
TMK (1) 2-1-015: Parcel 35, 43 and 44

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1.0 EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) performed by EnviroServices & Training Center, LLC (ETC) in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E-1527-05. This Phase I ESA was completed for Department of Business Economic Development & Tourism (Client) for the Subject Property located at 240 Keawe Street, Honolulu, Hawaii and is identified as Tax Map Key (TMK) identification number (1) 2-1-015: Parcel 35, 43 and 44. Review of tax records indicated the Subject Property is currently owned by Hawaii Community Development Authority (HCDA).

The Subject Property consists of approximately 2.2 acres of land and is located in Honolulu, Hawaii, on the southern portion of the island of Oahu (Appendix I, Figure 1). The north and southwest portions of the Subject Property are currently used as a storage base yard by various tenants (Hawaiian Dredging Construction Company, D&C Construction, Hawaii Irrigation Supply, Inc., Quality Engineering, Grace Pacific, Morio Gen dba Marantha Sports, and Pacific Cruises). The south portion of the Subject Property is currently unoccupied and consists of three historic building structures. These structures are part of the Historic Ala Moana Pumping Station (aka Kakaako Pump Station) which previously operated as a wastewater treatment plant.

Documents of historical Subject Property information were also provided to ETC by HCDA. Review of these documents indicated that a boiler room was noted on the north portion (parcel 35) of the Subject Property in a 1953 City and County drawing. In addition, boilers were historically located and used on the south portion (parcel 43 and 44) of the Subject Property. Boilers historically use fuel oil, which is typically stored in USTs/ASTs. These former structures (i.e. boiler room, boilers) are considered historical RECs for the Subject Property. Furthermore, based ETC's file review findings, ETC cannot dismiss the potential presence of contamination resulting from the Historic Ala Moana Pumping Station operations and structures, therefore, these historical RECs are considered current RECs for the Subject Property.

Visual observation for the use and/or storage of hazardous materials, hazardous waste, petroleum products, and controlled substances was performed on March 12, 2007. ETC observed one apparent well on the south portion (parcel 43 and 44) of the Subject Property. No apparent releases or evidence of past releases into the apparent well was observed and the well appeared to be covered and in relatively sound condition. Since no evidence of a release or potential release was observed during site reconnaissance activities and the well appeared to be in relatively sound condition, this apparent well is not considered a REC for the Subject Property. Evidence of a past release (black stain) was noted on the concrete floor near apparent defunct electrical equipment within the "1939 Pump House" structure. The groundcover in the vicinity of the staining was noted to be in good condition with no visible cracks or depressions, therefore, this staining is considered a *de minimis* condition.

ETC personnel also observed apparent black-gray ash within the "chimney/vent stack" structure which is attached to the west side of the "1900 Pump House" building. Based on ETC's site reconnaissance activities coupled with the historic use of the Subject Property, ETC cannot dismiss the potential presence of contamination resulting from the former "chimney/vent stack" operations and the apparent observed ash, therefore, this finding is considered a REC for the Subject Property. No other significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified during ETC's site reconnaissance.

The Subject Property was listed as a SHWS, Brownfields, and State Institutional Controls site by the contracted database search. Based on these database findings, ETC requested to review all available facility files from the Hawaii Department of Health (DOH) Hazard Evaluation and Emergency Response (HEER) Office for the Subject Property. File review indicated that AMEC Earth and Environmental, Inc. (AMEC) prepared a Phase I ESA report for the Subject Property in September 2004. AMEC's Phase I ESA recommended that an asbestos survey; and a soil and groundwater investigation be performed on the Subject Property. AMEC's Phase I ESA report also included a parcel map of the Subject Property dated 1953. Review of this parcel map indicated that the previous activities and facilities associated with the Historic Ala Moana Pumping Station included the use and/or presence of boilers, "oil res.," "grease rack," etc. Boilers historically use fuel oil which is typically stored in USTs/ASTs. Based on ETC's review, the apparent structures (i.e. boiler house, oil res., grease rack, etc.) are considered historical RECs for the Subject Property. Furthermore, based on ETC's file review findings, ETC cannot dismiss the potential presence of contamination resulting from the Historic Ala Moana Pumping Station operations and structures, therefore, these historical RECs are considered current RECs for the Subject Property.

In addition to the database findings for the Subject Property, the contracted database search identified one (1) CERCLIS site, three (3) CERCLIS-NFRAP sites, one (1) RCRA CORRACTS site, one (1) RCRA TSD site, three (3) RCRA SQG sites, thirty nine (39) State equivalent NPL and CERCLIS sites, forty (40) LUST sites, one (1) UST site, three (3) Brownfields sites, and twenty (20) Orphan sites located within the specified radii. Based on these findings, ETC requested and reviewed select facility files from the DOH SHWB and DOH HEER Office.

File review indicated that several site investigations were conducted at the *Ala Moana #2 WWPS (aka the Ala Moana Waste Water Pump Station and Ala Moana WWPS)* facility, which is located adjacent to the Subject Property. A Limited Phase II Environmental Site Investigation (ESI) was conducted at the facility by R.M. Towill Corporation (RMTC) in April 2003. RMTC's site investigation activities also included select offsite areas which included the westernmost portion of the Subject Property. The soil and groundwater sample results indicated the presence of detectable concentrations of petroleum constituents and metals on the Subject Property. The presence of these contaminants on the Subject Property is considered a REC for the Subject Property.

File review of the Ala Moana WWPS facility file also indicated that petroleum and metal contaminants may be present throughout the Ala Moana WWPS facility. Based on these findings coupled with the fact that the facility is located adjacent to the Subject Property, ETC cannot dismiss the possibility of offsite contaminant migration. As such, this historical REC is considered a current REC for the Subject Property.

In addition to site investigation findings, file review also indicated that the Kakaako area was historically created with fill material which may contain metal contaminants. Given that the area may have been created with fill materials coupled with fact that metal contaminants were noted on the Subject Property and the adjacent Ala Moana WWPS, the potential impacts to soil and groundwater on the Subject Property resulting from the historical filling operations is considered a REC for the Subject Property.

Historical real property tax records, building permit records, and aerial photographs were reviewed to assess past and prior use history of the Subject Property. Review of historical records did not reveal evidence of RECs at the Subject Property or adjoining properties.

In summary, we have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-05 of 240 Keawe Street, Honolulu, Hawaii, the Subject Property. Any exceptions to, or deletions from, the ASTM Practice E1527-05 are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property except for the following:

- The potential impacts associated with the Historic Ala Moana Pumping Station operations and structures (i.e. boilers, grease rack, etc.).
- The potential impacts resulting from the former "chimney/vent stack" operations and the apparent observed ash.
- The potential presence of petroleum and metals impacted soil and groundwater on the Subject Property as documented in RMTTC's Limited Phase II ESI.
- The potential offsite contaminant migration from the Ala Moana WWPS facility to the Subject Property.
- The potential impacts to soil and groundwater on the Subject Property resulting from the historical filling operations.

2.0 INTRODUCTION

EnviroServices & Training Center, LLC (ETC) was contracted by the Department of Business, Economic Development and Tourism (DBEDT) to complete a Phase I Environmental Site Assessment (ESA) for the Subject Property located at 240 Keawe Street Honolulu, Hawaii. The Subject Property is identified as Tax Map Key (TMK) identification numbers (1) 2-1-015: Parcels 35, 43 and 44.

In May 2000, DBEDT was selected by the Environmental Protection Agency (EPA) for an EPA-funded Brownfields Assessment Demonstration Pilot program to conduct ESAs of “properties being considered for redevelopment where reuse is hindered by possible contamination from hazardous substances or from petroleum.” Under the EPA grant guidance, petroleum sites may be eligible for brownfields assessment funds if 1) The site is of “relatively low-risk;” 2) There is no “viable responsible party;” and 3) The site will not be assessed, investigated, or cleaned up by a person that is potentially liable for cleaning up the site. In August 2006, the DBEDT – Office of Planning on behalf of DBEDT and the Hawaii Community Developed Authority (HCDA) requested the Subject Property be considered for assessment with the petroleum grant funds. Subsequently, the Subject Property was deemed eligible for the petroleum grant funds. As such, this Phase I ESA was conducted as part of the petroleum grant fund under *DBEDT Brownfields Assessment Project, US EPA Cooperative Agreement No. BF-96915601-0, Task Work Order No. 3*

2.1 Background

Under CERCLA, persons may be held liable for cleaning up hazardous substances at properties that they either currently own or operate, or owned or operated at the time of disposal. Strict liability in the context of CERCLA means that a potentially responsible party may be liable for environmental contamination based solely on property ownership and without regard to fault or negligence.

In 1986, the Superfund Amendments and Reauthorization Act (SARA) amended CERCLA by creating an “innocent landowner” defense to CERCLA liability for those persons who could successfully demonstrate, among other requirements, that they “did not know and had no reason to know” prior to purchasing the property that any hazardous substance that is the subject of a release or threatened release was disposed of on, in, or at the property. Such persons, to demonstrate that they had “no reason to know” must have undertaken, prior to, or on the date of acquisition of the property, “all appropriate inquiries” into the previous ownership and uses of the property consistent with good commercial or customary standards and practices.

The Small Business Liability Relief and Brownfields Revitalization Act (referred to as “the Brownfields Amendments”) was enacted in January 2002 to amend CERCLA. These amendments included providing funds to assess and clean up brownfields sites, clarifying CERCLA liability provisions for certain landowners, and providing funding to enhance state and tribal cleanup programs.

Subtitle B of Title II of the Brownfields Amendments revised CERCLA, clarifying the requirements necessary to establish the innocent landowner defense. The Brownfields Amendments also added protections from CERCLA liability for “bona fide prospective purchasers” and “contiguous property owners” who meet certain statutory requirements. Each of the CERCLA liability provisions for innocent landowners, bona fide prospective purchasers, and contiguous property owners (referred to collectively as “landowner liability protections,” or LLPs) requires that, among other requirements, persons claiming the liability protections conduct all appropriate inquiries into prior ownership and use of a property prior to or on the date a person acquires a property.

A key provision of the Brownfields Amendments was to finalize regulations setting federal standards for the conduct of all appropriate inquiries. Such federal standards were promulgated in the *Standards and Practices for All Appropriate Inquiries, Final Rule, 40 CFR Part 312*, referred to as the AAI Final Rule.

Section 312.11 of the AAI Final Rule indicates that the ASTM International Standard E1527-05, entitled *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (referred to herein as the ASTM Practice), may be used to comply with the requirements set forth in Sections 312.23 through 312.31 of the AAI Final Rule. Therefore, this Phase I ESA was performed in accordance with the ASTM International Standard E1527-05.

As noted in Section 312.1 of the AAI Final Rule, ESAs conducted as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA section 104(k)(2)(B) must also include 1) pollutants and contaminants, as defined in CERCLA section 101(22); 2) petroleum or petroleum products excluded from the definition of “hazardous substance” as defined in CERCLA section 101(14); and 3) controlled substances, as defined in 21 U.S.C. 802. Note that “pollutants and contaminants” and “controlled substances,” as defined by CERCLA section 101 are not included within the scope of the ASTM Practice. This Phase I ESA is being conducted under an EPA-funded Brownfields Assessment Grant, therefore, this Phase I ESA will include “pollutants and contaminants” and “controlled substances” in addition to the scope and limitations of the ASTM Practice.

2.2 Purpose

The purpose and goal of this Phase I ESA is to conduct an inquiry designed to identify recognized environmental conditions in connection with the Subject Property, to the extent feasible pursuant to the process described in the ASTM Practice. The term recognized environmental condition (REC) is defined as:

“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 any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions.”

Note that for the purposes of this Phase I ESA, the term REC will also include “pollutants and contaminants” and “controlled substances,” as noted in Section 312.1 of the Final AAI Rule.

2.3 Scope of Services

The scope of work included the following:

- Development of a site description for the Subject Property including site background, physical characteristics and historical site conditions;
- Evaluation of user provided information including but not limited to environmental liens, activity and use limitations, specialized knowledge, valuation reduction of environmental issues, and other information pertaining to the property;
- Evaluation of information in programs such as NPL, CERCLIS, FINDS, ERNS, RCRA notifiers, and other governmental information systems within specific radii of the property to identify sites that would have the potential to impact the property;
- Visual evaluation of current site conditions (as applicable) including compliance with appropriate regulations as they pertain to the presence of facility storage tanks, drums, and containers; and transformers and other electrical equipment potentially containing PCBs;
- Visual evaluation of the adjacent properties to identify high-risk neighbors and the potential for a chemical to migrate onto the property; and
- Interviews with owner(s), site manager(s), occupant(s), local government official(s), and/or other individuals with past and prior use history of the property.

2.4 Significant Assumptions

This Phase I ESA is limited by the availability of information at the time of the assessment. Interviews were conducted and interviewee's responses were assumed to be answered in good faith, to the extent of his/her actual knowledge. In addition, since no hydrogeological data was available for the Subject Property, the groundwater was assumed to flow in the direction of the surface topography of the Subject Property and surrounding areas.

2.5 Conditions and Limitations

ETC has completed this Phase I ESA for the Subject Property in accordance with the scope and limitations of ASTM Practice E1527-05. ETC's findings and conclusions contained herein are professional opinions based solely upon visual observations, interviews, and interpretation of the historical information and documents available to ETC at the time this Phase I ESA was conducted. Opinions stated in this report do not apply to changes that may have occurred after the services were performed.

ETC has performed specified services for this project with the degree of care, skill and diligence ordinarily exercised by professional consultants performing the same or similar services. No other warranty, guarantee, or representation, expressed or implied, is included or intended; unless otherwise specifically agreed to in writing by both ETC and ETC's Client.

2.6 User Reliance

This report is intended for the sole use of ETC's Client, exclusively for the project site indicated. ETC's Client may use and release this report, including making and retaining copies, provided such use is limited to the particular site and project for which this report is provided. However, the services performed may not be appropriate for satisfying the needs of other users. Release of this report to third-parties will be at the sole risk of Client and/or said user, and ETC shall not be liable for any claims or damages resulting from or connected with such release or any third party's use or reuse of this report.

2.7 Environmental Professional Certification

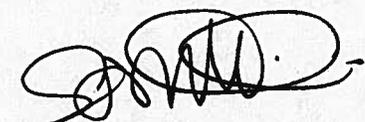
We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting 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.

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3.0 SITE DESCRIPTION

3.1 Location and Description

The Subject Property, located at 240 Keawe Street, Honolulu, Hawaii is identified as TMK 1-2-015: 35, 44, and 44. The Subject Property consists of approximately 2.2 acres of land and is located on the south portion of the Island of Oahu (Appendix I, Figure 1). The site map is included in Appendix I, Figure 2. Photographic documentation is included in Appendix II.

3.2 Physical Setting

Groundcover at the Subject Property generally consisted of asphalt and concrete with limited areas of landscaped vegetation. The Subject Property appeared relatively flat with no discernable gradient.

3.2.1 Site Topography

Topographic map coverage of the Subject Property vicinity is provided by the United States Geological Survey Island of Oahu, Hawaii 7.5 minute Honolulu Quadrangle, 1998. The elevation of the Subject Property is approximately 5 feet above mean sea level (msl).

3.2.2 Regional Geology

Oahu is formed by the erosional remnants of two shield volcanoes. These are the Waianae range to the west and the Koolau range to the east. The Waianae volcano is estimated to have formed 2.4 to 3.6 million years before present. It consists of a tholeiitic lava shield with a thick cap of transitional to alkalic rock. Rejuvenation-stage volcanics of undifferentiated age occur in Kolekole Pass and on the south flank of the Waianae shield. Dike orientations define northwest and southwest rift zones (Macdonald, et al., 1983).

The Koolau volcano is estimated to have formed 1.8 to 2.6 million years before the present (Macdonald, et al., 1983). It consists of a tholeiitic lava shield and lacks an alkalic cap. It has well defined major dike complex trending northwest-southwest. A third, minor rift zone referred to as the Kaau rift trends southward from Kaau crater, near the upland crest of the Koolau Ridge. After a long dormant period and periods of deep erosion, the Koolau volcano developed abundant and scattered rejuvenation-stage vents, typically aligned on northeast-striking fissures (Macdonald, et al., 1983).

3.2.3 Site Geology

The soil at the Subject Property is mapped as Fill Land Mixed (FL). This land type consists of areas filled with material from dredging, excavation from adjacent uplands, garbage, and bagasse and slurry from sugar mills. FL occurs primarily near Pearl Harbor and in Honolulu, adjacent to the ocean. FL is used for urban development including airports, housing areas, and industrial facilities. The average rainfall for the area is approximately 58 cm/year (USDA, 1972).

3.2.4 Regional Hydrogeology

The primary drinking water in the Hawaiian Islands is drawn from basal groundwater. Basal groundwater is formed by rainwater percolating down through the residual soils and permeable volcanic rock. All of the island situated below sea level, except within rift zones of the volcanoes, is saturated with ocean salt water and thus forms a basal lens called the "Ghyben-Herzberg" lens. A zone of transition between the fresh groundwater and the ocean salt water occurs due to the constant movement of the interface as a result of tidal fluctuations, seasonal fluctuations in recharge and discharge and aquifer development (Macdonald, et al., 1983).

Downward percolation of rainwater may be stopped by impermeable layers such as dense lava flows, alluvial clay layers and volcanic ash. The groundwater then forms a perched or high level aquifer, which is not in contact with salt water. Recharge of the aquifer occurs in areas of high rainfall, which are the interior mountainous areas. The groundwater flows from the recharge areas to the areas of discharge along the shoreline. Frictional resistance to groundwater flow causes it to pile up within the island until it attains sufficient hydraulic head to overcome friction. Thus, basal groundwater tends to slope toward the shoreline (Macdonald, et al., 1983).

3.2.5 Site Hydrogeology

The Subject Property is underlain by the Nuuanu Aquifer System, which is part of the Honolulu Aquifer Sector on the island of Oahu. The aquifer is classified by Mink and Lau, 1990, with the system identification number 30102116 (13321). This system includes an unconfined basal aquifer in sedimentary (nonvolcanic) lithology. The groundwater in this aquifer is described as being currently used, however it is not considered a drinking water source nor ecologically important. The groundwater contains a moderate salinity (1,000-5,000 mg/l Cl⁻) and is described as replaceable with a high vulnerability to contamination. The site is further underlain by a second aquifer of the same system. This system includes a confined basal aquifer in flank compartments, and is classified with the system identification number 30102121 (11113). The groundwater in this aquifer is described as a currently used as a drinking water source. The groundwater contains a fresh salinity (<250 mg/l Cl⁻) and is considered irreplaceable with a low vulnerability to contamination (Mink and Lau, 1990).

3.2.6 Nearest Surface Water Bodies

The nearest surface water bodies are the Honolulu Harbor located approximately 1,200 feet northwest of the Subject Property and Mamala Bay located approximately 1,700 feet southwest of the Subject Property.

3.3 Current Use of the Subject Property

The north and southwest portions of the Subject Property are currently used as a storage base yard by various tenants (Hawaiian Dredging Construction Company, D&C Construction, Hawaii Irrigation Supply, Inc., Quality Engineering, Grace Pacific, Morio Gen dba Marantha Sports, and Pacific Cruises). The south portion of the Subject Property is currently unoccupied and consists of three historic building structures. These structures are part of the Historic Ala Moana Pumping Station which previously operated as a wastewater treatment plant.

3.4 Current Uses of the Adjoining Properties

ETC visually inspected the neighboring properties and their operations from publicly accessible areas. The Subject Property is bordered by the Ala Moana Waste Water Pumping Station to the west and southwest, a storage base yard to the west, Forrest Avenue and the U.S. Immigration and Naturalization Services local office to the north, Ala Moana Boulevard and CompUSA (retail computer store) to the north and east, and Keawe Street and the Gold Bond office building to the south. Other areas in the vicinity primarily consisted of industrial and commercial structures.

4.0 USER PROVIDED INFORMATION

This section is intended to provide information obtained from the user of this Phase I ESA that will help identify RECs associated with the Subject Property. The information provided does not require the user to have the technical expertise of an environmental professional and are generally not provided by the environmental professional performing the Phase I ESA.

4.1 Required Information

In order to qualify for one of the LLPs offered by the Brownfields Amendments, the user must provide the following information (if available) to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. HCDA in cooperation with DBEDT provided ETC with the following information.

4.1.1 Environmental Liens

There are no environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the Subject Property.

4.1.2 Activity and Use Limitations

There are activity and use limitations for the Subject property, which include the HCDA Makai Area Rules. Specifically, these limitations included building construction (location, floor area, etc.) and zoning use limitations.

4.1.3 Specialized Knowledge

A *Policy and Development Strategy Plan for the Historical Ala Moana Pumping Station and Developable Lands* prepared by Clifford Planning LLC dated January 26, 2006 indicated that the Subject Property was formerly used as a wastewater treatment plant. Document review indicated the south portion (parcel 43 and 44) of the Subject Property is the location of the former Ala Moana Pump Station (aka the Historic Ala Moana Pumping Station and the Kakaako Pump Station). The north portion (parcel 35) is vacant with no structures.

The south portion (parcel 43 and 44) included several structures which were used as part of the former operations of the Historic Ala Moana Pumping Station. The Historic Ala Moana Pumping Station originally included the "1900 Pump House" structure, and the "Screen House" structure. The "1900 Pump House" structure includes an attached 60 foot tall chimney/vent stack. This structure formerly housed the steam powered pumps which carried the sewage out to sea via a force main. In addition, boilers were originally housed within the central space of the "1900 Pump House." Sewage historically arrived via the single story "Screen House" and was pumped to the 1900 Pumping Station. The 1898 construction drawings indicated that the "Screen House" contained a pit approximately 11'-9" below the finish floor level which led to the underground storage reservoir (mainly on Parcel 43). The 1939 renovation drawings indicate that the "Screen House" floor was filled in with a concrete floor at ground level. Photographic records indicated that the concrete floor was in place. Currently, all accessible entrances to the "Screen House" have been blocked and the actual condition of the interior of the facility and its contents is unknown.

Two additions were built to support the facility. In 1925, an additional "Pump" building of brick to house a high-speed, electric powered pump was added and the original plant was turned into a machine shop, storeroom and office which was in operation until 1982. In 1939 a second "New" Pump House (aka "1939 Pump House") was constructed. The building's keystone reads 1940. The existing pit within the 1939 Pumping Station was approximately 34 feet below grade according to City and County construction drawings dated April 4, 1939. The 1925 Pump addition was noted on a 1979 Public Works demolition plan, however, it has subsequently been demolished.

The use of the Historic Ala Moana Pumping Station was abandoned by the City and County of Honolulu when the new pumping station southwest and adjacent to the Historic Ala Moana Pumping Station was built in 1955. This 1955 pumping station (WWPS #1) is still in use and is currently being renovated along with the pumping station subsequently built adjacent to it (WWPS #2). These two stations comprise the active Ala Moana Waste Water Pumping Station for the central core of Honolulu.

The three historic structures ("1900 Pump House," "1939 Pump House," and "Screen House") that remain on the Historic Ala Moana Pumping Station site are included on both the National Register of Historic Places (1978) and the State Register of Historic Places (1977), and its adjacent Forrest Avenue parcel have remained vacant or underutilized due to a myriad of issues. Note that, in 2005, a non-historic structure consisting of a one-story concrete block addition to the "1900 Pump House" was removed. The addition to the "1900 Pump House" was built sometime after 1973 and was not part of the original historic structures. An additional non-historic, one-story concrete block and corrugated metal roof addition to the "Screen House" was also demolished in 2005.

The southwest portion of the Historic Ala Moana Pumping Station site is vacant and mainly paved. However, there are the remains of a 10,000 square foot, approximately 11-foot arched underground storage reservoir, the Hering Reservoir that was formerly connected to the "Screen House." A project was initiated in 1979 by a Public Works contract to the CJS Group to demolish and backfill in the reservoir, however the project was cancelled. In 1992, the reservoir was found to have been most likely filled in as part of another public works project. Holes were drilled in the arched roof of the vault and floor and the top was caved in and the reservoir backfilled. In addition, reports suggest that any construction on this portion of the site may need to take into consideration that the fill material may not have been compacted suitably for construction purposes. The remaining access point from the active Ala Moana WWPS to the reservoir, according to Jerry O'Donnell, Project Engineer for Hawaiian Dredging working on the active Ala Moana WWPS renovation, was blocked permanently during the current Ala Moana WWPS renovation project.

The north portion (parcel 35) of the Subject Property is a vacant parcel of land located adjacent to the Historic Ala Moana Pumping Station and is bordered by Ala Moana Boulevard, a base yard, and Forrest Avenue. The 1953 City and County drawings indicate that a warehouse with boiler room facilities was located in this area.

In addition to the three existing historic building structures, there is an existing coral stone wall structure along Ala Moana Boulevard on the north portion (parcel 35) of the Subject Property that is believed to be a remnant of Fort Armstrong. The wall has not been studied and is not on either the National or State Historic Registers.

4.1.4 Valuation Reduction for Environmental Issues

Not applicable as there are no current plans to sell the Subject Property. Note that this Phase I ESA is being performed under the EPA-funded Brownfields Assessment Demonstration Pilot program to conduct ESAs of "properties being considered for redevelopment where reuse is hindered by possible contamination from hazardous substances or from petroleum."

4.1.5 Commonly Known or Reasonably Ascertainable Information

The user indicated that the Subject Property was formerly used for wastewater treatment purposes.

4.1.6 Degree of Obviousness of Potential Contamination

There are no obvious indicators that point to the presence or likely presence of contamination at the property based on the knowledge and experience related to the Subject Property.

4.2 Other Information Pertaining to Subject Property

There are no additional concerns regarding the Subject Property or any adjoining properties.

4.2.1 Reason for Performing Phase I ESA

The Phase I ESA is being performed in part to facilitate the identification, evaluation, and selection of sites with the greatest redevelopment potential as part of the Brownfields Assessment Demonstration Program Pilot.

4.2.2 Title Records

No title records/documents were provided to ETC. However, a land title search was conducted by ETC and is documented in Section 5.3.3 and Appendix III.

4.2.3 Owner, Property Manager, and Occupant Information

Subject Property Occupants	Hawaiian Dredging Construction Company, D&C Construction, Hawaii Irrigation Supply, Inc., Quality Engineering, Grace Pacific, Morio Gen dba Marantha Sports, Pacific Cruises	Mr. Nick Keller (Hawaiian Dredging Construction Company)	Tel: 808-735-3211
Subject Property Owner / Subject Property Manager	HCDA	Mr. Richard Kuitunen	Tel: 808-587-8177

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

To obtain information concerning recognized environmental conditions at or near the Subject Property, ETC contracted Environmental Data Resources, Inc. (EDR) to conduct an environmental database search. EDR is a company that specializes in the review of public regulatory environmental databases. The regulatory agency report provided (Appendix IV) is based on an evaluation of the data collected and compiled by a contracted data research company. The report is a radius search report, which focuses on both the Subject Property and adjacent properties that may impact the Subject Property. Adjacent properties listed in governmental environmental records are identified within a specific search radius (Table 1). The search radius varies depending on the particular record being researched. The search is designed to meet the requirements of the current industry approach as described in ASTM Practice E1527-05. The information provided is assumed to be correct and complete, unless noted otherwise.

**Table 1: ASTM Practice Environmental Record Sources
and Recommended Search Distances**

Environmental Database Sources	ASTM Practice Search Distances (miles)
Federal NPL Site List	1.0
Federal Delisted NPL Site List	0.5
Federal CERCLIS List	0.5
Federal CERCLIS NFRAP Site List	0.5
Federal RCRA CORRACTS Facilities List	1.0
Federal RCRA non-CORRACTS TSD Facilities List	0.5
Federal RCRA Generators List	Subject Property and adjoining properties
Federal Institutional Control/Engineering Control Registries	Subject Property only
Federal ERNS List	Subject Property only
State-Equivalent NPL	1.0
State-Equivalent CERCLIS	0.5
State Landfill and/or Solid Waste Disposal Site Lists	0.5
State Leaking UST List	0.5
State Registered UST List	Subject Property and adjoining properties
State Institutional Control Registry	Subject Property only
State Voluntary Cleanup/Response (VCP/VRP) Sites	0.5
State Brownfield Sites	0.5

5.1.1 Federal NPL and Delisted NPL

The National Priorities List (NPL) is the Environmental Protection Agency's (EPA) database of uncontrolled or abandoned hazardous waste properties, which are considered to pose an immediate threat to human health and the environment. These properties are identified for priority remedial response actions under the Superfund Program. The Subject Property was not identified as a NPL site. The database did not identify any NPL or Delisted NPL sites within a 1-mile radius of the Subject Property.

5.1.2 Federal CERCLIS and CERCLIS NFRAP

The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database contains information on various aspects of potentially uncontrolled or abandoned hazardous waste properties from initial screening and assessment phases to listing on the NPL. The Subject Property was not identified as an active CERCLIS or a CERCLIS No Further Remedial Action Planned (NFRAP) site. The database identified one (1) active CERCLIS site and three (3) CERCLIS NFRAP sites within a 0.5 mile radius of the Subject Property.

5.1.3 Federal RCRA CORRACTS

RCRA Corrective Action Sites (CORRACTS) database contains Resource Conservation Recovery Information System (RCRIS) sites with reported corrective action. The Subject Property was not identified as a CORRACTS facility. The database identified one (1) RCRA CORRACTS site within a 1-mile radius of the Subject Property.

5.1.4 Federal RCRA (non-CORRACTS) TSD Facilities

The EPA's RCRA program identifies and tracks hazardous waste from the point of generation to the point of final disposal. The RCRA Treatment, Storage or Disposal (TSD) facility database compiles those reporting facilities that treat, store, or dispose of hazardous waste. The Subject Property was not listed as a RCRA TSD facility. The database identified one (1) RCRA TSD site within a 0.5-mile radius of the Subject Property.

5.1.5 Federal RCRA Generator

The RCRA Generator database is a compilation by EPA's RCRIS of regulated facilities that generate hazardous waste. The Subject Property was not identified as a RCRA Small Quantity Generator (SQG) or Large Quantity Generator (LQG). The database search did not identify any RCRA LQG sites adjacent and/or in close proximity to the Subject Property. However, the database identified three (3) RCRA SQG sites located adjacent and/or in close proximity to the Subject Property.

5.1.6 Federal Institutional Control/Engineering Control Registries

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. 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 a site. The EPA Institutional Control and Engineering Control registry maintains a listing of sites with Institutional or Engineering Controls in place. The Subject Property was not identified to have institutional or engineering controls in place.

5.1.7 Federal ERNS

The Emergency Response Notification System (ERNS) tracks the initial notification of reported oil and hazardous material spills. The database contains information regarding the discharger, release date, material, amount released, incident location and release action taken. The Subject Property was not identified as an ERNS facility.

5.1.8 State Equivalent NPL and CERCLIS

The CERCLIS List is a compilation of known or suspected uncontrolled or abandoned hazardous waste sites. These sites either have been investigated or are currently under investigation by the EPA for the release, or threatened release, of hazardous substances. Once a site is placed in CERCLIS, it may be subjected to several levels of review and evaluation and ultimately placed on the National Priorities List. The State of Hawaii does not have a formal "State Superfund" program; therefore, the State Hazardous Waste Sites (SHWS) are the State of Hawaii's equivalent to the federal EPA's CERCLIS database. Additionally, because this information is acquired from the Hawaii Department of Health (DOH) Hazard Evaluation and Emergency Response (HEER) Office, these sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup that use state funds (state equivalent superfund) are identified along with sites where cleanup is paid for by the potentially responsible parties. The Subject Property was identified as a SHWS. The database identified thirty nine (39) SHWS sites within a 1-mile radius of the Subject Property.

5.1.9 State Landfill and/or Solid Waste Disposal

The State of Hawaii has records of all facilities that have received a solid waste management permit, including solid waste landfills, transfer stations, and incinerators. The Subject Property was not identified as a Solid Waste Facility/Landfill (SWF/LF) facility. The database search did not identify any SWF/LF facilities within a 0.5-mile radius of the Subject Property.

5.1.10 State Leaking Underground Storage Tanks

The DOH Underground Storage Tank (UST) Program maintains a listing of all reported leaks and releases from USTs. The Subject Property was not identified as a leaking underground storage tank (LUST) facility. The database identified forty (40) LUST facilities within a 0.5-mile radius of the Subject Property.

5.1.11 State Registered Underground Storage Tanks

The DOH Underground Storage Tank (UST) Program registration system tracks known and registered UST systems. The Subject Property was not identified as a UST facility. The database search identified one (1) UST facility located adjacent and/or in close proximity to the Subject Property.

5.1.12 State Institutional Control Registry

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 a site. The State Institutional Control listing includes Voluntary Response Program and Brownfields sites with institutional controls in place. The Subject Property was identified to have institutional controls in place.

5.1.13 State Voluntary Cleanup/Response Sites

The Hawai'i Voluntary Response Program (VRP) was created on July 7, 1997 by amendments made to Hawaii's Environmental Response Law (ERL). 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. The VRP facilitates the cleanup process and, in certain situations, provides relief from the strict liability provisions of the Federal CERCLA and Hawai'i ERL. The Subject Property was not identified as a VRP site. The database search did not identify any VRP facilities located within a 0.5-mile radius of the Subject Property.

5.1.14 State Brownfields

A Brownfields site is land, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. The Subject Property was identified as a Brownfields site. The database search identified three (3) Brownfields sites located within a 0.5-mile radius of the Subject Property.

5.1.15 Unmappable/Orphan Sites

Twenty (20) unmappable sites were identified in the Orphan Summary of the EDR Report. Unmappable sites are not plotted due to poor or inadequate address information. Due to the inaccurate or incomplete information provided by the respective agency, these sites cannot be plotted with confidence. Review of the addresses and site names coupled with ETC site reconnaissance findings indicated that the Subject Property was not identified in the Orphan Summary of the database report. However, the *Ala Moana Pump Station #2* is listed as a RCRA SQG, State CERCLIS and CERCLIS-NFRAP, State Registered UST, and State Institutional Control site.

5.2 Additional Environmental Record Sources

The EDR database also included a number of other regulatory databases that are not specified by the ASTM Practice. The EDR database did not identify the Subject Property in any of the following databases.

NPL – National Priority List
Proposed NPL – Proposed National Priority List Sites
NPL RECOVERY – Federal Superfund Liens
HMIRS – Hazardous Materials Information Reporting System
FUDS – Formerly Used Defense Sites
US Brownfields – A Listing of Brownfields Sites
CONSENT – Superfund (CERCLA) Consent Decrees
ROD – Records of Decision
UMTRA – Uranium Mill Tailings Sites
ODI – Open Dump Inventory
TRIS – Toxic Chemical Release Inventory System
TSCA – Toxic Substances Control Act
FTTS – FIFRA/TSCA Tracking System
SSTS – Section 7 Tracking Systems
ICIS – Integrated Compliance Information System
PADS – PCB Activity Database System
MLTS – Material Licensing Tracking System
MINES – Mines Master Index File
FINDS – Facility Index System / Facility Registry System
RAATS – RCRA Administrative Action Tracking System
SPILLS – Release Notifications
DRYCLEANERS – Permitted Drycleaner Facility Listing
AIRS – List of Permitted Facilities
INDIAN RESERV – Indian Reservations
INDIAN LUST – Leaking Underground Storage Tanks on Indian Land
INDIAN UST – List of Permitted Facilities
Manufactured Gas Plants – EDR Propriety Manufactured Gas Plants

5.3 Historical Use Information on the Subject and Adjoining Properties

Historical uses of the Subject Property and adjoining properties were investigated through the review of documentation available from public land records and State of Hawaii archived information. In addition, available aerial photographs, plat maps, Sanborn maps, and building permits were reviewed.

5.3.1 Aerial Photograph Review

Aerial photographs from the Map Collection of the University of Hawaii's Hamilton Library were reviewed. A total of eight (8) aerial photographs were found that included the Subject Property. These photographs were dated 1952, 1959, 1963, 1968, 1978, 1992, 1993 and 2000.

Review of the 1952 aerial photograph indicated that the Subject Property appeared fully developed with approximately eight structures on the north portion (parcel 35) of the Subject Property and approximately four structures on the south portion (parcel 43 and 44) of the Subject Property. The surrounding areas appeared fully developed with commercial and industrial structures. The 1952 aerial photograph appeared similar to the 1959 aerial photograph with no significant changes.

Review of the 1963 aerial photograph revealed the north portion (parcel 35) of the Subject Property appeared redeveloped with one apparent warehouse structure. The remaining areas of the Subject Property and surrounding areas appeared similar to the 1959 aerial photograph with no significant changes. The north portion (parcel 35) of the Subject Property was noted to be redeveloped again in the 1968 aerial photograph. Specifically, the area appeared to be used as a storage base yard. The remaining areas of the Subject Property and surrounding areas appeared similar to the 1963 aerial photograph with no significant changes.

Review of the 1978 aerial photograph indicated that the Subject Property appeared partially redeveloped. Specifically, the north portion (parcel 35) appeared to be vacant with no apparent structures and the south portion (parcel 43 and 44) of the Subject Property appeared partially redeveloped with approximately four structures. The surrounding areas also appeared partially redeveloped with commercial and industrial structures. Specifically, three apparent cylindrical tank-like structures were observed on the west adjacent property.

The Subject Property was not clearly visible in the 1992 aerial photograph, however, the north portion (parcel 35) appeared to be occupied and used as an apparent storage base yard. The remaining areas of the Subject Property appeared relatively unchanged. The surrounding areas appeared similar to the 1978 aerial photograph, except the previously observed cylindrical tank-like structures were no longer present. Review of the 1993 aerial photograph indicated that the Subject Property and the surrounding areas appeared similar to the 1992 aerial photograph with no significant changes.

Review of the 2000 aerial photograph revealed that the north portion (parcel 35) of the Subject Property was an apparent vacant lot. In addition, the south portion (parcels 43 and 44) appeared partially redeveloped. The surrounding areas appeared similar to the 1993.

5.3.2 Fire Insurance Maps

ETC contracted EDR to conduct a search for Sanborn fire insurance maps of the Subject Property. The search included an extensive review of the ERIIS Historical Map Collection, which is a private collection of prior-use maps in the United States. There were no Sanborn maps available for the Subject Property in the ERIIS Historical Map Collection. The Sanborn Map "no coverage" letter is included in Appendix IV.

5.3.3 Property Tax Files and Land Title Records

ETC conducted a chain of title search of the Subject Property at the City and County of Honolulu Tax Assessment office. The current owner of the Subject Property is listed as the Hawaii Community Development Authority. Previous owners include The State of Hawaii, the Territory of Hawaii, Overseas Terminal, Ltd., and Inter-Island Steam Navigation. Previous lessees of the Subject Property include Motor Imports International and the Hawaii Department of Transportation.

5.3.4 Building Permits

A review of available building permits issued by the City and County of Honolulu indicated that the permits issued pertained to building alterations, repairs, electrical work, and plumbing.

6.0 SITE RECONNAISSANCE

ETC performed a site reconnaissance on March 12, 2007 in order to complete a visual survey to identify the use and/or storage of hazardous materials, petroleum products, and controlled substances.

6.1 Methodology and Limiting Conditions

ETC personnel performed the site reconnaissance by systematically inspecting all accessible areas of the Subject Property. Portions of the "Screen House," "1939 Pump House," and portable offices (Appendix I, Figure 2) were not accessible during the site reconnaissance.

6.2 General Site Setting

The Subject Property consists of three parcels of land. The north portion includes parcel 35 and the south portion includes parcels 43 and 44. The north portion (parcel 35) is currently used as a storage base yard. The south portion (parcels 43 and 44) of the Subject Property consisted of three unoccupied historical buildings and several temporary office and storage structures. A map of the Subject Property is included in Appendix I, Figure 2. Photographic documentation of ETC's site reconnaissance is included in Appendix II.

6.3 Exterior Observations

6.3.1 North Portion of Subject Property (Parcel 35)

Visual inspection of the exterior areas of the north portion of the Subject Property revealed the groundcover primarily consisted of asphalt and gravel. The area appeared to be used as a storage base yard by several tenants (i.e. Hawaiian Dredging Construction Company, Hawaiian Irrigation Supply, etc.). Various construction equipment and materials including storage containers, backhoes, fill material, soil, concrete and rebar were observed in this area. Numerous containers of chemicals and materials commonly associated with construction, landscaping and building maintenance activities (i.e. paint and paint-related materials, herbicides, cleaners, etc.) were observed throughout the north portion (parcel 35) of the Subject Property. All containers appeared to be in good condition and not leaking. In addition, there was no visual evidence of petroleum staining or indications of a release observed in this area.

6.3.2 South Portion of Subject Property (Parcels 43 and 44)

Visual inspection of the exterior areas of the south portion of the Subject Property indicated the groundcover consisted of asphalt, concrete, gravel and landscaped areas. There was no visual evidence of petroleum staining or indications of a release observed in this area.

A portion of the area appears to be used as a storage base yard by Hawaiian Dredging Construction Company. Two large storage containers filled with various tools and wiring were observed within the area. Several containers of chemicals and materials commonly associated with construction and building maintenance activities (i.e. paint and paint-related materials, oils, etc.) were observed throughout the south portion (parcels 43 and 44) of the Subject Property. All containers appeared to be in good condition and not leaking. Additionally, a forklift and several vehicles were also observed.

An apparent well and pump was observed approximately 20 feet northeast of the "1939 Pump House." No evidence of past releases to this apparent well was observed. In addition, ETC personnel also observed two apparent circular cuts in the concrete groundcover and a cylindrical structure in the vicinity of the suspect well. No evidence of a release was observed in the vicinity of these structures.

6.4 Interior Observations

6.4.1 North Portion of the Subject Property (Parcel 35)

A temporary office structure was observed along Ala Moana Boulevard, however, the interior was inaccessible at the time of ETC's site reconnaissance activities. Therefore, ETC conducted visual observations of this area via windows and doorways. These visual observations indicated that the structure appeared to be used for office storage.

6.4.2 South Portion of the Subject Property (Parcels 43 and 44)

Three permanent structures, a temporary office structure, and several containers were observed in this area. The permanent structures consisted of the historic "1900 Pump House," "1939 Pump House," and "Screen House" structures which are associated with the former Historic Ala Moana Pump Station.

The "1900 Pump House" was previously used by the City and County of Honolulu as a workshop. Various tools were noted within this structure. No floor drains or evidence of past releases were observed within the "1900 Pump House" structures.

The "1939 Pump House" appeared to contain apparent piping fixtures and defunct electrical equipment. A black stain was observed on the concrete floor beneath the observed electrical equipment. The concrete groundcover in the vicinity of this staining was noted to be in good condition. In addition, the sublevel of the "1939 Pump House" appeared to contain pumping equipment and piping. Note that the floor of this sublevel was submerged under standing water.

The "Screen House" was subdivided into three separate sections. However, only one section of the "Screen House" was accessible at the time of ETC's site reconnaissance. This section was observed to be used for storage purposes and no evidence of past releases were observed. In addition, Mr. Richard Kuitunen indicated that the remaining inaccessible areas of the "Screen House" are used for storage purposes.

The "chimney/vent stack" structure which is attached to the west side of the "1900 Pump House" building was also inspected. Apparent black-gray ash was observed within the "chimney/vent stack" fixture.

The temporary storage containers were observed to contain various construction supplies and tools. The temporary office structure is used by Hawaiian Dredging Construction Company as an office for the current ongoing Ala Moana Waste Water Pump Station renovation located adjacent to the Subject Property. In addition, limited quantities of chemicals and materials commonly associated with construction, landscaping and building maintenance activities (i.e. paint and paint-related materials, herbicides, compressed gas cylinders, etc.) were observed throughout the south portion (parcels 43 and 44) of the Subject Property. However, all containers appeared to be in good condition and not leaking.

7.0 INTERVIEWS

The objective of the interviews is to obtain information from past and present owners, operators, and occupants of the Subject Property to identify potential RECs in connection with the Subject Property.

7.1 Interviews with Past and Present Owners and Operators

Mr. Richard Kuitunen and Mr. Richard Kanemoto, Asset Manager, HCDA

Mr. Kuitunen and Mr. Kanemoto are the current Asset Managers for the Subject Property, which is owned by HCDA. Mr. Kuitunen and Mr. Kanemoto provided ETC with the following information:

- Mr. Kuitunen and Mr. Kanemoto's knowledge of the Subject Property and surrounding area dates back approximately 3 years.
- There 3 buildings on the Subject Property. This buildings were formerly used as part of the Historical Ala Moana Pumping Station operations.
- There are no permits from the County, State or Federal Government for the operation of the facility.
- Potable water and sewer system infrastructure is provided by the County.
- There are no floor drains on the Subject Property. However, there is one apparent well located on the Subject Property. All apparent well structures likely drained/connected to the Hering Reservoir location between the current Ala Moana WWPS and the Historic Ala Moana Pumping Station. The Hering Reservoir was historically used for storage of sewage prior to being pumped into the Pacific Ocean.
- Although all entryways leading to the Hering Reservoir are no longer accessible, the reservoir is reportedly large enough to build an underground parking lot.
- The former boiler facilities on the Subject Property may have contained asbestos, however, all remnants of the boiler facilities have been removed. There are no other known hazardous materials or wastes (PCBs, solvents, oils, etc.) on the Subject Property.
- There has been no known burying or burning of any waste or rubbish.
- In the late 1980s, Pacific Construction reported that an oil release was observed in a trench along west end of Forrest Avenue during construction activities.
- Two abandoned automobiles have been removed from the north portion (parcel 35) of the Subject Property.
- The three cylindrical tank-like structures observed on the west adjacent property contained molasses.
- There are no known environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the Subject Property.

- There are no and have not been any pits, ponds, or lagoons located on the Subject Property in connection with treatment or waste disposal.
- There is no past or current existence of hazardous substances, petroleum products or environmental violations with respect to the Subject Property or any facility located on the Subject Property.

7.2 Interviews with Past and Present Owners, Operators, and Occupants

Mr. Nick Keller, Hawaiian Dredging Construction Company, Site Occupant

Mr. Keller's knowledge is limited to the areas between the current Ala Moana WWPS buildings and parcel 44 of the Subject property. Mr. Keller provided ETC with following information:

- The Subject Property has been used for wastewater treatment purposes since 1900.
- There are known permits from the County and Federal Government for the operation of the facility. Permit details were unknown, however, the permits a likely related to the current Ala Moana WWPS facility.
- Potable water and sewer system infrastructure is provided by the County.
- All on-site drainage flows to the Ala Moana WWPS wet well located on the adjacent property.
- There has been no known burying or burning of any waste or rubbish.
- There are no service stations, maintenance shops, etc. on the adjoining properties.
- The Subject Property and/or adjoining properties are not used for dry cleaning operations, photo developing, junkyard, land filling, waste TSD, or recycling.
- There are two (2) diesel USTs and two (2) diesel ASTs in use on the current Ala Moana WWPS property, which is located adjacent to the Subject Property.
- There are two (2) wastewater pipelines located on or near the Subject Property. These pipelines are associated with the current Ala Moana WWPS facility operations.
- There are no known environmental liens or governmental notifications relating to past or recurrent violations of environmental laws with respect to the Subject Property.
- A de-watering pond was formerly used and located north of the Ala Moana WWPS (pump #2). The pond was previously used for construction purposes and has since been removed.
- The current Ala Moana WWPS discharges wastewater to Sand Island.

8.0 FINDINGS AND OPINIONS

8.1 Site Description

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

8.2 User Provided Information

Document review indicated that a boiler room was noted on the north portion (parcel 35) of the Subject Property in a 1953 City and County drawing. In addition, boilers were historically located and used on the south portion (parcels 43 and 44) of the Subject Property. Boilers historically use fuel oil, which was typically stored in USTs/ASTs. Based on ETC's review, these former structures (i.e. boiler room, boilers) are considered historical RECs for the Subject Property. Furthermore, based on ETC's file review findings, ETC cannot dismiss the potential presence of contamination resulting from the Historic Ala Moana Pumping Station operations and structures, therefore, these historical RECs are considered current RECs for the Subject Property.

8.3 Records Review

8.3.1 Standard Environmental Record Sources

Federal NPL

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

Federal CERCLIS and CERCLIS NFRAP

Database review of the *Kure Atoll, U.S. Coast Guard* active CERCLIS listing indicated that the facility listing likely pertained to the Kure Atoll, which is not located on the island of Oahu. Based on the location of the facility, ETC believes the facility does not pose a reasonable risk of impacting the Subject Property.

ETC's database review indicated that the *Hawaiian Electric Company Honolulu Generation Station, Amelco Corporation, and Queen Emmalani Tower* facilities were classified as "no further action" planned CERCLIS sites. In addition, all three facilities are located greater than 0.25 mile from the Subject Property. Based on database review findings, ETC believes these facilities do not pose a reasonable risk of impacting the Subject Property.

Federal RCRA CORRACTS

Review of the *Hawaiian Electric Company Generation Station* RCRA CORRACTS facility file at the DOH SHWB indicated that the facility was under a RCRA corrective action for the closure of three sumps at the Honolulu generator station. In addition, database review indicated that the facility is classified as a "low corrective action" priority. This facility is situated topographically crossgradient from the Subject Property, and it is located greater than 0.25-mile from the Subject Property. Therefore, based on ETC's file review, contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Federal RCRA (non-CORRACTS) TSD Facilities

Review of the *Hawaiian Electric Company Generation Station* RCRA TSD facility file at the DOH SHWB indicated that the facility's TSD activities include a used oil market burner and a used oil spec marketer. Although several violations were noted as a result of inspections conducted in 1986 and 2003, all violations generally pertained to documentation issues. This facility is situated topographically crossgradient from the Subject Property, and it is located greater than 0.25-mile from the Subject Property. Therefore, based on ETC's file review, contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Federal RCRA Generator

Review of the *Ala Moana Waste Water Pump Station* RCRA SQG facility file indicated that the facility is located on the south adjacent property. The facility is classified as a Conditionally Exempt SQG (CESQG) and no violations have been documented.

Database and file review of the *Contractors Equipment Service Corp.* and *State of Hawaii* RCRA SQG facility files indicated that both facilities may be located on the north portion of the Subject Property, however, the listed address for both facilities (607 Ala Moana Boulevard) were not an associated address of the Subject Property. No violations have been documented for the *State of Hawaii* facility. File review of the *Contractors Equipment Service Corp.* facility indicated that violations regarding the storage of waste oil and batteries have been documented. All potential violations were subsequently addressed and the facility was returned to compliance. In addition, no releases have been documented for *Contractors Equipment Service Corp.* facility. Based on database and file review findings, ETC believes that none of the database identified facilities pose a reasonable risk of impacting the Subject Property.

Federal Institutional Controls

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

Federal ERNS

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

State Equivalent NPL and CERCLIS

Subject Property

The Subject Property was identified as a SHWS facility, therefore, ETC requested and reviewed one (1) SHWS facility file at the DOH HEER Office. File review of the *Kakaako Pump Station (aka the Historic Ala Moana Pumping Station)* SHWS facility file indicated that AMEC Earth and Environmental, Inc. (AMEC) prepared a Phase I ESA report for the Subject Property in September 2004. AMEC's September 2004 Phase I ESA noted the following significant findings:

- Suspect asbestos containing material may be present in "1900 Pump House" structure and "1939 Pump House" located on the east portion of the Subject Property. Note that asbestos is considered a non-scope consideration per ASTM Practice, Section 13 and therefore, is outside the scope of work for this assessment.
- R.M. Towill Corporation (RMTC) conducted a Limited Phase II Environmental Site Investigation (ESI) on the west adjacent property (Ala Moana Wastewater Pump Station) in April 2003. RMTC's Limited Phase II ESI indicated impacts to both soil and groundwater at the facility. RMTC suspected that the observed impacts were likely due to the historic land filling operations in the Kakaako area. Note that soil and groundwater samples were also collected along the west border of the Subject Property. Analytical results indicated soil and groundwater impacts were present on the Subject Property. RMTC's April 2003 Limited Phase II ESI is further discussed below.

AMEC's Phase I ESA recommended that an asbestos survey; and a soil and groundwater investigation be performed on the Subject Property. AMEC's Phase I ESA report also included a parcel map of the Subject Property dated 1953. Review of this parcel map indicated the presence of the following structures. A copy of this map is included in Appendix III.

Table 2: 1953 Parcel Map

Observed Structure	Description and Location
Buried Reservoir	Apparent underground structure located on the east portion of the Subject Property.
Oil Res.	Apparent underground structure located on the east portion of the Subject Property.
Grease Rack	Located on the west portion of the Subject Property.
Boiler House	Located southwest and adjacent to the "1900 Pump House" on the west portion of the Subject Property.
Auto Shed	Located along the south portion of the Subject Property.
Buried Suction Chamber	Apparent underground structure located on east portion of the Subject Property north of the "1939 Pump House" structure.
Boiler Rm.	Noted within an apparent warehouse located on the west portion of the Subject Property.

Review of the 1953 parcel map indicated that the previous activities and facilities associated with the Kakaako Pump Station include the use and/or presence of boilers, oil res., etc. In addition, boilers historically use fuel oil which is typically stored in USTs/ASTs. Based on ETC's review, the apparent structures (i.e. boiler house, oil res., grease rack, etc.) are considered historical RECs for the Subject Property. Furthermore, based on ETC's file review findings, ETC cannot dismiss the potential presence of contamination resulting from the Historic Ala Moana Pumping Station operations and structures, therefore, these historical RECs are considered current RECs for the Subject Property.

Surrounding Areas

In addition to the Subject Property findings, database review indicated that thirty five (35) of the thirty nine (39) identified SHWS sites were classified as "no further action" sites, situated topographically downgradient or crossgradient from the Subject Property, and/or too distant to reasonably impact the Subject Property. Therefore, ETC reviewed four (4) SHWS facility files for the *Ala Moana #2 WWPS*, *Kakaako Brownfields Project – Unit 3*, *Kakaako Brownfields Project – Unit 6 (aka WRAF – Hawaiian Tuna Packers)*, and *Kakaako Brownfields Project – Unit 8* at the DOH HEER Office.

File and database review of the *Kakaako Brownfields Project – Unit 3*, *Kakaako Brownfield Project-Unit 8* and *Kakaako Brownfields Project-Unit 6 (aka WRAF-Hawaii Tuna Packers)* facilities indicated that site cleanup activities at all three facilities are currently ongoing. Investigative reports indicated that petroleum and heavy metal contaminants are present in the soil. However, with the exception of ethylbenzene at the *WRAF-Hawaii Tuna Packers* facility, significant impacts to the groundwater at these sites were not noted. In addition, all three facilities are located approximately 0.25 miles topographically crossgradient from the Subject Property. Based on review findings, ETC believes contaminant migration from these facilities do not pose a reasonable risk of impacting the Subject Property.

Review of the *Ala Moana #2 WWPS (aka the Ala Moana Waste Water Pump Station and Ala Moana WWPS)* facility file indicated that several site investigations have been performed on the facility. A Phase I ESI, dated November 1996 indicated that the "creation of the Kakaako district was through landfilling" and as such "there was a possibility that landfilling operations may have impacted the subsurface soil" at the facility. The Phase I ESI further indicated a potential for petroleum impacts from the nearby fuel handling facility.

A Limited Phase II ESI was subsequently conducted by R.M. Towill Corporation (RMTC) in April 2003 to assess the "presence or absence of soil and groundwater contamination at locations where future excavation" work was anticipated as "part of the Ala Moana WWPS Modification Project." Note that RMTC's site investigation activities were generally limited to the east portion of the Ala Moana WWPS facility and select offsite areas. Site investigation activities included 13 soil borings and 8 groundwater monitoring wells. In addition, 4 soil borings and 3 groundwater monitoring wells appeared to be located on the westernmost portion of the Subject Property. The soil and groundwater samples were analyzed for total petroleum hydrocarbons (TPH) as diesel (D), TPH as gas (G), TPH as oil (O), benzene/toluene/ethylbenzene/xylenes (BTEX), methyl tertiary butyl ether (MtBE), polynuclear aromatic hydrocarbons (PAHs), eight RCRA metals, halogenated volatile organic compounds (HVOCs), and PCBs. Analytical results indicated the presence of detectable concentrations of select TPH-O, BTEX, PAHs, and metals in the soil and/or groundwater on the Subject Property and the facility. The source of the contaminants identified during RMTC's Limited Phase II ESI was not determined, however, RMTC suspected that petroleum constituents may have originated from an offsite location. The presence of contaminants on the Subject Property documented in RMTC's Limited Phase II ESI is considered a REC for the Subject Property.

In November 2004, Environet Inc. (EI) conducted a site investigation for the west portion of the Ala Moana WWPS facility (aka Ala Moana #1 WWPS) in response to a "notice of interest issued by the DOH, which requested further evaluation." Note that EI's site investigation was limited to the west portion of the Ala Moana WWPS facility. Results of EI's site investigation indicated that detectable concentrations of metals, TPH and PAHs were present in the soil and/or groundwater at the facility. The distribution of lead concentrations within the soil and groundwater were attributed to the fill material which was used to build the site and surrounding areas. EI's site investigation concluded that given the current land use conditions, "no further investigation or remedial action" was warranted at the facility.

The Ala Moana WWPS is considered a historical REC for the Subject Property. Based on ETC's file review findings coupled with the fact that the facility is located adjacent to the Subject Property, ETC cannot dismiss the possibility of offsite contaminant migration. As such, this historical REC is considered a current REC for the Subject Property.

In addition to site investigation findings, file review also indicated that the Kakaako area was historically created with fill material which may contain metal contaminants. Given that the area may have been created with fill materials coupled with fact that metal contaminants were noted on the Subject Property and the adjacent Ala Moana WWPS, the potential impacts to soil and groundwater on the Subject Property resulting from the historical filling operations is considered a REC for the Subject Property.

State Landfill and/or Solid Waste Disposal

Although the database did not identify any SWF/LF facilities within a 0.5 mile radius of the Subject Property, the former *Kewalo Incinerator/Ash Dump* is located approximately 1,000 feet south of the Subject Property. Therefore, ETC reviewed the *Kewalo Incinerator/Ash Dump* facility file at the DOH HEER Office. The *Kewalo Incinerator/Ash Dump* facility is further discussed in the State Leaking Underground Storage Tanks Section and therefore will not be repeated here.

State Leaking Underground Storage Tanks

Database review indicated thirty four (34) of the forty (40) LUST sites were classified as “no further action” sites; disconfirmed releases; situated topographically downgradient or crossgradient from the Subject Property; and/or too distant to reasonably impact the Subject Property. Therefore, ETC reviewed six (6) LUST facility files for the *Central Division Headquarters, Honolulu Ford, Kewalo Incinerator, Kakaako Fire Department, WRAF-Hawaiian Tuna Packers, and Melim Bldg.* sites at the DOH SHWB. In addition to the six (6) “open” LUST facility identified in the database, ETC also reviewed one “no further action” LUST facility file for *Central Division Headquarters (9-100496)*, which is located adjacent and/or in close proximity to the Subject Property. Note that the *WRAF-Hawaiian Tuna Packers* facility was discussed in the State Equivalent NPL and CERCLIS Section and therefore will not be repeated here.

Review of the *Central Division Headquarters* facility file indicated that a release was observed during the closure of a 10,000 gallon gasoline UST in May 1997. Release response activities were performed including contaminant plume delineation. Groundwater monitoring was conducted and the facility was subsequently issued a letter on September 25, 1998 from the DOH SHWB indicating that “no further action” was required in response to the release. Based on file review findings, ETC believes that contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Review of the *Honolulu Ford* LUST facility file indicated that a release was observed during the closure of one 12,500 gallon used oil UST in June 2005. Subsequent release response activities were performed including contaminant plume delineation. In addition, the facility was issued a letter in August 2006 from the DOH SHWB indicating that “no further action” was required in response to the release. Based on file review findings, ETC believes that contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Review of the *Kewalo Incinerator* LUST facility file indicated that a release was observed during the closure one 1,500 gallon diesel UST in September 1994. The former UST was not considered to be a RCRA regulated UST, therefore, the facility file was transferred to the DOH HEER office for direct oversight. As such, ETC requested and reviewed the *Kewalo Incinerator* facility file at the DOH HEER Office. Note that the DOH HEER Office file also included documentation regarding other non-UST releases. File review of the *Kewalo Incinerator/Ash Dump* facility indicated that site cleanup activities have been completed. The subsurface soils at the facility were noted to be impacted with heavy metals. The facility was capped and is currently the Kakaako Waterfront Park and is used for recreational purposes. In addition, database review also indicated that the current facility usage is an institutional control (use restriction). Furthermore, the facility is located topographically downgradient from the Subject Property. Therefore, based on ETC's file review findings, ETC believes that contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Review of the *Fuller O'Brien Paint* facility file indicated that a release was observed during the closure of two USTs in 1985. Subsequent release response activities were performed including contaminant plume delineation and the facility received a letter from the DOH SHWB on September 23, 1993 indicating "no further action" was required to address the release. A second release was observed during the removal of a UST in February 1994. Subsequent release response activities were performed; however, site cleanup has not been completed. Specifically, review of investigative reports indicated that the contaminant plume was not completely delineated to the east. Note that the Subject Property is located west of the facility. In addition, the facility is located topographically crossgradient from the Subject Property. Therefore, based on file review findings, ETC believes that contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Review of the *Kakaako Fire Department* LUST facility file indicated that a release was reported during the closure of three USTs in August 1999. Subsequent release response activities were performed including contaminant plume delineation. The facility has not been issued a "no further action" letter, however, the most recent groundwater monitoring report, dated December 2003 indicated that all concentrations were below DOH Tier 1 Action Levels. Therefore, based on file review findings, ETC believes that contaminant migration from this facility does not pose a reasonable risk of impacting the Subject Property.

Review of the *Melim Building* LUST facility file indicated that a release was reported during a site investigation in January 1991. The site investigation was not available; therefore, a subsurface investigation was performed in 1992. The USTs were subsequently removed and were confirmed to be leaking in March 1993. Subsequent release response activities were performed including contaminant plume delineation. Groundwater monitoring is currently ongoing. Based on the current status of the facility coupled with the fact that the facility is located greater than 0.25 mile from the Subject Property, ETC believes that this facility does not pose a reasonable risk to the Subject Property.

State Registered Underground Storage Tanks

Database review indicated that twenty (20) of twenty one (21) UST sites were not located adjacent to the Subject Property. Based on database review findings, ETC believes these facilities do not pose a reasonable risk of impacting the Subject Property. There ETC requested UST facility files for the *Ala Moana #2 Waste Water Pump Station* site at the DOH SHWB.

Review of the *Ala Moana #2 Waste Water Pump Station* facility file indicated that one 10,000 gallon UST containing diesel is currently in operation at the facility. A recent inspection by the DOH indicated that no violations were noted. Based on the results of the most recent site inspection, ETC believes that this facility does not pose a reasonable risk of impacting the Subject Property.

State Institutional Control Registry

Database review indicated that the Subject Property (*Kakaako Pump Station*) is currently under evaluation for use restrictions. Review of the *Kakaako Pump Station* facility file at the DOH HEER Office did not indicate any institutional controls for the Subject Property. This Subject Property listing is likely related to the current Brownfields listed for the Subject Property. The *Kakaako Pump Station* was discussed in the State Equivalent NPL and CERCLIS Section and therefore will not be repeated here.

State Voluntary Cleanup/Response Sites

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

State Brownfields

Review of the Subject Property facility files indicated that the Subject Property is listed as a State Brownfields site. Subject Property file review findings were discussed in the State Equivalent NPL and CERCLIS Section and therefore will not be repeated here. The three (3) State Brownfields sites (*Kakaako Brownfields Project – Unit 3, Kakaako Brownfield Project-Unit 8 and Kakaako Brownfield Project-Unit 6*) identified by the database were discussed in the State Equivalent NPL and CERCLIS Section and therefore will not be repeated here.

Unmappable/Orphan Sites

The *Ala Moana Wastewater Pump Sta* facility was identified as a FINDS facility. The Facility Index System/Facility Registry System (FINDS) identifies facility information and 'pointers' to other sources that contain more detail. The *Ala Moana Wastewater Pump Sta* FINDS listed pertained to the permit compliance database (PCS). The *Ala Moana Wastewater Pump Sta (aka Ala Moana WWPS)* facility was in the Federal RCRA Generator, State Equivalent NPL and CERCLIS, and State Registered UST Sections and therefore will not be repeated here.

8.3.2 Additional Environmental Record Sources

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

8.3.3 Historical Use Information on the Subject and Adjoining Properties

Aerial Photograph Review

Review of the 1978 aerial photograph indicated that three apparent cylindrical tank-like structures were observed on the west adjacent property. Mr. Kanemoto (HCDA) indicated that these tanks were used to stored molasses. No other significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

Fire Insurance Maps

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

Property Tax Files and Land Title Records

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

Building Permits

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

8.4 Site Reconnaissance

ETC observed one apparent well and pump on the south portion (parcels 43 and 44) of the Subject Property. In addition, ETC personnel also observed two apparent circular cuts in the concrete groundcover and a cylindrical structure in the vicinity of the suspect well. No apparent releases or evidence of past releases into these structures were observed and all structures appeared to be covered or sealed and in relatively sound condition. Note that HCDA personnel could not provide ETC with any additional information regarding this well. In addition, the apparent well was not documented as part of the GeoCheck Addendum of the EDR report. Since no evidence of a release or potential release was observed during site reconnaissance activities and the structures appeared to be relatively sound condition, these structures are not considered a REC for the Subject Property. Note that although the apparent well is not considered a REC, wells are potential conduits for contamination to the groundwater. As such, the apparent well should be properly removed or closed.

Evidence of a past release (black stain) near apparent defunct electrical equipment was noted in the "1939 Pump House" structure. The groundcover in the vicinity of the staining was noted to be in good condition with no visible cracks or depressions, therefore, this staining is considered a *de minimis* condition.

Apparent black-gray ash was observed within the "chimney/vent stack" structure which is attached to the west side of the "1900 Pump House" building. Based on ETC's site reconnaissance activities coupled with the historic use of the Subject Property, ETC cannot dismiss the potential presence of contamination resulting from the former "chimney/vent stack" operations and the apparent observed ash, therefore, this finding is considered a REC for the Subject Property.

No other significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

8.5 Interviews

No significant findings to indicate suspect RECs, historical RECs, or *de minimis* conditions were identified.

9.0 DATA GAPS

Data gaps, which are defined as the lack of or inability to obtain information required for this Phase I ESA despite good faith efforts by the environmental professional to gather such information, were identified during this Phase I ESA. ETC identified the following data gaps:

- Several tenants were not interviewed however, based on the current operations of the Subject Property coupled with extensive historical information document provide by HCDA (Subject Property owner), ETC does not believe these data gaps were significant.
- ETC was unable to inspect all accessible areas of the Subject Property. Specifically, ETC was unable to inspect a temporary office structure, and portions of the "1939 Pump House" and "Screen House." However, Mr. Kuitunen indicated that the inaccessible area of the "Screen House" was used for storage purposes. In addition, the remaining inaccessible areas of the "1939 Pump House" and "Screen House" were permanently sealed off to prevent access to the sublevel structures of the Historic Ala Moana Pumping Station. Additionally, although the temporary office structure was inaccessible, visual observations of this area were made via windows and doorways was conducted. As such, these data gaps were not considered significant.

10.0 CONCLUSIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-05 of 240 Keawe Street, Honolulu, Hawaii, the Subject Property. Any exceptions to, or deletions from, the ASTM Practice E1527-05 are described in Section 11.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Subject Property except for the following:

- The potential impacts associated with the Historic Ala Moana Pumping Station operations and structures (i.e. boilers, grease rack, etc.).
- The potential impacts resulting from the former "chimney/vent stack" operations and the apparent observed ash.
- The potential presence of petroleum and metals impacted soil and groundwater on the Subject Property as documented in RMTC's Limited Phase II ESI.
- The potential offsite contaminant migration from the Ala Moana WWPS facility to the Subject Property.
- The potential impacts to soil and groundwater on the Subject Property resulting from the historical filling operations.

11.0 DEVIATIONS AND ADDITIONAL SERVICES

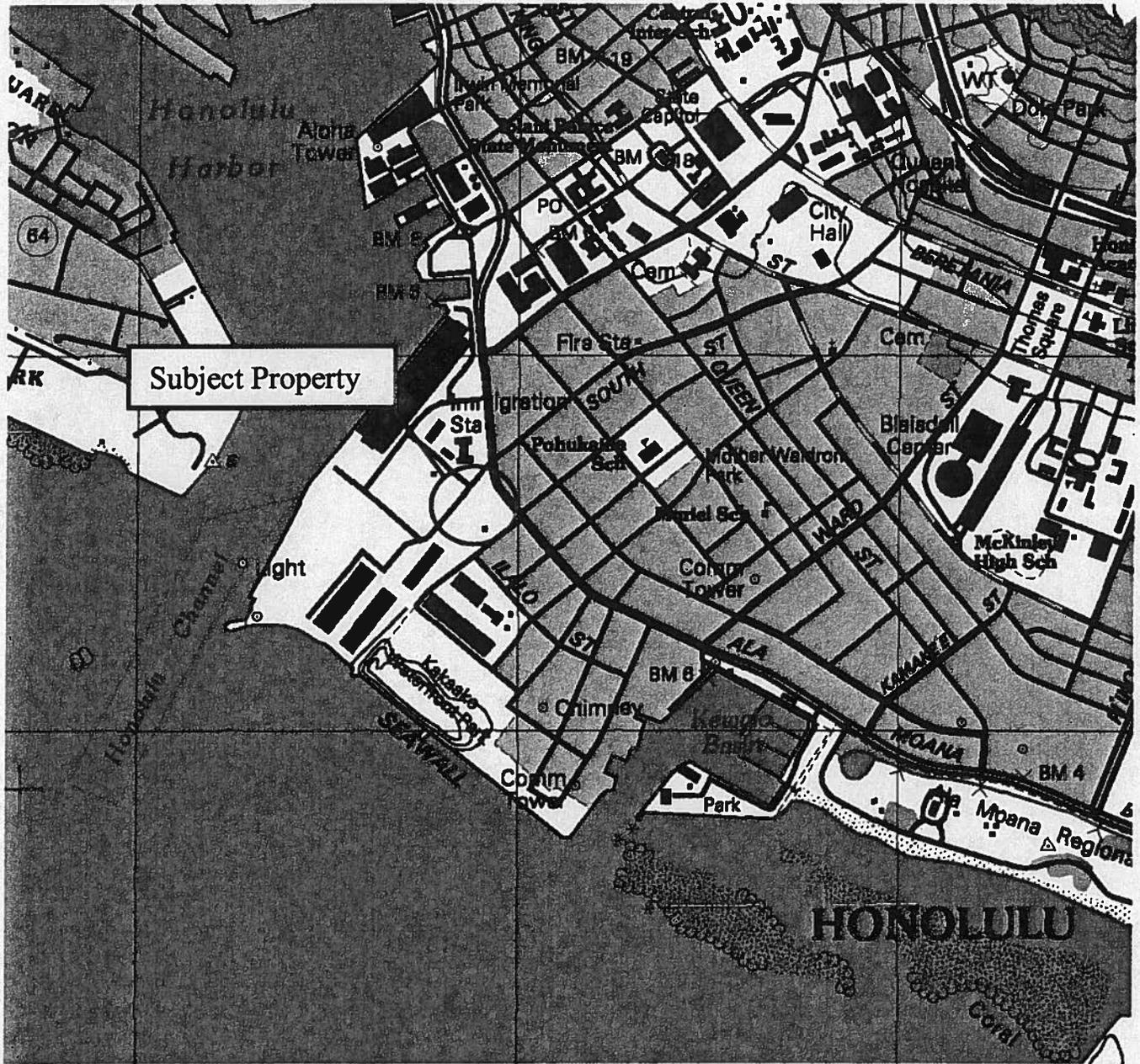
No client imposed constraints or additions were requested. No additional services were requested by ETC's Client. As such, there were no deviations and/or deletions from the ASTM Practice E1527-05 upon completion of this Phase I ESA.

12.0 REFERENCES

- ASTM International. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-05.
- City and County of Honolulu, Department of Planning and Permitting, Building Permit Records.
- Environmental Data Resources, Inc. Date. *Sanborn® Map Report*. Order No. 1794983.3s.
- Environmental Data Resources, Inc. Date. *The EDR Radius Map with GeoCheck*. Report Inquiry No.1794983.2s.
- Macdonald, G.A., A.T. Abbot, and F.L. Peterson. 1983. *Volcanoes and the Sea*. University of Hawaii Press.
- Mink, John F. and Stephen L. Lau. March 1990. Aquifer Identification and Classification for Oahu: Groundwater Protection Strategy for Hawaii.
- University of Hawaii. Aerial Photographs of Hawaii, 1952, 1959, 1963, 1968, 1978, 1992, 1993 and 2000.
- State of Hawaii Department of Health, Hazard Evaluation and Emergency Response Office.
- State of Hawaii Department of Health, Solid and Hazardous Waste Branch, RCRA, UST, and LUST Files.
- State of Hawaii Taxation Map Bureau, Tax Map Key (1) 2-1-015: 035, 043, 044.
- U.S. Department of Agriculture Soil Conservation Service. 1972. Soil Survey of the Islands of Kauai, Oahu, Maui, Molokai, and Lanai, State of Hawaii.
- U.S. Department of Interior Geological Survey. 1998. Honolulu Quadrangle, 7.5 Minute Series (Topographic Map).

APPENDIX I

FIGURES



Source:
 Image Peak Systems Corporation 2003
 U.S. Department Of Geological Services
 Honolulu Quadrangle, Island of Oahu, 7.5 Minute Series, 1998

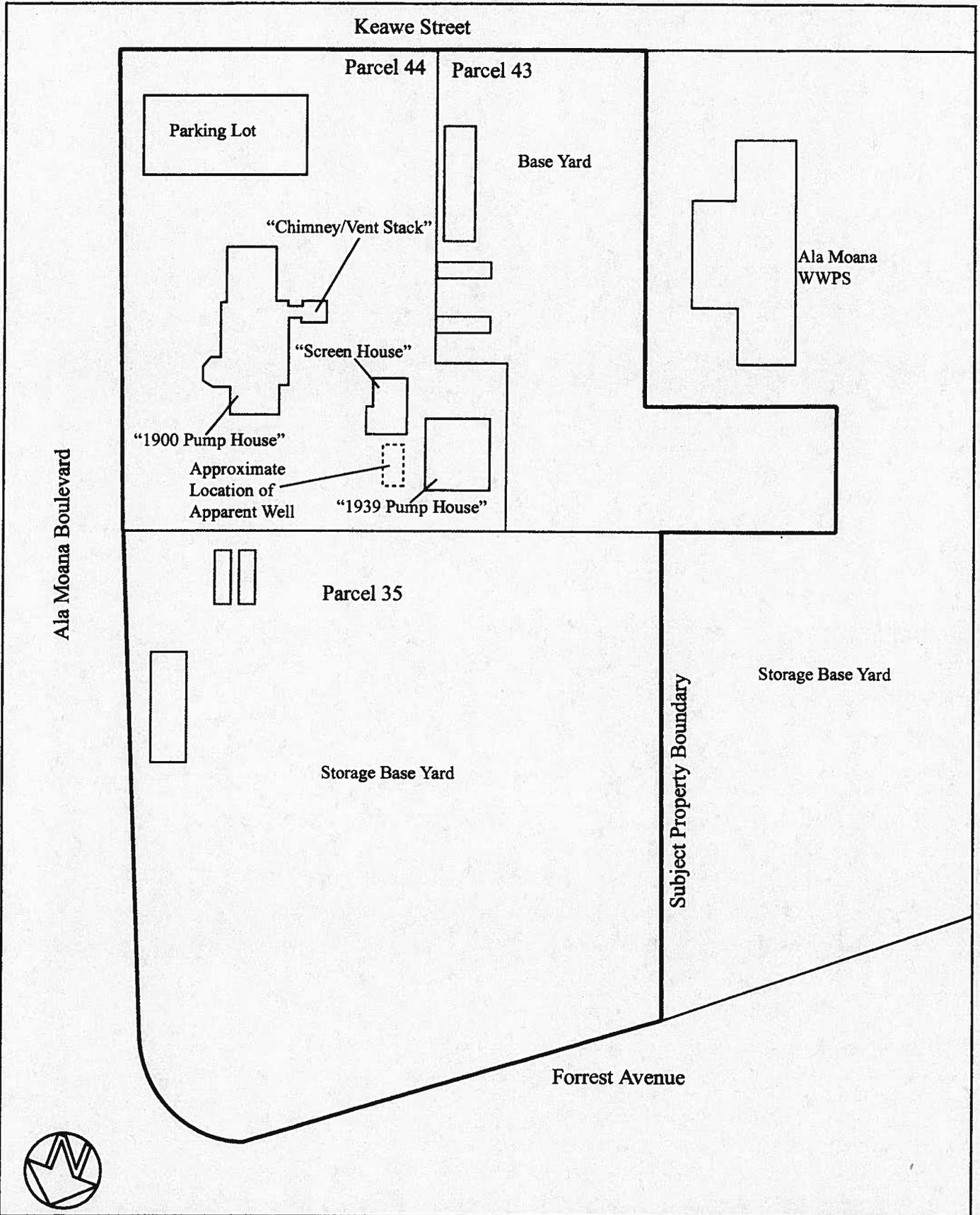


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Project: 06-2010

March 2007

Figure 1 - Site Location Map
 Phase I ESA
 Historic Ala Moana Pumping Station
 240 Keawe Street
 Honolulu, Oahu, Hawaii



- Storage Container
- Temporary Office Structure



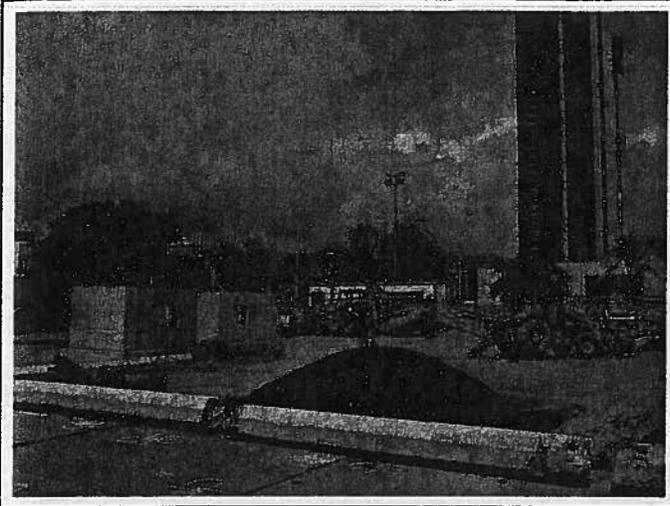
Project: 06-2010

 March 2007

Figure 2 - Site Plan
 Phase I ESA
 Historic Ala Moana Pumping Station
 240 Keawe Street
 Honolulu, Oahu, Hawaii

APPENDIX II

PHOTOGRAPHIC DOCUMENTATION



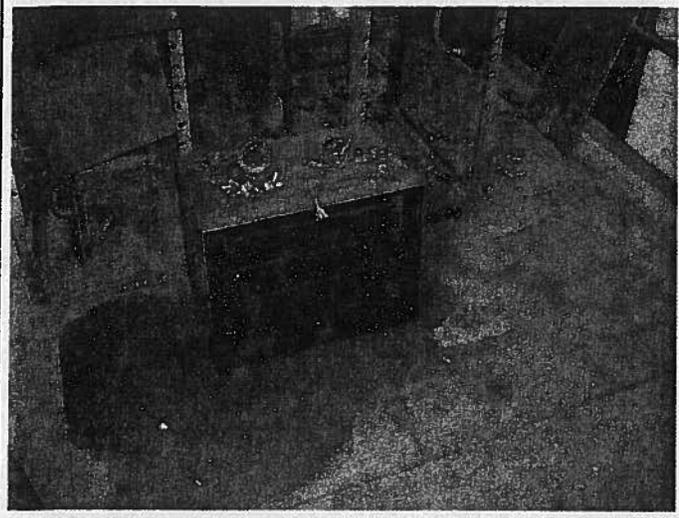
Photograph 1: View of north portion of Subject Property (parcel 35).



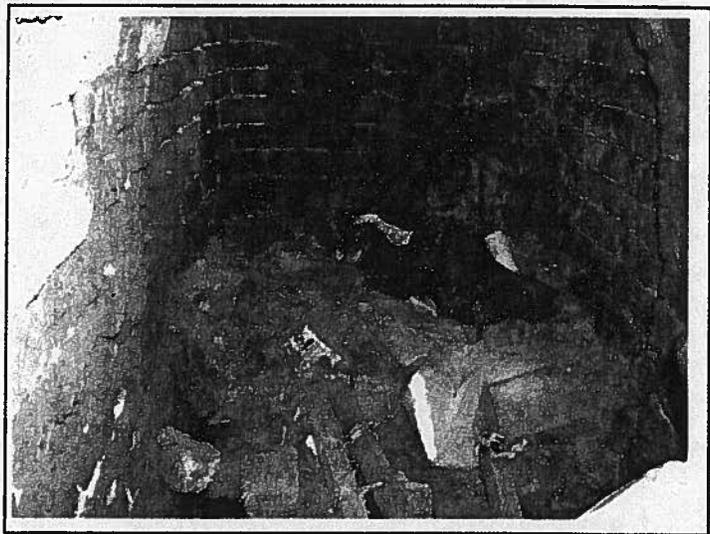
Photograph 2: View of southwest portion of Subject Property (parcel 43).



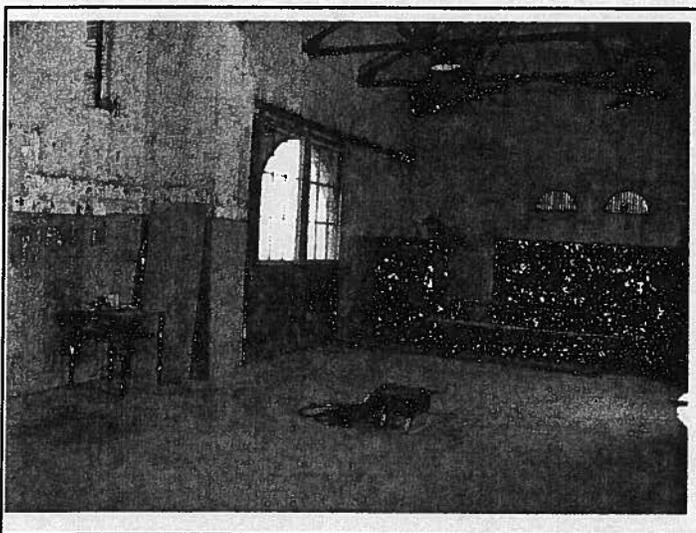
Photograph 3: View of southeast portion of Subject Property (parcel 44).



Photograph 4: View of surface staining in “1939 Pump House” located on the south portion of the Subject Property.



Photograph 5: Interior view of “chimney/vent stack” located on the south portion of the Subject Property.



Photograph 6: Interior view of the “1900 Pump House” located on the south portion of the Subject Property.



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Project: 06-2010

March 2007

Photographic Documentation

Phase I ESA

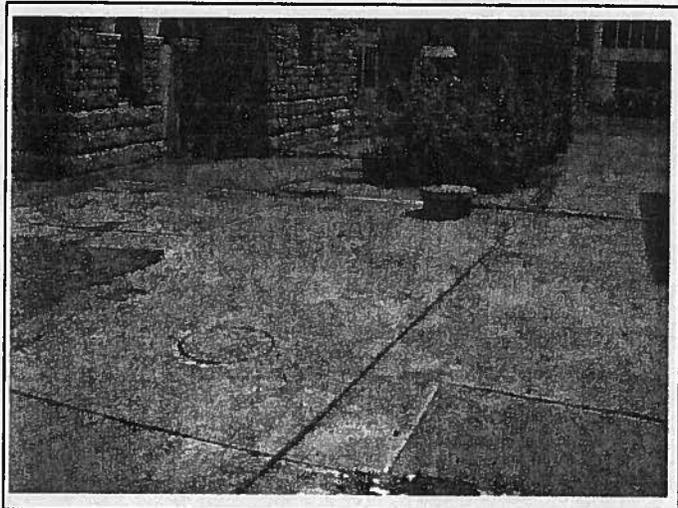
Historic Ala Moana Pumping Station

240 Keawe Street

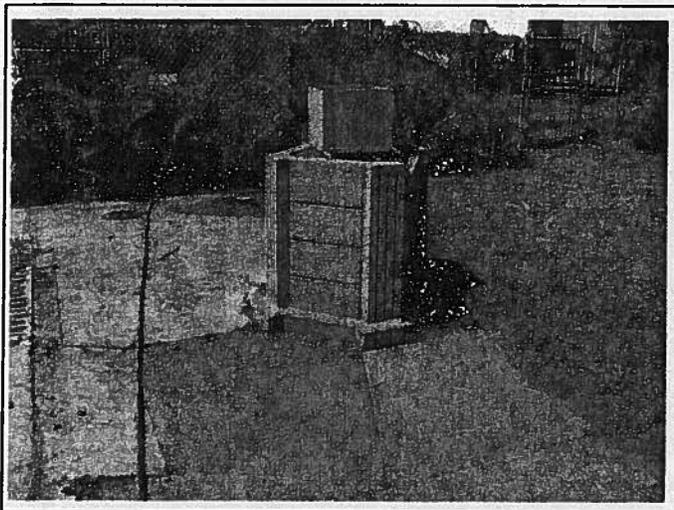
Honolulu, Oahu, Hawaii



Photograph 7: View of sub level area of the "1939 Pump House" located on the south portion of the Subject Property .



Photograph 8: View of apparent circular cuts in the concrete and cylindrical structure located on the south portion of the Subject Property.



Photograph 9: View of apparent well and pump located on the southern portion of the Subject Property.



**EnviroServices &
Training
Center, LLC**

Project: 06-2010

March 2007

Photographic Documentation

Phase I ESA

Historic Ala Moana Pumping Station

240 Keawe Street

Honolulu, Oahu, Hawaii

APPENDIX III

HISTORICAL RESEARCH DOCUMENTATION (I.E. BUILDING PERMITS, ETC.)



EDR® Environmental
Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Tim Tybuszewski
Enviro Svcs. and Trng.
2850 Paa Street
Honolulu, HI 96819

Order Date: 11/10/2006 **Completion Date:** 11/14/2006

Inquiry #: 1794983.3S

P.O. #: NA

Site Name: Ala Moana Pump Station

Address: 240 Keawe Street

City/State: Honolulu, HI 96813

Customer Project: NA

1015180BRU 808-533-7222

Cross Streets:

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

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EDR Historical Topographic Map Report

**Ala Moana Pump Station
240 Keawe Street
Honolulu, HI 96813**

Inquiry Number: 1794983.4

November 13, 2006



**EDR® Environmental
Data Resources Inc**

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Rd
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

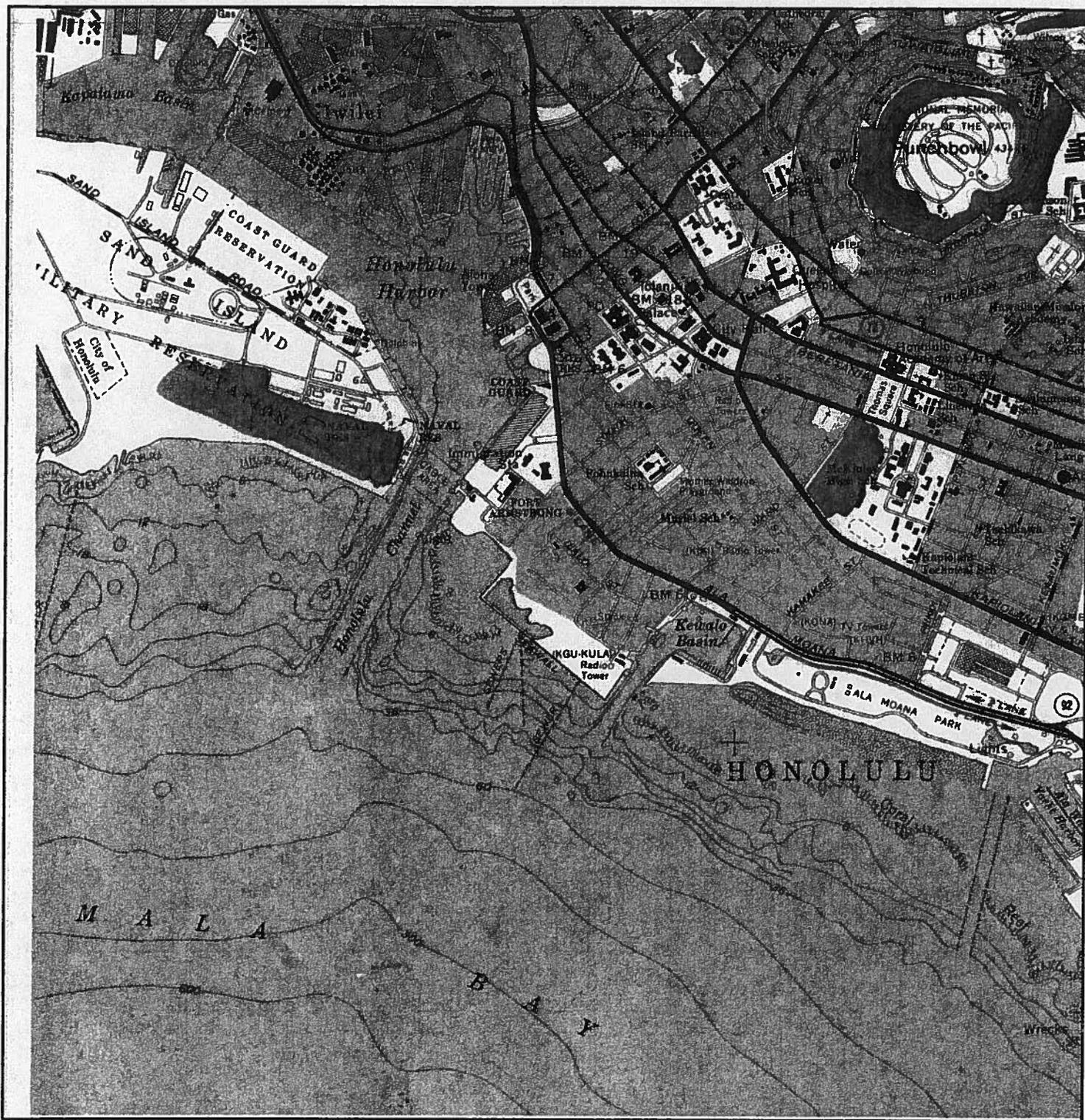
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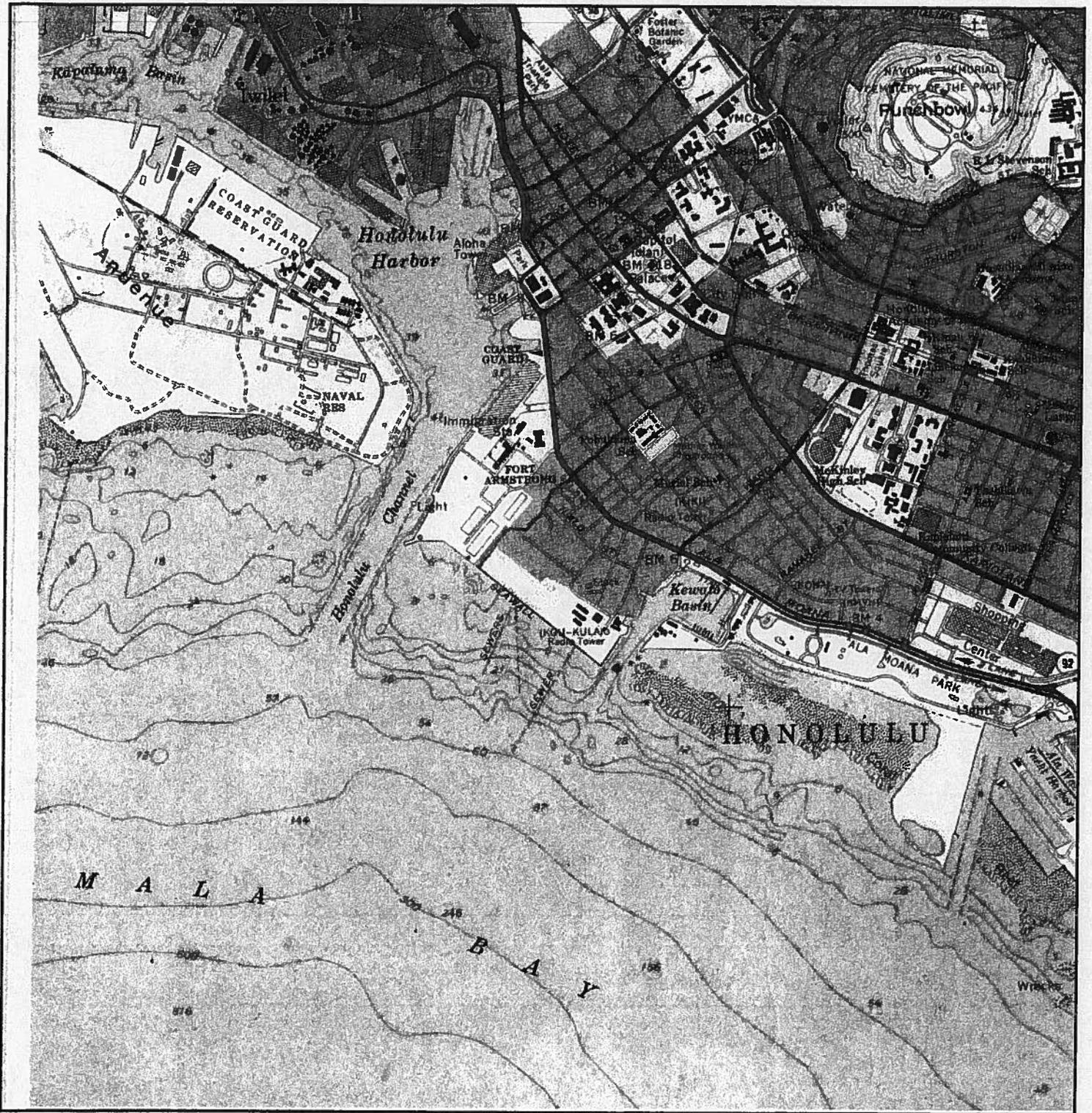
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Historical Topographic Map



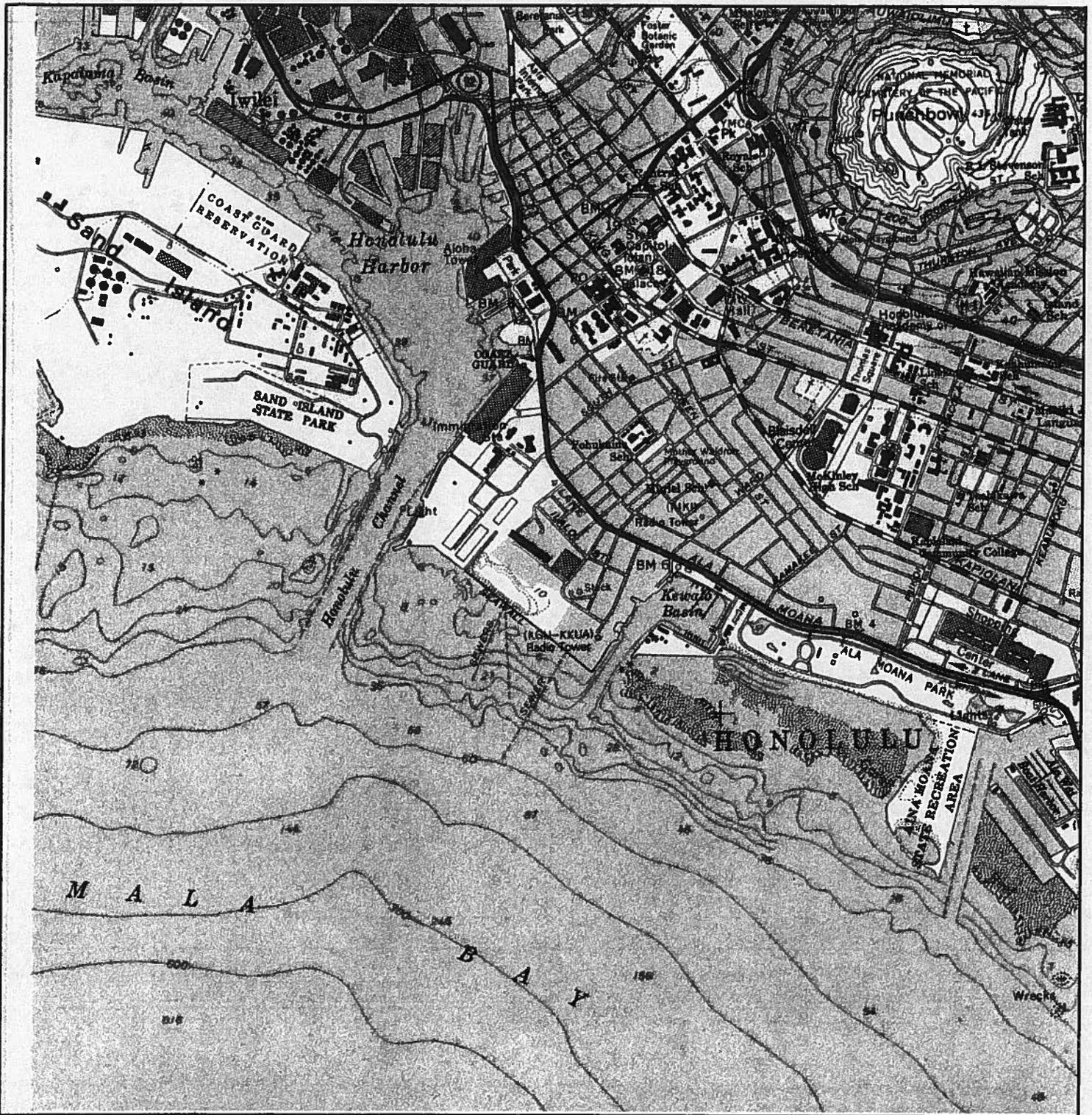
<p>N ↑</p>	<p>TARGET QUAD NAME: HONOLULU, HI MAP YEAR: 1959</p>	<p>SITE NAME: Ala Moana Pump Station</p>	<p>CLIENT: Enviro Svcs. and Trng. Center</p>
	<p>SERIES: 7.5 SCALE: 1:24,000</p>	<p>ADDRESS: 240 Keawe Street Honolulu, HI 96813</p>	<p>CONTACT: Tim Tybuszewski INQUIRY#: 1794983.4 RESEARCH DATE: 11/13/2006</p>
<p>M A L A B A Y</p>		<p>LAT/LONG: 21.2975 / 157.8632</p>	

Historical Topographic Map



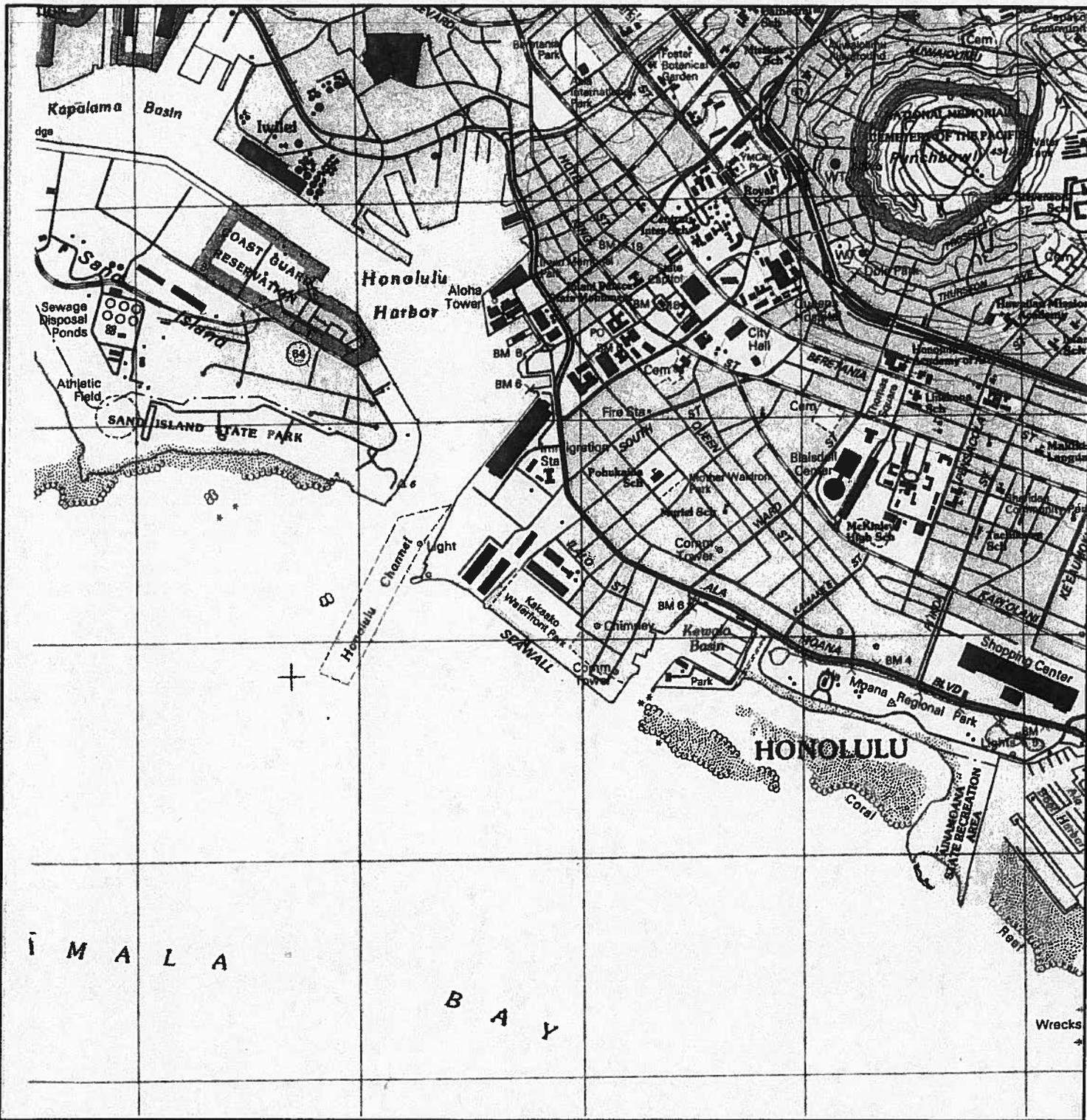
N 	TARGET QUAD NAME: HONOLULU, HI MAP YEAR: 1969	SITE NAME: Ala Moana Pump Station ADDRESS: 240 Keawe Street Honolulu, HI 96813 LAT/LONG: 21.2975 / 157.8632	CLIENT: Enviro Svcs. and Trng. Center CONTACT: Tim Tybuszewski INQUIRY#: 1794983.4 RESEARCH DATE: 11/13/2006
	SERIES: 7.5 SCALE: 1:24,000		

Historical Topographic Map



N 	TARGET QUAD NAME: HONOLULU, HI MAP YEAR: 1983	SITE NAME: Ala Moana Pump Station ADDRESS: 240 Keawe Street Honolulu, HI 96813	CLIENT: Enviro Svcs. and Trng. Center CONTACT: Tim Tybuszewski INQUIRY#: 1794983.4 RESEARCH DATE: 11/13/2006
	SERIES: 7.5 SCALE: 1:24,000	LAT/LONG: 21.2975 / 157.8632	

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: HONOLULU, HI MAP YEAR: 1998</p>	<p>SITE NAME: Ala Moana Pump Station</p>	<p>CLIENT: Enviro Svcs. and Trng. Center</p>
	<p>SERIES: 7.5 SCALE: 1:24,000</p>	<p>ADDRESS: 240 Keawe Street Honolulu, HI 96813 LAT/LONG: 21.2975 / 157.8632</p>	<p>CONTACT: Tim Tybuszewski INQUIRY#: 1794983.4 RESEARCH DATE: 11/13/2006</p>

11-11-54

DESCRIPTION

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41
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Ala Moana
 For Prop. Recd Ord #5088 et al
 OWNER

United States Army
 TITLE HISTORY
 351
 For 1940 51.706 Tr. T.H.
 For 1950 TMB 1.13/50 area corrected
 For 1951 #90224 or 0.6646 to 2157-03
 For 1956 Lot 3, 2.1816 to 2157-31 & Lot 7, 0.0316 to 2157-4
 For 1956 area corrected to 81.5846
 For 1957 60.9046 to 2-1-57-5
 Dt 7/12/63 to State of Hawaii 1.2866 (to par 04) 185-- 7/22/63 Bk 4558/431
 Dt 8/19/64 to SH 959178 Bk 4-- (to 2157-4) 8/28/64 Bk 1827/267
 Dt 12/2/65 to SH 5,434 sq (to 2157-4) NS Home 12/7/65 Bk 5203/343
 O/D: 12/3/80 to State of Hawaii 1.338 ac to 2157-04 & area revised to 1.450 ac
 12/6/81 Bk 16018/440
 (For 1984 & prior years keyed to 2157-02 TMB 12447 84)

NET AREA
 83.42ac
 87.51ac
 83.95ac
 81.71ac
 81.58ac
 11.68ac
 10.38ac
 8.228ac
 2.794ac
 1.450ac

YEAR	AREA	LAND	IMP.	TOT.	EX.	NET	TAX
1918	83.301ac	66619	319416	386207	386207		
1919	83.301ac	66619	319416	386207	386207		
1920	83.42ac	66704	319416	386207	386207		
1921	83.42ac	66704	319416	386207	386207		
1922	83.42ac	66704	319416	386207	386207		
1923	83.42ac	66704	319416	386207	386207		
1924	83.42ac	66704	319416	386207	386207		
1925	83.42ac	66704	319416	386207	386207		
1926	83.42ac	66704	319416	386207	386207		
1927	83.42ac	66704	319416	386207	386207		
1928	83.42ac	66704	319416	386207	386207		
1929	83.42ac	66704	319416	386207	386207		
1930	83.42ac	66704	319416	386207	386207		
1931	83.42ac	66704	319416	386207	386207		
1932	83.42ac	66704	319416	386207	386207		
1933	83.42ac	66704	319416	386207	386207		
1934	83.42ac	66704	319416	386207	386207		
1935	83.42ac	66704	319416	386207	386207		
1936	83.42ac	66704	319416	386207	386207		
1937	83.42ac	66704	319416	386207	386207		
1938	83.42ac	66704	319416	386207	386207		
1939	83.42ac	66704	319416	386207	386207		
1940	83.42ac	66704	319416	386207	386207		
1941	83.42ac	66704	319416	386207	386207		
1942	83.42ac	66704	319416	386207	386207		
1943	83.42ac	66704	319416	386207	386207		
1944	83.42ac	66704	319416	386207	386207		
1945	83.42ac	66704	319416	386207	386207		
1946	83.42ac	66704	319416	386207	386207		

YEAR	AREA	LAND	IMP.	TOT.	EX.	NET	TAX
1947	83.42ac	66704	319416	386207	386207		
1948	83.42ac	66704	319416	386207	386207		
1949	83.42ac	66704	319416	386207	386207		
1950	83.42ac	66704	319416	386207	386207		
1951	83.42ac	66704	319416	386207	386207		
1952	83.42ac	66704	319416	386207	386207		
1953	83.42ac	66704	319416	386207	386207		
1954	83.42ac	66704	319416	386207	386207		
1955	83.42ac	66704	319416	386207	386207		
1956	83.42ac	66704	319416	386207	386207		
1957	83.42ac	66704	319416	386207	386207		
1958	83.42ac	66704	319416	386207	386207		
1959	83.42ac	66704	319416	386207	386207		
1960	83.42ac	66704	319416	386207	386207		
1961	83.42ac	66704	319416	386207	386207		
1962	83.42ac	66704	319416	386207	386207		
1963	83.42ac	66704	319416	386207	386207		
1964	83.42ac	66704	319416	386207	386207		
1965	83.42ac	66704	319416	386207	386207		
1966	83.42ac	66704	319416	386207	386207		
1967	83.42ac	66704	319416	386207	386207		
1968	83.42ac	66704	319416	386207	386207		
1969	83.42ac	66704	319416	386207	386207		
1970	83.42ac	66704	319416	386207	386207		
1971	83.42ac	66704	319416	386207	386207		
1972	83.42ac	66704	319416	386207	386207		
1973	83.42ac	66704	319416	386207	386207		
1974	83.42ac	66704	319416	386207	386207		
1975	83.42ac	66704	319416	386207	386207		
1976	83.42ac	66704	319416	386207	386207		
1977	83.42ac	66704	319416	386207	386207		
1978	83.42ac	66704	319416	386207	386207		
1979	83.42ac	66704	319416	386207	386207		
1980	83.42ac	66704	319416	386207	386207		
1981	83.42ac	66704	319416	386207	386207		
1982	83.42ac	66704	319416	386207	386207		
1983	83.42ac	66704	319416	386207	386207		
1984	83.42ac	66704	319416	386207	386207		
1985	83.42ac	66704	319416	386207	386207		
1986	83.42ac	66704	319416	386207	386207		
1987	83.42ac	66704	319416	386207	386207		
1988	83.42ac	66704	319416	386207	386207		
1989	83.42ac	66704	319416	386207	386207		
1990	83.42ac	66704	319416	386207	386207		
1991	83.42ac	66704	319416	386207	386207		
1992	83.42ac	66704	319416	386207	386207		
1993	83.42ac	66704	319416	386207	386207		
1994	83.42ac	66704	319416	386207	386207		
1995	83.42ac	66704	319416	386207	386207		
1996	83.42ac	66704	319416	386207	386207		
1997	83.42ac	66704	319416	386207	386207		
1998	83.42ac	66704	319416	386207	386207		
1999	83.42ac	66704	319416	386207	386207		
2000	83.42ac	66704	319416	386207	386207		

STATE OF HAWAII DEPARTMENT OF TAXATION
PROPERTY ASSESSMENT DIVISION
TAX MAPS BRANCH

FORM 9-15 HISTORY SHEET

TAX MAPS BRANCH HISTORY SHEET

DATE	LOCATION	GRANTOR, ETC.	AREA OF PARCEL	Z	PLAT	DIV.
	Kakaako, Ala Moana			2	1	9
	13	Page 404 As Shown on Tax Maps	90.948 Ac			
		GRANTOR, ETC.				
		State of Hawaii (DOT-HD)				
		CONTAINER-YARD & HARBOR SUPPORT				
		Facilities				
		Exec Ord 227R etc				
14	TMB 42966'84	FYH/jr 1/28/85				
	R/S: (143.547 or 3.295 Ac) dropped into		86.433 Ac			
	2115-34(New)					
	(53.141 or 1.220 Ac) dropped into					
	2115-35 (New)					
	F/D: Area, Bdry					
15	TMB 13264'85	FYH/bn 5/16/85				
	R/S: From 2115-34(2) 143.547 of 3.295 Ac		89.728 Ac			
	F/D: Area, bdry					
16	TMB 18737'86	WK/jr 6/17/86				
	R/S: From 2115-32 (352 of 0.008 Ac)		89.736 Ac			
	F/D: Area, Bdry					
17	TMB 42047'86	WK/jr 12/5/86				
	R/S: (992 of 0.923 Ac) dropped into		89.713 Ac			
	2115-36(New)					
	F/D: Area, Bdry					
18	TMB 42053'86	WK/jr 12/5/86				
	R/S: (19.602 of 0.450 Ac) dropped into		89.263 Ac			
	2115-37					
	F/D: Area, Bdry					

NOTE: INFORMATION ON THIS SHEET IS SUBJECT TO CHANGE



TAX MAPS BRANCH HISTORY SHEET

DATE	LOCATION	TITLE	NO.	PAGE	GRANTOR, ETC.	AREA OF PARCEL	GRANTEE, ETC.	DIV.
	Kaunaloa, Ala Moana		9	1	AS shown on tax maps	70.040 Ac	State of Hawaii (Dept of Transp-Harbors Div) CONTAINER-YARD & HARBOR SUPPORT FACILITIES Exec Ord 2278 etc	15 9
			10		TMB 16031'84 R/S: From 2157-4(15) 11.489 Ac E/D: Area & bdry	81.529 Ac	do	
			11		TMB 16032'84 R/S: From 2157-11(11) 17.763 Ac E/D: Area & bdry	99.292 Ac	do	
			12		TMB 26649'84 R/S: (361,750 ⁰⁰ or 8.305 Ac) dropped into 2115-30 (New) F/D: Area, Bdry	90.987 Ac	do	
			13		TMB 30870'84 R/S: (336 ⁰⁰ or 0.008 Ac) dropped into 2115-31(New) (1036 ⁰⁰ or 0.024 Ac) dropped into 2115-32(New) (232 ⁰⁰ or 0.005 Ac) dropped into 2115-33(New) (107 ⁰⁰ or 0.002 Ac) Dropped into 2115-29	90.948 Ac	do	
					F/D: Area, Bdry			

NOTE: INFORMATION ON THIS SHEET IS SUBJECT TO CHANGE

CONFIRMED

STATE OF HAWAII DEPARTMENT OF TAXATION
PROPERTY ASSESSMENT DIVISION
TAX MAPS BRANCH

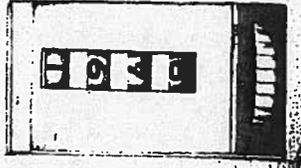
FORM P-19 HISTORY SHEET



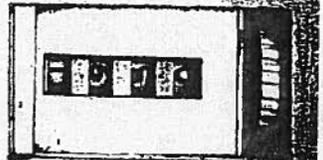
TAX MAPS BRANCH HISTORY SHEET

DATE	9/9/70	GRANTOR, ETC	AREA OF PARCEL	GRANTEE, ETC	DIV.
LOCATION:	Kakaako, Ala Moana			State of Hawaii	9
TITLE:				(Dept of Transportation)	1
				CONTAINER-YARD & HARBOR SUPPORT FACILITIES	15
				Por Exec. Ord No. 2278 (197,069 sq ft)	9
				State of Hawaii (5,763 sq ft)	
				do	
				State of Hawaii	
				(DOT - WTFD)	
				Container-yard & harbor support facilities	
				do	
				do	
				State of Hawaii	
				(Dept of Transp-Harbors Div.)	
				CONTAINER-YARD & HARBOR SUPPORT FACILITIES	
				Exec Ord 2278 etc	

STATE OF HAWAII
DEPARTMENT OF TAXATION
PROPERTY ASSESSMENT DIVISION
TAX MAPS BRANCH



ITEM 9: The following tax keys dropped into 2115-9:
2115-10, 13, 14
2128-1, 3, 5, 7, 8, 9, 10, 11, 12, 13, 14, 15
2157 - 5, 6, 12, 14, 16, 17, 18, 21, 23, 25, 26, 27, 28.



RECEIVED AS FOLLOWS

10-15-77

DIVISION		NAME		NO.	PAGE	RECORD
Ala Moana		2	1	1	54	3
NET AREA 1,378 AC.						
TITLE HISTORY						
(For 1984 & prior years keyed to 2157-01 TMB 12647'84)						
OWNER						
City & County of Honolulu						
YEAR	1980	1981	1982	1983	1984	1985
AREA	1,378 AC.					
LAND	1,378 AC.					
IMP.	-	-	-	-	-	-
TOT.	1,378 AC.					
EX.	-	-	-	-	-	-
TAX.	-	-	-	-	-	-

FIELD BOOK LAND SHEET
TERRITORY OF HAWAII

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2004

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2003

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2002

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2001

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2000

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1999

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1998

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

□(s7B□&k10.5HCITY AND COUNTY OF HONOLULU PARCEL HISTORY (TT101) FOR:□(s0B□&k10.5H

□(s7B□&k10.5HTMK:□(s0B□&k10.5H 2-1-015-043-0000
PAGE:1

11/21/1991 -----

□(s7B□&k10.5HINSTR-DESC:□(s0B□&k10.5HDEED
□(s7B□&k10.5H TRANS NO:□(s0B□&k10.5H2575936

□(s7B□&k10.5HINSTR_NO:□(s0B□&k10.5H9100160186
□(s7B□&k10.5HINSTR-DATE:□(s0B□&k10.5H11/20/1991

□(s7B□&k10.5HREC-DATE
:□(s0B□&k10.5H11/21/1991

□(s7B□&k10.5HACK/EFF DATE
:□(s0B□&k10.5H11/21/1991

□(s7B□&k10.5HAREA:□(s0B□&k10.5H22,929 SQ.FT.

FROM: STATE OF HAWAII

TO: HAWAII COMMUNITY DEVELOPMENT AUTHORITY

PORTION OF FORMER SEWAGE PUMPING STATION CSF NO 21,578 48890 SF DES

□(s7B□&k10.5HGROUP#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

2 0011 HAWAII COMM DEV AUTHORITY

FOR ASSESSMENT YEAR 2006

PITT 4 LAND VALUE: \$2,235,600 EXEMPT LAND VALUE: \$2,235,600

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2005

PITT 4 LAND VALUE: \$1,788,500 EXEMPT LAND VALUE: \$1,788,500

FOR ASSESSMENT YEAR 1997

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1996

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1995

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1994

PITT 4 LAND VALUE: \$1,375,700 EXEMPT LAND VALUE: \$1,375,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1993

PITT 4 LAND VALUE: \$1,043,300 EXEMPT LAND VALUE: \$1,043,300
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1992

PITT 4 LAND VALUE: \$1,043,300 EXEMPT LAND VALUE: \$1,043,300
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

□(s7B□&k10.5HSITE ADDRESS:□(s0B□&k10.5H ALA MOANA BLVD

HONOLULU 96813

□(s7B□&k10.5HINSTR-DESC:□(s0B□&k10.5HGRANT OF NON-EXCL ESMT
□(s7B□&k10.5H TRANS NO:□(s0B□&k10.5H2575935

□(s7B□&k10.5HINSTR_NO:□(s0B□&k10.5H9000165063
□(s7B□&k10.5HINSTR-DATE:□(s0B□&k10.5H10/16/1990

□(s7B□&k10.5HCITY AND COUNTY OF HONOLULU PARCEL HISTORY (TT101) FOR:□(s
0B□&k10.5H

□(s7B□&k10.5HTMK:□(s0B□&k10.5H 2-1-015-043-0000
PAGE:2

□(s7B□&k10.5HACK/EFF DATE
:□(s0B□&k10.5H10/23/1990

□(s7B□&k10.5HREC-DATE
:□(s0B□&k10.5H10/23/1990

□(s7B□&k10.5HAREA:□(s0B□&k10.5H22,929 SQ.FT.

FROM: STATE OF HAWAII

TO: CITY AND COUNTY OF HONOLULU

GRANTORS DO HEREBY GRANT UNTO THE GRANTEE NON-EXCLUSIVE AND PERPETUAL
EASEMENT IN, OVER, UNDER & ACROSS THAT CERTAIN PARCEL OF LAND BEING
PARCEL 4 EAST END RELIEF SEWERS C.S.F. NO. 21131 1,916 SF DES
F/D: SUBJ TO SEWER ESMT "4"(1916 SF) IN FAVOR OF THE CITY & COUNTY
OF HONOLULU

□(s7B□&k10.5HGROUP#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

2 0011 STATE OF HAWAII

FOR ASSESSMENT YEAR 1991

PITT 4 LAND VALUE: \$1,043,300 EXEMPT LAND VALUE: \$1,043,300

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

□(s7B□&k10.5HMAILING ADDRESS:□(s0B□&k10.5H STATE OF HAWAII

00000

04/17/1990 -----

(s7B&k10.5HINSTR-DESC:(s0B&k10.5HDLNR L/M (RP S-6586)
(s7B&k10.5H TRANS NO:(s0B&k10.5H2575937

(s0B&k10.5H04/17/1990

(s7B&k10.5HINSTR-DATE

(s0B&k10.5H04/17/1990

(s7B&k10.5HACK/EFF DATE

(s7B&k10.5HAREA:(s0B&k10.5H22,929 SQ.FT.

25,961 SF DROPPED INTO 2115-44 (NEW)

F/D: AREA, BDRY

(s7B&k10.5HGROUP#(s0B&k10.5H (s7B&k10.5HNAME(s0B&k10.5H
(s7B&k10.5HF(s0B&k10.5H (s7B&k10.5HTC(s0B&k10.5H (s7B&k10.5H%-OWNER(s0B&k10.5H (s7B&k10.5HTITLE-DESC(s0B&k10.5H

2 0011 STATE OF HAWAII

(s7B&k10.5HMAILING ADDRESS:(s0B&k10.5H STATE OF HAWAII

<

<

00000 0000

04/17/1990 -----

(s7B&k10.5HINSTR-DESC:(s0B&k10.5HE.O. 3405
(s7B&k10.5H TRANS NO:(s0B&k10.5H2575938

(s0B&k10.5H04/17/1990

(s7B&k10.5HINSTR-DATE

(s0B&k10.5H04/17/1990

(s7B&k10.5HACK/EFF DATE

(s7B&k10.5HAREA:(s0B&k10.5H48,890 SQ.FT.

R/S: NEW PARCEL FROM 2115-22

□(s7B□&k10.5HGROU#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

2 0011 STATE OF HAWAII

□(s7B□&k10.5HMAILING ADDRESS:□(s0B□&k10.5H STATE OF HAWAII

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00000 0000

-----SEE PARCEL SHEETS FOR MORE INFORMATION-----

□&10S□&100□(8U□(s0P□(s12.5H□&15.4C□(s0S□(s0B□(s4099T□&a5L□&188F□&k10.5H

□(s7B□&k10.5HCITY AND COUNTY OF HONOLULU PARCEL HISTORY (TT101) FOR:□(s0B□&k10.5H

□(s7B□&k10.5HTMK:□(s0B□&k10.5H 2-1-015-044-0000
PAGE:1

03/14/2001 -----

□(s7B□&k10.5HINSTR-DESC:□(s0B□&k10.5HDLNR - CANCELLATION R P. 6586
□(s7B□&k10.5H TRANS NO:□(s0B□&k10.5H2575942

□(s7B□&k10.5HINSTR-DATE
:□(s0B□&k10.5H03/14/2001

□(s7B□&k10.5HACK/EFF DATE
:□(s0B□&k10.5H03/14/2001

□(s7B□&k10.5HAREA:□(s0B□&k10.5H25,961 SQ.FT.

FROM: HAWAII COMMUNITY DEVELOPMENT TO: HAWAII COMMUNITY DEVELOPMENT
AUTHORITY AUTHORITY

CANCELLED: 11/20/91

- HONOLULU, OAHU TMK: 2-1-15-POR 22

F/D: PERMITTEE - OUT

□(s7B□&k10.5HGROUP#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

2 0011 HAWAII COMM DEV AUTHORITY

FOR ASSESSMENT YEAR 2006

PITT 4 LAND VALUE: \$2,531,200 EXEMPT LAND VALUE: \$2,531,200

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2005

PITT 4 LAND VALUE: \$2,025,000 EXEMPT LAND VALUE: \$2,025,000
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2004

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2003

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2002

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

(s7B&k10.5HSITE ADDRESS:(s0B&k10.5H ALA MOANA BLVD
HONOLULU 96813

11/21/1991 -----

(s7B&k10.5HINSTR-DESC:(s0B&k10.5HDEED
(s7B&k10.5H TRANS NO:(s0B&k10.5H2575940

(s7B&k10.5HINSTR_NO:(s0B&k10.5H9100160186
(s7B&k10.5HINSTR-DATE:(s0B&k10.5H11/20/1991

(s0B&k10.5H11/21/1991 (s7B&k10.5HREC-DATE

(s0B&k10.5H11/21/1991 (s7B&k10.5HACK/EFF DATE

(s7B&k10.5HAREA:(s0B&k10.5H25,961 SQ.FT.

FROM: STATE OF HAWAII

TO: HAWAII COMMUNITY DEVELOPMENT AUTHORITY

PORTION OF FORMER SEWAGE PUMPING STATION CSF NO 21,578 48890 SF DES

□(s7B□&k10.5HGROU#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

7 0011 HAWAII COMM DEV AUTHORITY

R.P. S-6586

FOR ASSESSMENT YEAR 2001

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 2000

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1999

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1998

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1997

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1996

PITT 4 LAND VALUE: \$1,557,700 EXEMPT LAND VALUE: \$1,557,700
BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

FOR ASSESSMENT YEAR 1995

PITT 4	LAND VALUE:	\$1,557,700	EXEMPT LAND VALUE:	\$1,557,700
	BUILDING VALUE:	\$1,000	EXEMPT BUILDING VALUE:	\$1,000

(s7B&k10.5HCITY AND COUNTY OF HONOLULU PARCEL HISTORY (TT101) FOR:(s
OB&k10.5H

(s7B&k10.5HTMK:(s0B&k10.5H 2-1-015-044-0000
PAGE:2

FOR ASSESSMENT YEAR 1994

PITT 4	LAND VALUE:	\$1,557,700	EXEMPT LAND VALUE:	\$1,557,700
	BUILDING VALUE:	\$1,000	EXEMPT BUILDING VALUE:	\$1,000

FOR ASSESSMENT YEAR 1993

PITT 4	LAND VALUE:	\$1,181,200	EXEMPT LAND VALUE:	\$1,181,200
	BUILDING VALUE:	\$1,000	EXEMPT BUILDING VALUE:	\$1,000

FOR ASSESSMENT YEAR 1992

PITT 4	LAND VALUE:	\$1,181,200	EXEMPT LAND VALUE:	\$1,181,200
	BUILDING VALUE:	\$1,000	EXEMPT BUILDING VALUE:	\$1,000

10/23/1990 -----

(s7B&k10.5HINSTR-DESC:(s0B&k10.5HGRANT OF NON-EXCL ESMT
(s7B&k10.5H TRANS NO:(s0B&k10.5H2575941

(s7B&k10.5HINSTR_NO:(s0B&k10.5H9000165063
(s7B&k10.5HINSTR-DATE:(s0B&k10.5H10/16/1990

:(s0B&k10.5H10/23/1990

(s7B&k10.5HREC-DATE

:(s0B&k10.5H10/23/1990

(s7B&k10.5HACK/EFF DATE

(s7B&k10.5HAREA:(s0B&k10.5H25,961 SQ.FT.

FROM: STATE OF HAWAII

TO: CITY AND COUNTY OF HONOLULU

GRANTORS DO HEREBY GRANT UNTO THE GRANTEE NON-EXCLUSIVE AND PERPETUAL
EASEMENT IN, OVER, UNDER & ACROSS THAT CERTAIN PARCEL OF LAND BEING
PARCEL 3 EAST END RELIEF SEWERS C.S.F. NO. 21131 1,695 SF DES
F/D: SUBJ TO SEWER ESMT "3"(1695 SF) IN FAVOR OF THE CITY & COUNTY
OF HONOLULU

□(s7B□&k10.5HGROU#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

2 0011 STATE OF HAWAII

7 0011 HAWAII COMM DEV AUTHORITY

R.P. S-6586

FOR ASSESSMENT YEAR 1991

PITT 4 LAND VALUE: \$1,181,200 EXEMPT LAND VALUE: \$1,181,200

BUILDING VALUE: \$1,000 EXEMPT BUILDING VALUE: \$1,000

□(s7B□&k10.5HMAILING ADDRESS:□(s0B□&k10.5H HAWAII COMM DEV AUTHORITY

677 ALA MOANA BLVD/1001

96813

04/17/1990 -----

□(s7B□&k10.5HINSTR-DESC:□(s0B□&k10.5HDLNR L/M (RP S-6586)
□(s7B□&k10.5H TRANS NO:□(s0B□&k10.5H2575939

:□(s0B□&k10.5H04/17/1990

□(s7B□&k10.5HINSTR-DATE

:□(s0B□&k10.5H04/17/1990

□(s7B□&k10.5HACK/EFF DATE

□(s7B□&k10.5HAREA:□(s0B□&k10.5H25,961 SQ.FT.

FROM 2115-43 25,961 SF

FROM: STATE OF HAWAII

TO: HAWAII COMMUNITY DEVELOPMENT

RENT: \$360.00/MO COMMENCING 3/1/89

AUTHORITY

EFFECTIVE: 3/1/89

677 ALA MOANA BLVD SUITE 1001

PURP: PARKING

HONOLULU, HAWAII 96813

-- KAAKAUKUKUI, HONOLULU BEING PORTION

-- OF THE FORMER ALA MOANA SEWAGE PUMP

-- STATION 25,961 SF TMK 2-1-15:POR 22

F/D: NEW, PERMITTEE

□(s7B□&k10.5HGROU#□(s0B□&k10.5H □(s7B□&k10.5HNAME□(s0B□&k10.5H
□(s7B□&k10.5HF□(s0B□&k10.5H □(s7B□&k10.5HTC□(s0B□&k10.5H □(s7B□
&k10.5H%-OWNER□(s0B□&k10.5H □(s7B□&k10.5HTITLE-DESC□(s0B□&k10.5H

2 0011 STATE OF HAWAII

7 0011 HAWAII COMM DEV AUTHORITY

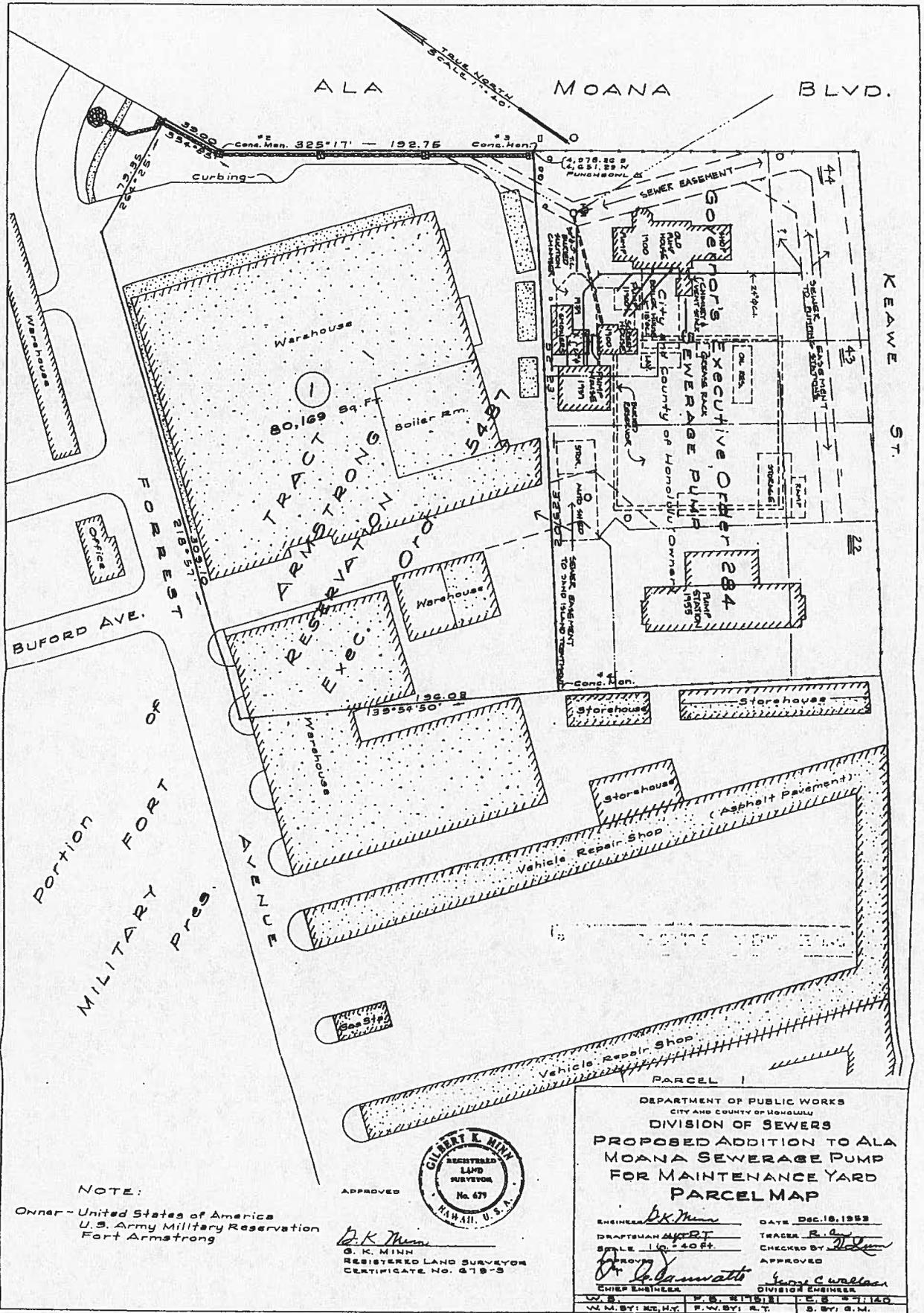
R.P. S-6586

□(s7B□&k10.5HMAILING ADDRESS:□(s0B□&k10.5H HAWAII COMM DEV AUTHORITY

677 ALA MOANA BLVD/1001

96813 0000

-----SEE PARCEL SHEETS FOR MORE INFORMATION-----



NOTE:
 Owner - United States of America
 U.S. Army Military Reservation
 Fort Armstrong

APPROVED

 G. K. Minn
 REGISTERED LAND SURVEYOR
 CERTIFICATE NO. 679-5

DEPARTMENT OF PUBLIC WORKS
 CITY AND COUNTY OF HONOLULU
 DIVISION OF SEWERS
PROPOSED ADDITION TO ALA MOANA SEWERAGE PUMP FOR MAINTENANCE YARD
PARCEL MAP

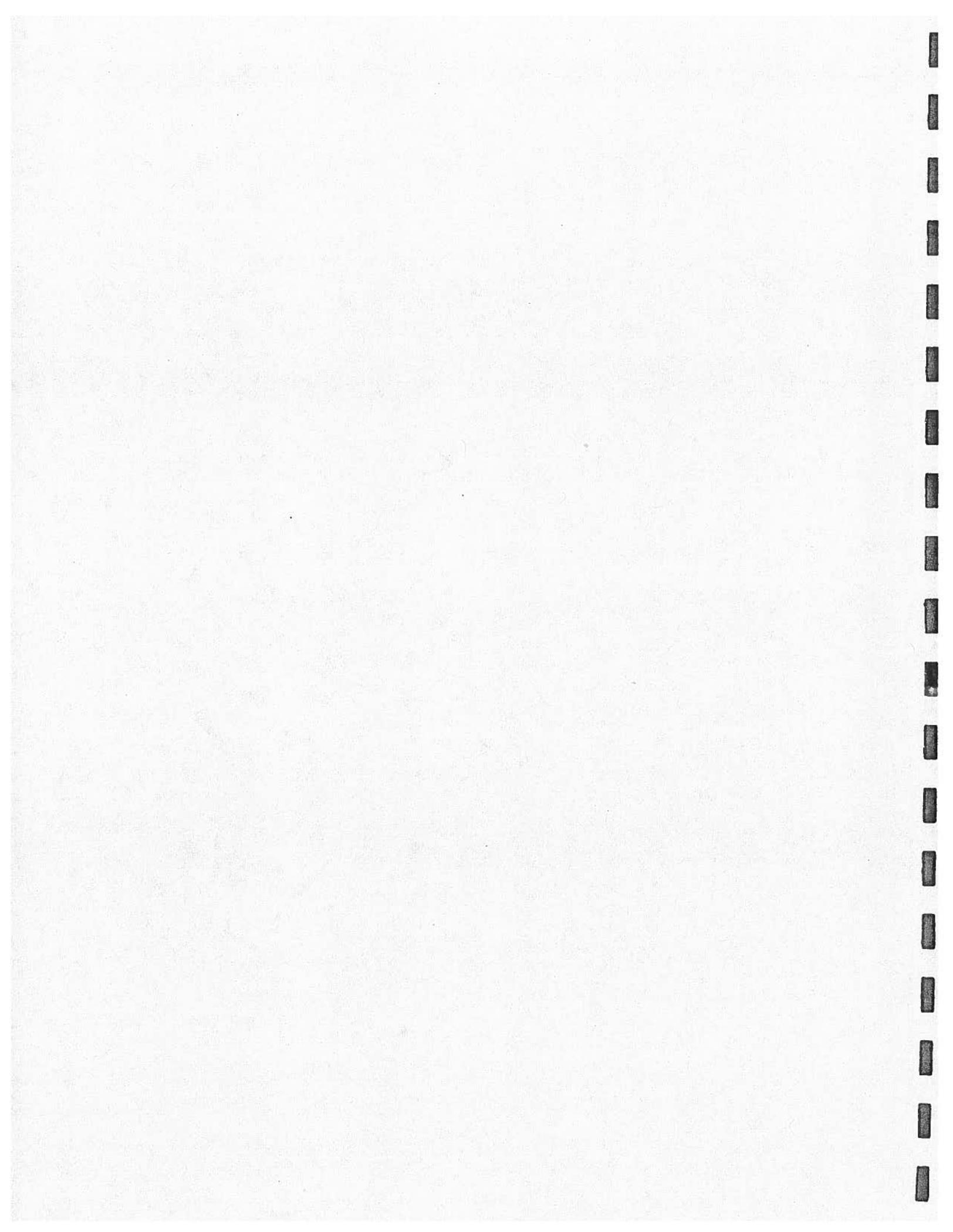
ENGINEER G. K. Minn DATE Dec. 16, 1953
 DRAFTSMAN M.P.T. TRACER R. G.
 SCALE 1" = 40' CHECKED BY [Signature]
 APPROVED BY [Signature] APPROVED
 CHIEF ENGINEER George C. Wallace DIVISION ENGINEER

W.S.	P. S. 51578	C. S. 47140
N.W. BY: M.E.H.Y.	S.W. BY: R.T.	S. BY: G.M.
FILE	INDEX	DESIG.
1	1	2
		70

TAX MAP KEY 2-1-57

APPENDIX IV

REGULATORY RECORDS DOCUMENTATION (*EDR RADIUS MAP REPORT*)



**The EDR Radius Map
with GeoCheck®**

**Ala Moana Pump Station
240 Keawe Street
Honolulu, HI 96813**

Inquiry Number: 1794983.2s

November 10, 2006



**EDR® Environmental
Data Resources Inc**

**The Standard in
Environmental Risk
Management Information**

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

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Map Findings.....	6
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EPA Waste Codes.....	EPA-1
Government Records Searched/Data Currency Tracking.....	GR-1
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

240 KEAWE STREET
HONOLULU, HI 96813

COORDINATES

Latitude (North): 21.297500 - 21° 17' 51.0"
Longitude (West): 157.863200 - 157° 51' 47.5"
Universal Transverse Mercator: Zone 4
UTM X (Meters): 617918.2
UTM Y (Meters): 2355359.5
Elevation: 3 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 21157-C7 HONOLULU, HI
Most Recent Revision: Not reported

West Map: 21157-C8 PEARL HARBOR, HI
Most Recent Revision: Not reported

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
KAKAAKO PUMP STATION 240 KEAWE ST HONOLULU, HI 96813	SHWS BROWNFIELDS INST CONTROL	N/A

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:

FEDERAL RECORDS

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL.....	Proposed National Priority List Sites
Delisted NPL.....	National Priority List Deletions
NPL RECOVERY.....	Federal Superfund Liens
RCRA-LQG.....	Resource Conservation and Recovery Act Information
ERNS.....	Emergency Response Notification System
HMIRS.....	Hazardous Materials Information Reporting System
US ENG CONTROLS.....	Engineering Controls Sites List
US INST CONTROL.....	Sites with Institutional Controls
FUDS.....	Formerly Used Defense Sites
US BROWNFIELDS.....	A Listing of Brownfields Sites
CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
UMTRA.....	Uranium Mill Tailings Sites
ODL.....	Open Dump Inventory
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)
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SWF/LF.....	Permitted Landfills in the State of Hawaii
SPILLS.....	Release Notifications
VCP.....	Voluntary Response Program Sites
DRYCLEANERS.....	Permitted Drycleaner Facility Listing
AIRS.....	List of Permitted Facilities

TRIBAL RECORDS

INDIAN RESERV.....	Indian Reservations
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
INDIAN UST.....	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

EXECUTIVE SUMMARY

FEDERAL RECORDS

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

A review of the CERCLIS list, as provided by EDR, and dated 06/19/2006 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KURE ATOLL, U.S. COAST GUARD	300 ALA MOANA BLVD, SUI	1/8 - 1/4 N	I44	35

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 07/17/2006 has revealed that there are 3 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HAWAIIAN ELECTRIC COMPANY HONO	170 ALA MOANA BOULEVARD	1/8 - 1/4 N	I59	45
AMELCO CORPORATION	645 HALEKAUWILA STREET	1/4 - 1/2 ENE	O66	54
QUEEN EMMALANI TOWER	600 QUEEN ST	1/4 - 1/2 ENE	Q79	62

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2006 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HAWAIIAN ELECTRIC COMPANY HONO	170 ALA MOANA BOULEVARD	1/8 - 1/4 N	I59	45

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000

EXECUTIVE SUMMARY

kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/13/2006 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HAWAIIAN ELECTRIC COMPANY HONO	170 ALA MOANA BOULEVARD	1/8 - 1/4 N	I59	45

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 21 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALA MOANA WASTEWATER PUMP STN	210 KEAWE ST	0 - 1/8	A2	7
CONTRACTORS EQUIPMENT SERVICE	607 ALA MOANA BOULEVARD	0 - 1/8	B3	7
HAWAII STATE OF	607 ALA MOANA BLVD	0 - 1/8	B5	8
PRODUCE CENTER DEVELOPMENT LIM	651 ILALO STREET	0 - 1/8 SSE	C19	17
CONTRACTOR EQUIP & SVC CORP	625 AUAHI ST	0 - 1/8 ENE	21	19
PACIFIC NISSAN INC	670 AUAHI ST	0 - 1/8 ENE	22	19
THEO DAVIES EUROMOTORS	704 ALA MOANA BOULEVARD	0 - 1/8 SE	D23	20
HONOLULU FORD	711 ALA MOANA BLVD	0 - 1/8 SE	D24	21
ANOTHER SHADOW INC	444 LEAWE ST	0 - 1/8 ENE	E26	24
APIC CORP	435 KEAWE ST	0 - 1/8 ENE	E27	24
J S AUTOMOTIVE	721 AUAHI ST	0 - 1/8 ESE	29	26
SHELLY MOTORS BODY SHOP	720 ILALO ST	1/8 - 1/4 SE	F30	26
FLINT INK CORP CAL INK DIV	223 COOKE ST	1/8 - 1/4 SE	F32	27
LEXUS OF HAWAII	744 ALA MOANA BOULEVARD	1/8 - 1/4 SE	G33	28
FULLER OBRIEN PAINTS	746 AUAHI ST	1/8 - 1/4 ESE	H41	34
AMENSTY DAY HAWAII	690 POHUKAINA STREET	1/8 - 1/4 ENE	42	34
CUTTER MOTOR CARS	800 ALA MOANA BLVD	1/8 - 1/4 SE	L50	40
PACIFIC CRUISES	181 ALA MOANA BLVD PIER	1/8 - 1/4 N	I53	41
HAWAIIAN ELECTRIC COMPANY HONO	170 ALA MOANA BOULEVARD	1/8 - 1/4 N	I59	45
SERVCO PACIFIC, INC RUSTPROOFI	741B KELIKOI ST	1/8 - 1/4 S	K60	51
PUNA BUG	555 SOUTH ST	1/8 - 1/4 NE	N61	52

EXECUTIVE SUMMARY

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 12/31/2004 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>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
SAND ISLAND MILITARY RESERVATI		1/2 - 1 NNW 0		7

STATE AND LOCAL RECORDS

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 07/24/2006 has revealed that there are 39 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALA MOANA #2 WWPS	210 KEAWE ST	0 - 1/8	A11	12
HCDA/UH HEALTH AND WELLNESS CE	651 ILALO ST	0 - 1/8 SSE	C20	18
KAKAAKO MAKAI GATEWAY	COOKE ST & ILALO ST	1/8 - 1/4 SE	F31	27
UNDERGROUND HOISTS	744 ALA MOANA BLVD	1/8 - 1/4 SE	G35	29
KEWALO INCINERATOR LANDFILL	709 KELIKOI STREET	1/8 - 1/4 S	K47	38
ROBERTS HAWAII	759 KELIKOI ST	1/8 - 1/4 SSE	K55	43
HAWAIIAN ELECTRIC COMPANY HONO	170 ALA MOANA BOULEVARD	1/8 - 1/4 N	I59	45
COOKE STREET LEAD CONTAMINATIO	501 COOKE ST	1/8 - 1/4 E	62	52
AMELCO CORPORATION	645 HALEKAUWILA ST	1/4 - 1/2 ENE	O67	55
C&C WASTE WATER DIVISION MAINT	98 KOULA ST	1/4 - 1/2 SSE	76	59
KAKAAKO BROWNFIELD PROJECT-UNI	160 AHUI ST	1/4 - 1/2 SE	77	60
HAWAII INSTRUMENTATION & CONTR	822 HALEKAUWILA ST	1/4 - 1/2 E	78	61
QUEEN EMMALANI TOWER	600 QUEEN ST	1/4 - 1/2 ENE	Q79	62
KAKAAKO BROWNFIELD PROJECT - U	1011 ALA MOANA BLVD	1/4 - 1/2 SE	T86	69
KAKAAKO BROWNFIELD PROJECT - U	59 AHUI ST	1/4 - 1/2 SSE	U91	74
AMERICAN LINEN WAREHOUSE	837 KAWAIAHAO ST	1/4 - 1/2 E	V100	79
HD&C, 725 KAPIOLANI BOULEVARD	725 KAPIOLANI BLVD	1/2 - 1 ENE	103	82
MOTOR IMPORTS	650 KAPIOLANI BLVD	1/2 - 1 ENE	104	83
BMW OF HONOLULU	777 KAPIOLANI BLVD	1/2 - 1 ENE	105	83
HECO SOIL CONTAMINATION CHAPIN	CHAPIN LN / KAPIOLANI	1/2 - 1 E	W106	84
CHUEI SHOKOH, INC.	825 KAPIOLANI BLVD	1/2 - 1 E	W107	85
SYMPHONY PARK	850 KAPIOLANI BLVD	1/2 - 1 E	108	86
HARBOR COURT	66 QUEEN ST	1/2 - 1 N	109	87
CHEVRON USA, INC.	1001 BISHOP ST	1/2 - 1 N	110	87
GLOVER BUILDING	1046 WAIMANU ST	1/2 - 1 E	111	88
ONE ARCHER LANE	801 S KING ST	1/2 - 1 ENE	112	89
HDC PROPERTIES, STAINED SOILS	1015 KAPIOLANI BLVD	1/2 - 1 E	113	92
SAND ISLAND BUSINESS ASSOCIATI	1020 ULUPONO ST	1/2 - 1 WNW	114	93
SELF STORAGE 1	438 KAMAKEE ST	1/2 - 1 ESE	115	93
USCG BASE HONOLULU	400 SAND ISLAND PKWY	1/2 - 1 NW	116	94
CAPITOL PLACE DEVELOPMENT PROJ	1212 QUEEN EMMA ST	1/2 - 1 NNE	117	100
RESERVE HOUSING TOWER SOIL CON	1141 WAIMANU ST	1/2 - 1 ESE	118	100
YEE HOP BUILDING MAUNAKEA STRE	950 MAUNAKEA ST	1/2 - 1 N	119	101
HAWAIIAN DREDGING & CONSTRUCTI	825 BERETANIA ST	1/2 - 1 ENE	120	102

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
KOOLANI TOWER PROJECT	1189 WAIMANU ST	1/2 - 1 ESE	121	102
KEKAULIKE DIAMOND HEAD BLOCK R	163 N HOTEL ST	1/2 - 1 N	122	103
EVERSHINE X	1230 KAPIOLANI BLVD	1/2 - 1 ESE	123	104
1510 FREAR STREET	1510 FREAR ST	1/2 - 1 NE	124	105
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
215 NORTH KING STREET CONSTRUC	215 N KING ST	1/2 - 1 N	125	105

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 08/11/2006 has revealed that there are 40 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CENTRAL DIVISION HEADQUARTERS Facility Status: Site Cleanup Completed	207 KEAWE ST	0 - 1/8	A4	8
PRODUCE CENTER DEV.LTD. Facility Status: Site Cleanup Completed	651 ILALO ST	0 - 1/8 SSE	C18	16
THEO DAVIES EUROMOTORS Facility Status: Site Cleanup Completed	704 ALA MOANA BOULEVARD	0 - 1/8 SE	D23	20
HONOLULU FORD Facility Status: LUST Cleanup Initiated: Petroleum	711 ALA MOANA BLVD	0 - 1/8 SE	D24	21
FORT ARMSTRONG PARKING LOT (MO Facility Status: Site Cleanup Completed	BUFORD AND PLEASANTON A	0 - 1/8 NW	25	23
FORMER SHELLY MOTORS AUTO SALE Facility Status: Site Cleanup Completed	744 ALA MOANA BLVD	1/8 - 1/4 SE	G34	29
FULLER O'BRIEN PAINT Facility Status: Site Cleanup Completed Facility Status: LUST Cleanup Initiated: Petroleum	770 ALA MOANA BLVD	1/8 - 1/4 SE	G38	31
ARA SERVICES INC. Facility Status: Site Cleanup Completed	746 AUAHI ST	1/8 - 1/4 ESE	H39	32
TIRE RECAP SERVICE Facility Status: Site Cleanup Completed	526 KEAWE ST	1/8 - 1/4 ENE	J45	37
CUTTER MOTOR CARS, INC Facility Status: Site Cleanup Completed	800 ALA MOANA BLVD	1/8 - 1/4 SE	L49	39
REED LANE WAREHOUSE Facility Status: Site Cleanup Completed	556 REED LN	1/8 - 1/4 NE	M51	40
ROBERTS HAWAII TOURS Facility Status: Site Cleanup Completed	759 KELIKOI ST	1/8 - 1/4 SSE	K54	42
EUROCARE/KEICO PACIFIC/SHONS A Facility Status: Site Cleanup Completed	545 SOUTH ST	1/8 - 1/4 NE	N56	44
KEWALO INCINERATOR Facility Status: Case Transferred to HEER	111 OHE ST	1/8 - 1/4 SSE	63	53
AMELCO BUILDING (SERVICE STATI Facility Status: Site Cleanup Completed	603 HALEKAUWILA ST	1/4 - 1/2 NE	O64	53

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INTERNATIONAL LIFE SUPPORT Facility Status: Site Cleanup Completed	633 HALEKAUWILA ST	1/4 - 1/2ENE	O65	54
HONOLULU SHIP SUPPLY Facility Status: Site Cleanup Completed	834 POHUKAINA ST	1/4 - 1/2E	68	55
PACIFIC OLDSMOBILE Facility Status: Site Cleanup Completed	900 ALA MOANA BLVD	1/4 - 1/2SE	69	56
ELECTRICAL & MAINTENANCE SERV. Facility Status: Site Cleanup Completed	160 KOULA ST	1/4 - 1/2SE	70	56
MOTOR IMPORTS SERVICE DEPARTME Facility Status: Site Cleanup Completed	609 SOUTH STREET	1/4 - 1/2NE	O71	57
GENSIRO KAWAMOTO Facility Status: Site Cleanup Completed	630 KEAWE ST	1/4 - 1/2ENE	72	58
CBI, INC Facility Status: Site Cleanup Completed	614 SOUTH ST	1/4 - 1/2NE	P73	58
KAKAAKO FIRE DEPARTMENT MECHAN Facility Status: LUST Cleanup Initiated: Petroleum	620 SOUTH ST	1/4 - 1/2NE	P74	58
HAWAII COMMUNITY DEVELOPMENT A Facility Status: Site Cleanup Completed	548 COOKE ST	1/4 - 1/2ENE	75	59
AAA HAWAII BUILDING Facility Status: Site Cleanup Completed	590 QUEEN ST	1/4 - 1/2NE	Q80	65
K & Y CHEVRON 91524 Facility Status: Site Cleanup Completed	571 S QUEEN ST	1/4 - 1/2NE	R81	65
KAKAAKO FIRE STATION Facility Status: Site Cleanup Completed	555 QUEEN ST	1/4 - 1/2NE	R82	66
GENSIRO KAWAMOTO Facility Status: Site Cleanup Completed	627 QUEEN ST	1/4 - 1/2ENE	83	67
POHULANI ELDERLY PROJECT Facility Status: Site Cleanup Completed	677 QUEEN ST	1/4 - 1/2ENE	S84	67
FINOVA HAWAIIAN HOLDINGS, LLC Facility Status: Site Cleanup Completed	701 S QUEEN ST	1/4 - 1/2ENE	S85	67
GRG ENTERPRISE INC. BASIN MARI Facility Status: Site Cleanup Completed	115 AHUI ST	1/4 - 1/2SSE	U88	70
WRAF - HAWAIIAN TUNA PACKERS Facility Status: Case Transferred to HEER Facility Status: Site Cleanup Completed	1011 ALA MOANA BLVD	1/4 - 1/2SE	T89	71
GEM DEPARTMENT Facility Status: Site Cleanup Completed	333 WARD AVE	1/4 - 1/2ESE	94	75
HARBOR SQUARE ASSOCIATION Facility Status: Site Cleanup Completed	700 RICHARDS ST	1/4 - 1/2N	95	76
MELIM BLDG Facility Status: LUST Cleanup Initiated: Petroleum	333 QUEEN ST	1/4 - 1/2NNE	96	76
SZYMANSKI PROPERTIES LLC Facility Status: Site Cleanup Completed	757 KAWAIAHAO ST	1/4 - 1/2ENE	97	76
TESORO GAS EXPRESS #11 Facility Status: Site Cleanup Completed	940 AUAHI ST	1/4 - 1/2ESE	98	77
H. HAMADA STORE INC. Facility Status: Site Cleanup Completed	885 QUEEN ST	1/4 - 1/2E	99	79

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HAWAIIAN SECURITIES & REALTY, Facility Status: Site Cleanup Completed	819, 835 AND 841 KAWAIA	1/4 - 1/2E	V101	80
420 WARD AVE Facility Status: Site Cleanup Completed	420 WARD AVE/901 ILANIW	1/4 - 1/2E	102	81

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 08/11/2006 has revealed that there are 21 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FLAMINGO ENTERPRISES, INC.	574 ALA MOANA BLVD	0 - 1/8	B7	10
STEVEN S. NAGAMINE	574 ALA MOANA BLVD	0 - 1/8	B9	11
CENTRAL DIVISION HEADQUARTERS	207 KEAWE ST	0 - 1/8	A12	13
ALA MOANA WASTEWATER PUMP STAT	210 KEAWE ST	0 - 1/8	A15	15
PRODUCE CENTER DEV.LTD.	651 ILALO ST	0 - 1/8 SSE	C18	16
THEO DAVIES EUROMOTORS	704 ALA MOANA BOULEVARD	0 - 1/8 SE	D23	20
HONOLULU FORD	711 ALA MOANA BLVD	0 - 1/8 SE	D24	21
FORT ARMSTRONG PARKING LOT (MO	BUFORD AND PLEASANTON A	0 - 1/8 NW	25	23
A T & T COMMUNICATION	500 ALA MOANA BLVD. #21	0 - 1/8 N	28	25
FORMER SHELLY MOTORS AUTO SALE	744 ALA MOANA BLVD	1/8 - 1/4SE	G34	29
CHEVRON USA INC.	753 ALA MOANA BLVD	1/8 - 1/4SE	G36	30
AMFAC DIST. HI -BLDG MATERIALS	465 CORAL ST	1/8 - 1/4ENE	37	31
FULLER O'BRIEN PAINT	770 ALA MOANA BLVD	1/8 - 1/4SE	G38	31
ARA SERVICES INC.	746 AUAHI ST	1/8 - 1/4ESE	H40	33
PRINCE KUHIO FEDERAL BLDG.	300 ALA MOANA BLVD	1/8 - 1/4N	I43	35
TIRE RECAP SERVICE	526 KEAWE ST	1/8 - 1/4ENE	J46	37
CUTTER MOTOR CARS, INC	800 ALA MOANA BLVD	1/8 - 1/4SE	L49	39
REED LANE WAREHOUSE	556 REED LN	1/8 - 1/4NE	M52	41
ROBERTS HAWAII TOURS	759 KELIKOI ST	1/8 - 1/4SSE	K54	42
EUROCARE/KEICO PACIFIC/SHONS A	545 SOUTH ST	1/8 - 1/4NE	N57	44
HONOLULU GENERATING STATION	170 ALA MOANA BLVD	1/8 - 1/4N	I58	45

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

A review of the INST CONTROL list, as provided by EDR, and dated 07/24/2006 has revealed that there are 8 INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ALA MOANA #2 WWPS	210 KEAWE ST	0 - 1/8 SW	17	16
HCDA/UH HEALTH AND WELLNESS CE	651 ILALO ST	0 - 1/8 SSE	C20	18
UNDERGROUND HOISTS	744 ALA MOANA BLVD	1/8 - 1/4SE	G35	29
KEWALO INCINERATOR LANDFILL	709 KELIKOI STREET	1/8 - 1/4S	K48	38
ROBERTS HAWAII	759 KELIKOI ST	1/8 - 1/4SSE	K55	43
COOKE STREET LEAD CONTAMINATIO	501 COOKE ST	1/8 - 1/4E	62	52
KAKAAKO BROWNFIELD PROJECT - U	1011 ALA MOANA BLVD	1/4 - 1/2SE	T87	70
KAKAAKO BROWNFIELD PROJECT - U	59 AHUI ST	1/4 - 1/2SSE	U92	75

EXECUTIVE SUMMARY

BROWNFIELDS: Brownfields Site List

A review of the BROWNFIELDS list, as provided by EDR, and dated 07/24/2006 has revealed that there are 3 BROWNFIELDS sites within approximately 0.5 miles of the target property.

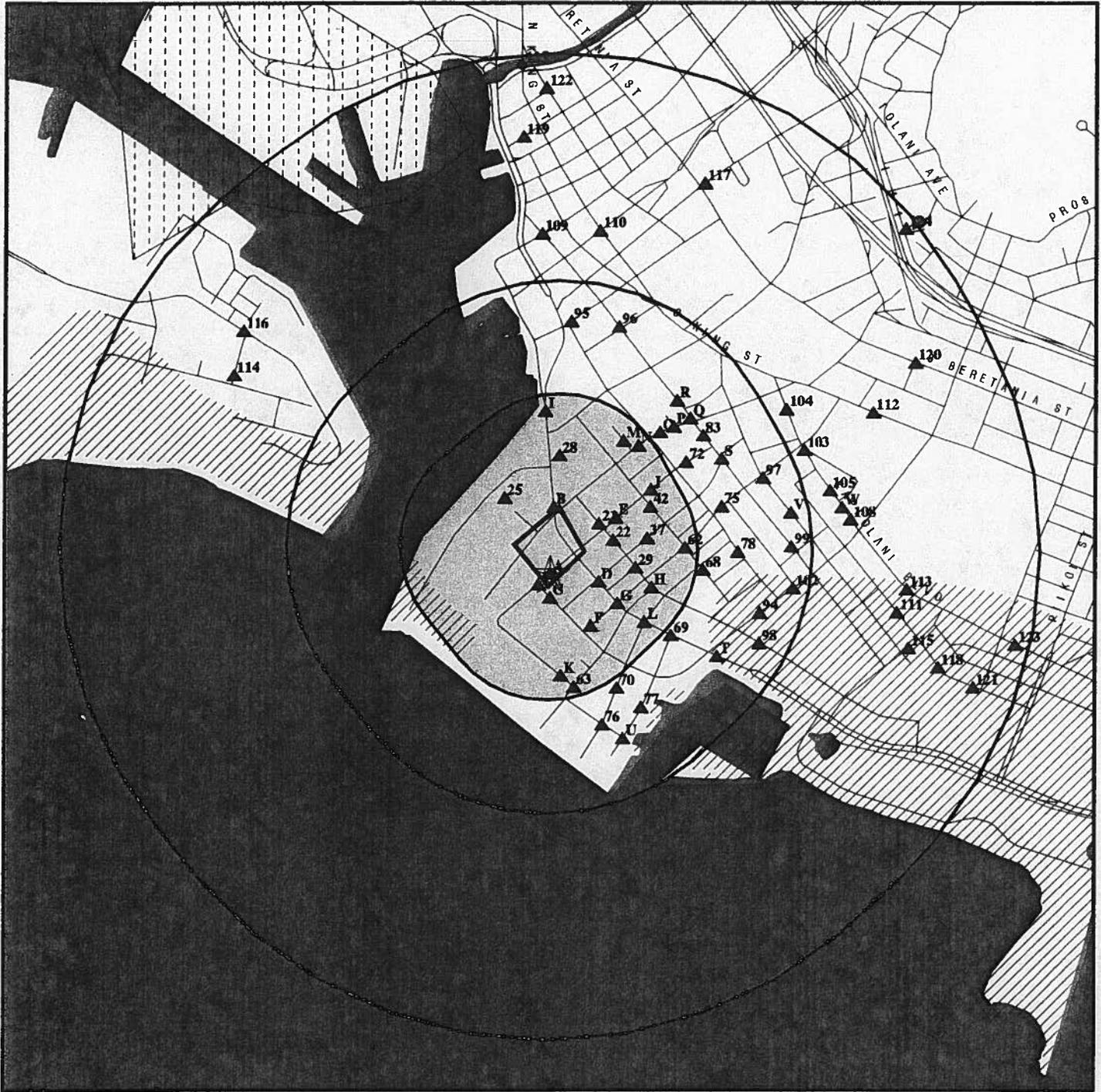
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>KAKAAKO BROWNFIELD PROJECT-UNI</i>	<i>160 AHUI ST</i>	<i>1/4 - 1/2 SE</i>	<i>77</i>	<i>60</i>
<i>KAKAAKO BROWNFIELD PROJECT-UNI</i>	<i>1011 ALA MOANA BLVD</i>	<i>1/4 - 1/2 SE</i>	<i>T90</i>	<i>72</i>
<i>KAKAAKO BROWNFIELD PROJECT - U</i>	<i>59 AHUI ST</i>	<i>1/4 - 1/2 SSE</i>	<i>U93</i>	<i>75</i>

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
KAKAAKO BROWNFIELD PROJECT-UNIT 5	SHWS, FINDS, BROWNFIELDS
KAKAAKO IMPROVEMENT DISTRICT 7	SHWS, BROWNFIELDS
ABC DISPOSAL COMPANY	SHWS, FINDS
KAKAAKO BROWNFIELD PROJECT-UNIT 4	SHWS, FINDS, BROWNFIELDS
KAKAAKO BROWNFIELD PROJECT-UNIT 2	SHWS, FINDS, BROWNFIELDS
KAKAAKO BROWNFIELD PROJECT-UNIT 1	SHWS, FINDS, BROWNFIELDS
861-869 NORTH NIMITZ HIGHWAY	SHWS
NIMITZ HIGHWAY WATER IMPROVEMENT P	SHWS
ZIPPY'S 580 NORTH NIMITZ HIGHWAY	SHWS, SPILLS
CITIZENS ENERGY SERVICES PIER 38	SHWS
ABC DSPL	CERC-NFRAP
OAHU TIRE SERVICE & CO.	FINDS, LUST
KAKAAKO SITE	LUST
NORWEGIAN STAR	RCRA-SQG
PRIDE OF HAWAII IMO 9304057	RCRA-SQG
AMERICAN HAWAII CRUISES INDEPE	FINDS, RCRA-LQG
ALA MOANA WASTEWATER PUMP STA	FINDS
COOK STREET B/W ILALO & ALA MOANA	SPILLS
HELEMANO SEWAGE PUMP STATION	SPILLS
HAWAIIAN ELECTRIC COMPANY HONOLULU	ICIS

OVERVIEW MAP - 1794983.2s



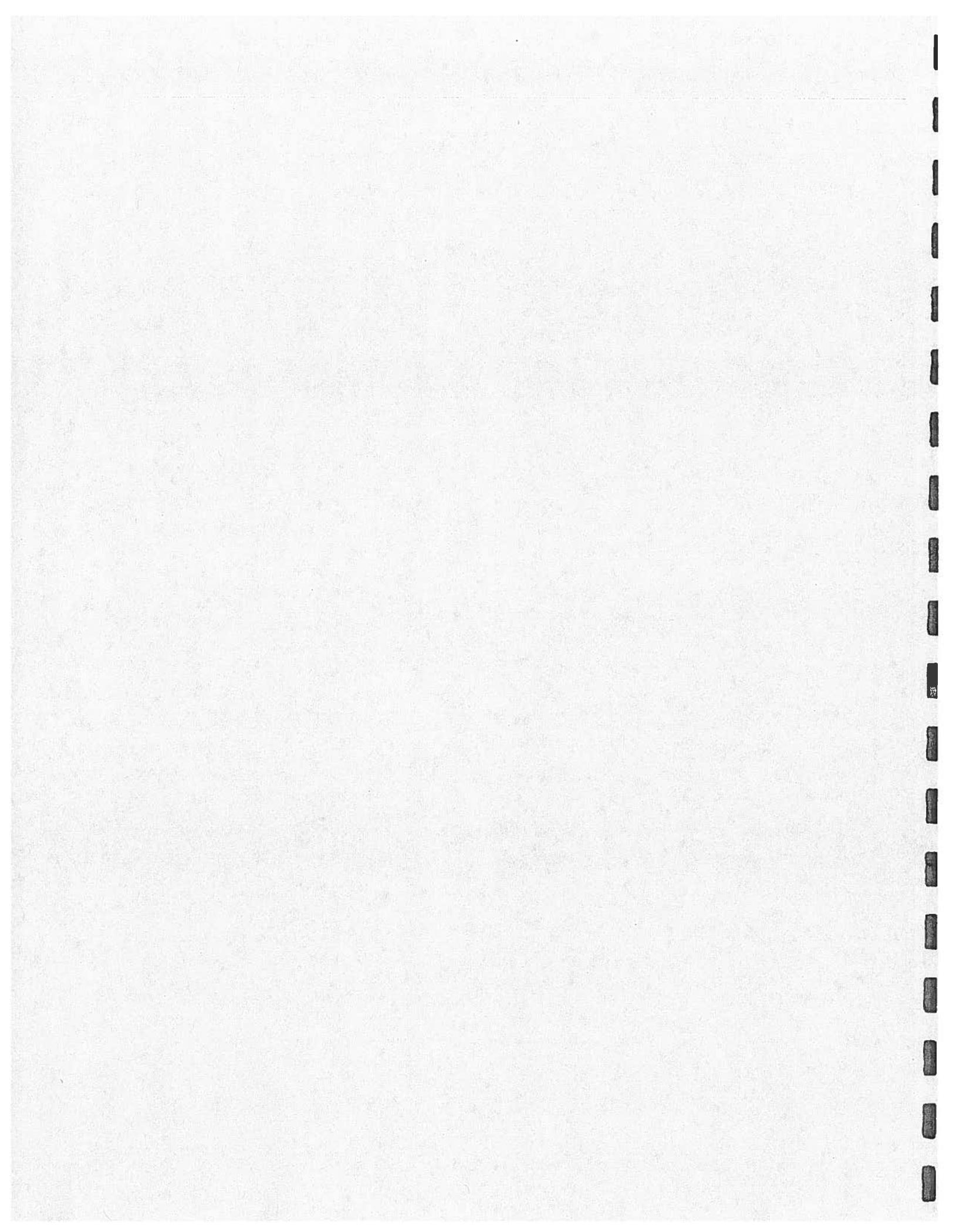
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Landfill Sites
-  Dept. Defense Sites

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

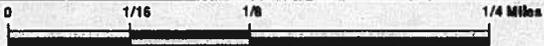
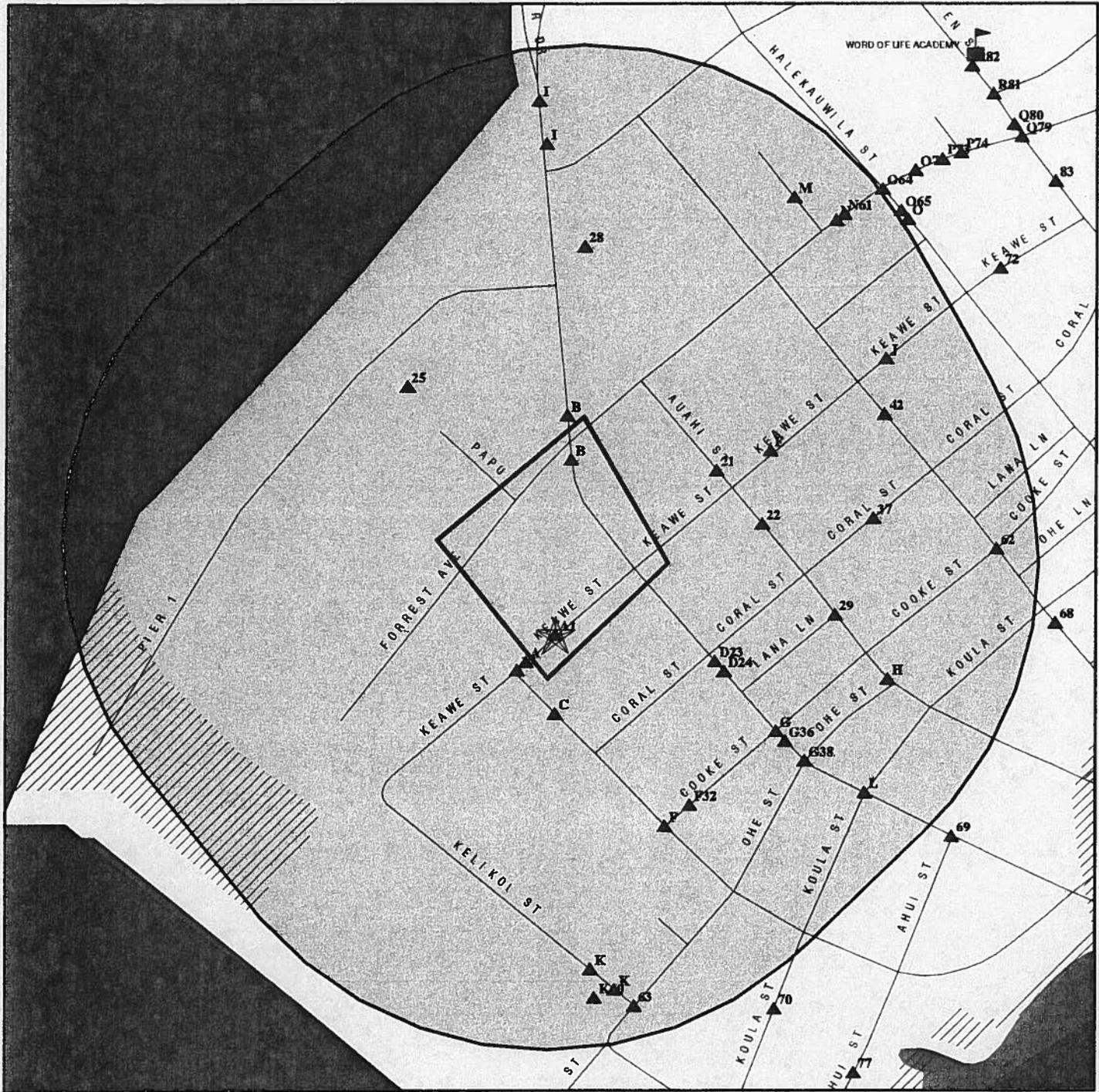
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ala Moana Pump Station
ADDRESS: 240 Keawe Street
 Honolulu HI 96813
LAT/LONG: 21.2975 / 157.8632

CLIENT: Enviro Srvcs. and Trng. Center
CONTACT: Tim Tybuszewski
INQUIRY #: 1794983.2s
DATE: November 10, 2006 7:46 pm



DETAIL MAP - 1794983.2s

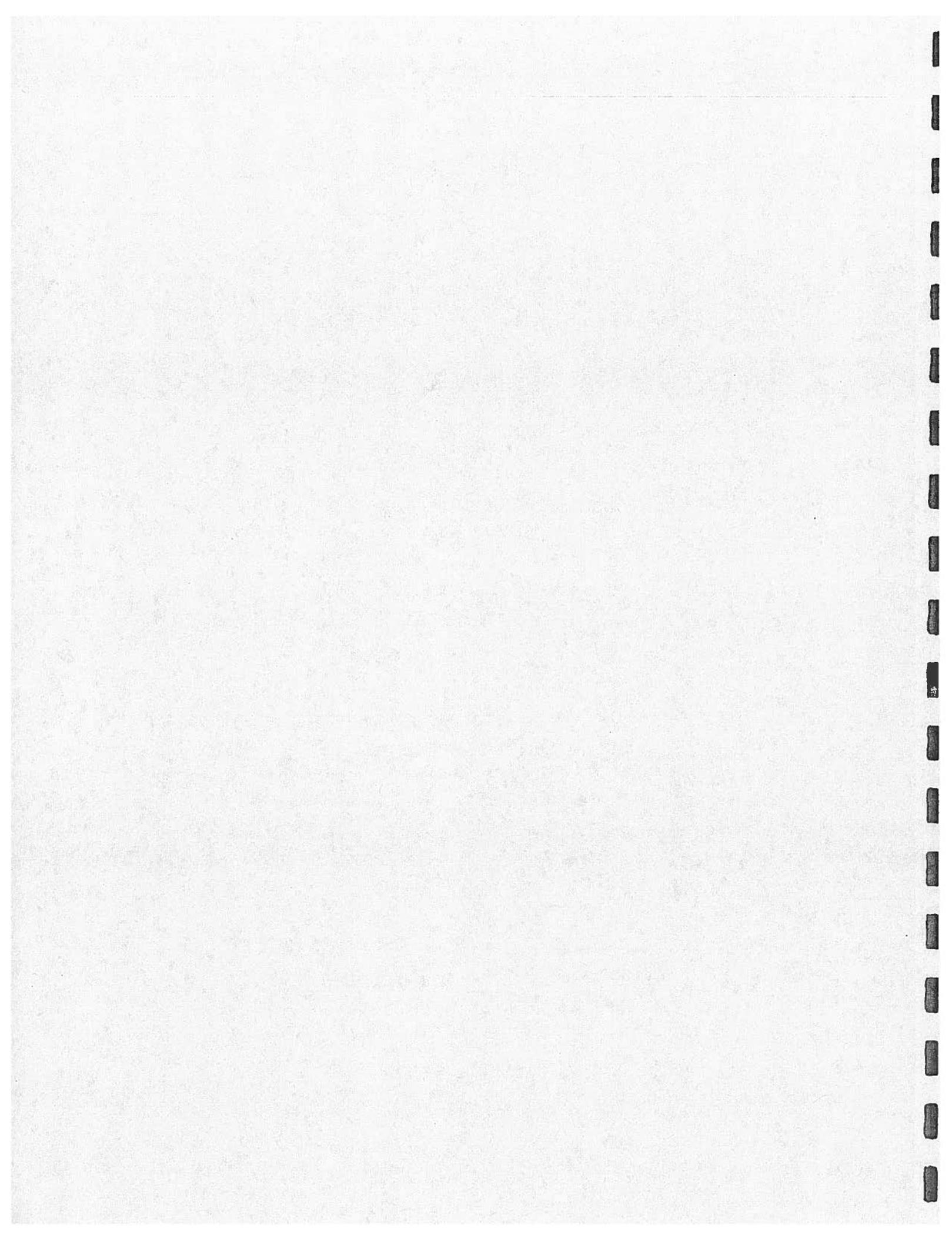


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- 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: Ala Moana Pump Station ADDRESS: 240 Keawe Street Honolulu HI 96813 LAT/LONG: 21.2975 / 157.8632</p>	<p>CLIENT: Enviro Srvcs. and Trng. Center CONTACT: Tim Tybuszewsk INQUIRY #: 1794983.2s DATE: November 10, 2006 7:47 pm</p>
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	1	0	NR	NR	1
CERC-NFRAP		0.500	0	1	2	NR	NR	3
CORRACTS		1.000	0	1	0	0	NR	1
RCRA TSD		0.500	0	1	0	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	11	10	NR	NR	NR	21
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	1	NR	1
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	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
ODI		0.500	0	0	0	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
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
SHWS	X	1.000	2	6	8	23	NR	39
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	5	9	26	NR	NR	40
UST		0.250	9	12	NR	NR	NR	21
SPILLS		TP	NR	NR	NR	NR	NR	0
INST CONTROL	X	0.500	2	4	2	NR	NR	8
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS	X	0.500	0	0	3	NR	NR	3
AIRS		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	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>
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
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 FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1 **KAKAAKO PUMP STATION**
Target **240 KEAWE ST**
Property **HONOLULU, HI 96813**

SHWS **S107022565**
BROWNFIELDS **N/A**
INST CONTROL

Site 1 of 9 in cluster A

Actual:
3 ft.

SHWS:

File Under:	State of Hawaii, Hawaii Community Development Authority
Supplement:	Ala Moana Blvd & Forrest St, Kakaako Area
Restricted Use:	This site is under evaluation for use restriction.
Restricted Use Comm:	Not reported
IC Relied On In Remedy:	Not reported
Unit:	Kakaako Pump Station
Fed Id:	Not reported
Funding:	SRP
Agreement/program:	Brownfields
Site/ist Name:	Kakaako Pump Station
Activity Type:	Phase II Recommended
Assignment Date:	10/1/2004
Activity Lead:	Melody Calisay
Assignment End Date:	Not reported
End fill:	7/24/2006
Result fill:	Ongoing
Overall Status:	Ongoing

HI BROWNFIELDS:

Federal ID:	Not reported
Location Address Line 2:	Not reported
Supplemental Location Text:	Ala Moana Blvd & Forrest St, Kakaako Area
Restricted Use:	This site is under evaluation for use restriction.
Comments on Restricted Use:	Not reported
IC Relied on in Remedy:	Not reported
Unit:	Kakaako Pump Station
Activity Type:	Phase II Recommended
Activity Lead:	Melody Calisay
Assignment Date:	2004-10-01 00:00:00
Assignment End Date:	Not reported
Result:	8
Agreement/Program:	Brownfields
Overall Status:	Ongoing
File Under:	State of Hawaii, Hawaii Community Development Authority
Funding:	SRP
Site List Name:	Kakaako Pump Station
End Fill:	2006-07-24 00:00:00

HI INSTUTIONAL CONTROL:

Restricted Use:	This site is under evaluation for use restriction.
Comments on Restricted Use:	Not reported
IC Relied on in Remedy:	Not reported
File Under:	State of Hawaii, Hawaii Community Development Authority

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

DOD **SAND ISLAND MILITARY RESERVATION**
Region
NNW **SAND ISLAND MILITARY RESE (County), HI**
1/2-1
4007 ft.

DOD **CUSA047697**
N/A

DOD:
 Feature 1: Army DOD
 Feature 2: Not reported
 Feature 3: Not reported
 URL: Not reported
 Name 1: Sand Island Military Reservation
 Name 2: Not reported
 Name 3: Not reported
 State: HI
 DOD Site: Yes
 Tile name: HIHONOLULU

A2 **ALA MOANA WASTEWATER PUMP STN**
< 1/8 **210 KEAWE ST**
1 ft. **HONOLULU, HI 96813**

RCRA-SQG **1007879505**
HIR000136226

Relative:
Higher

Actual:
3 ft.

Site 2 of 9 in cluster A
 RCRAInfo:
 Owner: CITY AND COUNTY OF HONOLULU
 EPA ID: HIR000136226
 Contact: ALLEN PERRY
 808-847-8329

 Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

 Violation Status: No violations found

B3 **CONTRACTORS EQUIPMENT SERVICE CORP**
< 1/8 **607 ALA MOANA BOULEVARD**
1 ft. **HONOLULU, HI 96813**

RCRA-SQG **1006806654**
FINDS **HIR000131136**

Relative:
Higher

Actual:
3 ft.

Site 1 of 7 in cluster B
 RCRAInfo:
 Owner: OWNER
 EPA ID: HIR000131136
 Contact: Not reported

 Classification: Small Quantity Generator
 TSDF Activities: Not reported

 Violation Status: No violations found

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

CONTRACTORS EQUIPMENT SERVICE CORP (Continued)
 under RCRA.

1006806654

A4 CENTRAL DIVISION HEADQUARTERS
207 KEAWE ST
< 1/8 HONOLULU, HI 96813

FINDS 1006820031
LUST 110013779161

1 ft.

Site 3 of 9 in cluster A

Relative:
 Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
 3 ft.

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

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: 9-100496
 Release ID: 970065
 Facility Status Date: 1998-09-25 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Ung

B5 HAWAII STATE OF
607 ALA MOANA BLVD
< 1/8 HONOLULU, HI 96813

RCRA-SQG 1000374717
FINDS HID981613094
HAZNET

1 ft.

Site 2 of 7 in cluster B

Relative:
 Higher

RCRAInfo:
 Owner: NOT REQUIRED
 (415) 555-1212
 EPA ID: HID981613094
 Contact: Not reported
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Actual:
 3 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HAWAII STATE OF (Continued)

1000374717

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

HAZNET:

Gepaid: HID981613094
Contact: GORDON TRIMBLE
Telephone: 8085862507
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 607 ALA MOANA BLVD
Mailing City,St,Zip: HONOLULU, HI 96813
Gen County: 99
TSD EPA ID: CAD008302903
TSD County: 99
Waste Category: Paint sludge
Disposal Method: Not reported
Tons: 0.07
Facility County: 99

Gepaid: HID981613094
Contact: GORDON TRIMBLE
Telephone: 8085862507
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 607 ALA MOANA BLVD
Mailing City,St,Zip: HONOLULU, HI 96813
Gen County: 99
TSD EPA ID: CAD008302903
TSD County: 99
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: 6.52
Facility County: 99

Gepaid: HID981613094
Contact: GORDON TRIMBLE
Telephone: 8085862507
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 607 ALA MOANA BLVD
Mailing City,St,Zip: HONOLULU, HI 96813
Gen County: 99
TSD EPA ID: CAD008302903
TSD County: 99
Waste Category: Organic monomer waste (includes unreacted resins)

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

HAWAII STATE OF (Continued)

1000374717

Disposal Method: Not reported
 Tons: 0.01
 Facility County: 99

Gepald: HID981613094
 Contact: GORDON TRIMBLE
 Telephone: 8085862507
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 607 ALA MOANA BLVD
 Mailing City,St,Zip: HONOLULU, HI 96813
 Gen County: 99
 TSD EPA ID: CAD008302903
 TSD County: 99
 Waste Category: Unspecified solvent mixture Waste
 Disposal Method: Not reported
 Tons: 0.05
 Facility County: 99

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

B6
 < 1/8
 1 ft.
 Relative:
 Higher
 Actual:
 3 ft.

FLAMINGO ENTERPRISES, INC.
574 ALA MOANA BLVD
HONOLULU, HI 96813

Site 3 of 7 in cluster B

FINDS 1006843037
110014045489

FINDS:
 Other Pertinent Environmental Activity Identified at Site

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.

B7
 < 1/8
 1 ft.
 Relative:
 Higher
 Actual:
 3 ft.

FLAMINGO ENTERPRISES, INC.
574 ALA MOANA BLVD
HONOLULU, HI 96813

Site 4 of 7 in cluster B

UST U003541714
N/A

UST:
 Facility ID: 9-100884
 Owner: FLAMINGO ENTERPRISES, INC.
 Owner Address: 1006 WAIMANU ST
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-1
 installed: 5/6/1946
 Tank Status: **Permanently Out of Use**
 Date Closed: Not reported
 Tank Capacity: 500
 Substance: Diesel
 Pipe Material: Galvanized Steel
 Pipe Other Material: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FLAMINGO ENTERPRISES, INC. (Continued)

U003541714

Pipe 2nd Construction: None

B8 **IMPS INC (SUSPECTED SOURCE) , PIER 1 DU**
607 ALA MOANA BLVD
< 1/8 HONOLULU, HI 96813

SPILLS S105262440
N/A

1 ft.

Site 5 of 7 in cluster B

Relative:
 Higher

HI SPILLS:

Actual:
 3 ft.

Island: Oahu
 Supplemental Loc. Text: Not reported
 Case Number: 19920410
 Units: IMPS INC. (Suspected Source) 607 Ala Moana Blvd., Pier 1 Du
 Substances: Oil Soaked Dirt placed in Dumpster covered with trash.
 Less Or Greater Than: Not reported
 Numerical Quantity: Not reported
 Units: Not reported
 Activity Type: Response
 Assignment Date: Not reported
 Activity Lead: Not reported
 Assignment End Date: Not reported
 Result: 8
 Incident: Chemical Substance was placed in dumpster as trash .
 Initial: USCG Investigated Incident & reported to DOH, who in turn identified source as
 IMPS INC. Corrective action was taken & debris was removed from affected
 area.
 Report: Not reported

B9 **STEVEN S. NAGAMINE**
574 ALA MOANA BLVD
< 1/8 HONOLULU, HI 96813

UST U001235277
N/A

1 ft.

Site 6 of 7 in cluster B

Relative:
 Higher

UST:

Actual:
 3 ft.

Facility ID: 9-100885
 Owner: STEVEN S. NAGAMINE
 Owner Address: 574 ALA MOANA BLVD
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-2
 Installed: 5/6/1946
 Tank Status: Permanently Out of Use
 Date Closed: Not reported
 Tank Capacity: 2050
 Substance: Gasoline
 Pipe Material: Galvanized Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-100885
 Owner: STEVEN S. NAGAMINE
 Owner Address: 574 ALA MOANA BLVD
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-1
 Installed: 5/6/1946
 Tank Status: Permanently Out of Use

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

STEVEN S. NAGAMINE (Continued)

U001235277

Date Closed: Not reported
 Tank Capacity: 3050
 Substance: Gasoline
 Pipe Material: Galvanized Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

B10
 < 1/8
 1 ft.

STEVEN S. NAGAMINE
574 ALA MOANA BLVD
HONOLULU, HI 96813

FINDS 1006844122
110014057527

Site 7 of 7 in cluster B

Relative:
 Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
 3 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.

A11
 < 1/8
 1 ft.

ALA MOANA #2 WWPS
210 KEAWE ST
HONOLULU, HI 96813

SHWS S106816012
SPILLS N/A

Site 4 of 9 in cluster A

Relative:
 Higher

SHWS:
 File Under: City and County of Honolulu, Department of Environmental Services, Wastewater Treatment and Disposal
 Supplement: Not reported
 Restricted Use: x??? ICs see screening result
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: Ala Moana #2 WWPS
 Fed Id: Not reported
 Funding: ERRF
 Agreement/program: State Site
 Sitelist Name: Ala Moana #2 WWPS
 Activity Type: Screening
 Assignment Date: 5/20/2004
 Activity Lead: Mark Sutterfield
 Assignment End Date: 11/4/2004
 End fill: 11/4/2004
 Result fill: Screening No Further Action (NFA) with Institutional Controls
 Overall Status: SDAR NFA

Actual:
 3 ft.

HI SPILLS:
 Island: Oahu
 Supplemental Loc. Text: Not reported
 Case Number: 19991002-1228
 Units: Ala Moana Pump Station - Sewage Main Break
 Substances: sewage
 Less Or Greater Than: Not reported
 Numerical Quantity: Not reported
 Units: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ALA MOANA #2 WWPS (Continued)

S106816012

Activity Type: Response
Assignment Date: 10/2/1999
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: 8
Incident: Break in main at Ala Moana pump station, 500 gals into draining box. Pumped out and divert into sewer manhole. Three to five (3-5) gals per min. 08:49-10:27 secured. TMK 121015023. COOKING GREASE IN THE STORM DRAIN. REPORTED AS OIL AND GREASE.
Initial: C/C-WW lead. COOKING GREASE WAS MIXED WITH SOIL AND BURIED ON SITE. THE AREA WAS THEN PAVED OVER WITH ASPHALT.
Report: Not reported

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19900712
Units: Pacific Construction, Gold Bond Building, Keawe St
Substances: COOKING GREASE
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8
Incident: Break in main at Ala Moana pump station, 500 gals into draining box. Pumped out and divert into sewer manhole. Three to five (3-5) gals per min. 08:49-10:27 secured. TMK 121015023. COOKING GREASE IN THE STORM DRAIN. REPORTED AS OIL AND GREASE.
Initial: C/C-WW lead. COOKING GREASE WAS MIXED WITH SOIL AND BURIED ON SITE. THE AREA WAS THEN PAVED OVER WITH ASPHALT.
Report: Not reported

**A12 CENTRAL DIVISION HEADQUARTERS
 207 KEAWE ST
 HONOLULU, HI 96813**

**UST U001235188
 N/A**

Relative: Site 5 of 9 in cluster A

Higher

Actual: 3 ft.

UST:
Facility ID: 9-100496
Owner: VERIZON HAWAII
Owner Address: 1177 BISHOP ST. P.O. BOX 2200 Hon.HI 96841
Ownder City,St,Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: 7/1/1981
Tank Status: **Permanently Out of Use**
Date Closed: 3/24/1997
Tank Capacity: 10000
Substance: Diesel
Pipe Material: Bare Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A13 ALA MOANA WASTEWATER PUMP STATION
210 KEAWE STREET
HONOLULU, HI 96813

FINDS 1006843754
110014053273

< 1/8
 1 ft.

Site 6 of 9 in cluster A

Relative:
 Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
 3 ft.

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

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.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

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.

A14 MOANA PACIFIC
210 KEAWE ST
HONOLULU, HI 96814

FINDS 1008173011
110020726981

< 1/8
 1 ft.

Site 7 of 9 in cluster A

Relative:
 Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
 3 ft.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

A15 **ALA MOANA WASTEWATER PUMP STATION**
 210 KEAWE ST
 HONOLULU, HI 96813

UST U001235062
 N/A

Site 8 of 9 in cluster A

Relative:
 Higher

UST:
 Facility ID: 9-100135
 Owner: C&C HNL - DEPT OF ENVIRONMENTAL SERVICES
 Owner Address: 1000 ULU'OHIA STREET, SUITE 308
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: 2
 Installed: Not reported
 Tank Status: Currently In Use
 Date Closed: Not reported
 Tank Capacity: 10000
 Substance: Diesel
 Pipe Material: Fiberglass Reinforced Plastic
 Pipe Other Material: Not reported
 Pipe 2nd Construction: Double-Walled

Actual:
 3 ft.

Facility ID: 9-100135
 Owner: C&C HNL - DEPT OF ENVIRONMENTAL SERVICES
 Owner Address: 1000 ULU'OHIA STREET, SUITE 308
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: M-1
 Installed: 5/7/1980
 Tank Status: Currently In Use
 Date Closed: Not reported
 Tank Capacity: 10000
 Substance: Diesel
 Pipe Material: Fiberglass Reinforced Plastic
 Pipe Other Material: Not reported
 Pipe 2nd Construction: Double-Walled

A16 **1X VERIZON HAWAII**
 207 KEAWE ST
 HONLULU, HI 96813

HAZNET S105726604
 N/A

Site 9 of 9 in cluster A

Relative:
 Higher

HAZNET:
 Gepaid: HIC010606135
 Contact: TINO JACOBS
 Telephone: 8088401252
 Facility Addr2: Not reported
 Mailing Name: Not reported
 Mailing Address: 207 KEAWE ST
 Mailing City,St,Zip: Honolulu, HI 968130000
 Gen County: 99
 TSD EPA ID: Not reported
 TSD County: Kings
 Waste Category: Pesticides and other waste associated with pesticide production
 Disposal Method: Transfer Station
 Tons: 0.01
 Facility County: Not reported

Actual:
 3 ft.

Gepaid: HIC010606135
 Contact: TINO JACOBS
 Telephone: 8088401252

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

1X VERIZON HAWAII (Continued)

S105726604

Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 207 KEAWE ST
Mailing City,St,Zip: HONLULU, HI 968130000
Gen County: 99
TSD EPA ID: Not reported
TSD County: Kings
Waste Category: Polychlorinated biphenyls and material containing PCB's
Disposal Method: Disposal, Land Fill
Tons: 0.07
Facility County: Not reported

Gepaid: HIC010606135
Contact: TINO JACOBS
Telephone: 8088401252
Facility Addr2: Not reported
Mailing Name: Not reported
Mailing Address: 207 KEAWE ST
Mailing City,St,Zip: HONLULU, HI 968130000
Gen County: 99
TSD EPA ID: Not reported
TSD County: Kings
Waste Category: Other inorganic solid waste
Disposal Method: Disposal, Land Fill
Tons: 0.01
Facility County: Not reported

17 ALA MOANA #2 WWPS
SW 210 KEAWE ST
< 1/8 HONOLULU, HI 96813
66 ft.

INST CONTROL S108008412
N/A

Relative: Higher HI INSTITUTIONAL CONTROL:
Restricted Use: x??? ICs see screening result
Comments on Restricted Use: Not reported
Actual: 3 ft. IC Relied on In Remedy: Not reported
File Under: City and County of Honolulu, Department of Environmental Services, Wastewater Treatment and Dispo:

C18 PRODUCE CENTER DEV.LTD.
SSE 651 ILALO ST
< 1/8 HONOLULU, HI 96813
128 ft.

LUST U001235575
UST N/A

Site 1 of 3 in cluster C
Relative: Higher LUST:
Facility ID: 9-101735
Actual: 3 ft. Release ID: 940165
Facility Status Date: 2001-06-01 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Li

UST:
Facility ID: 9-101735
Owner: PRODUCE CENTER DEV. LTD.
Owner Address: 651 ILALO ST
Ownder City,St,Zip: Honolulu, 96813 96813

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PRODUCE CENTER DEV.LTD. (Continued)

U001235575

Tank ID: R-1
Installed: 3/10/1978
Tank Status: **Permanently Out of Use**
Date Closed: 7/7/1994
Tank Capacity: 4000
Substance: Diesel
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-101735
Owner: PRODUCE CENTER DEV. LTD.
Owner Address: 651 ILALO ST
Owndner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 3/10/1978
Tank Status: **Permanently Out of Use**
Date Closed: 7/7/1994
Tank Capacity: 6000
Substance: Gasoline
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-101735
Owner: PRODUCE CENTER DEV. LTD.
Owner Address: 651 ILALO ST
Owndner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-2
Installed: 3/10/1978
Tank Status: **Permanently Out of Use**
Date Closed: 7/4/1994
Tank Capacity: 4000
Substance: Gasoline
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

C19
SSE
< 1/8
128 ft.

PRODUCE CENTER DEVELOPMENT LIMITED
651 ILALO STREET
HONOLULU, HI 96813

RCRA-SQG 1000906752
FINDS HI0000477513

Site 2 of 3 in cluster C

Relative:
Higher

RCRAInfo:
Owner: H I COMMUNITY DEVELOPMENT
(808) 587-8160

Actual:
3 ft.

EPA ID: HI0000477513

Contact: Not reported

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

PRODUCE CENTER DEVELOPMENT LIMITED (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000906752

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

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.

C20
SSE
< 1/8
128 ft.

**HCDA/UH HEALTH AND WELLNESS CENTER
651 ILALO ST
HONOLULU, HI 96813**

**SHWS 1006821120
FINDS 110013791673
INST CONTROL**

Site 3 of 3 in cluster C

Relative:
Higher

Actual:
3 ft.

SHWS:

File Under:	State of Hawaii, Hawaii Community Development Authority
Supplement:	Not reported
Restricted Use:	This site has restrictions on its use.
Restricted Use Comm:	An exposure management plan is in use.
Ic Relied On In Remedy:	Not reported
Unit:	HCDA/UH Medical School
Fed Id:	Not reported
Funding:	Not reported
Agreement/program:	State Site
Sitelist Name:	HCDA/UH Medical School
Activity Type:	Screening
Assignment Date:	3/21/2004
Activity Lead:	Steve Mow
Assignment End Date:	8/23/2004
End fill:	8/23/2004
Result fill:	Screening No Further Action (NFA) with Institutional Controls
Overall Status:	SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

Database(s) EDR ID Number
EPA ID Number

PACIFIC NISSAN INC (Continued)

1000601430

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

D23
SE
< 1/8
366 ft.

THEO DAVIES EUROMOTORS
704 ALA MOANA BOULEVARD
HONOLULU, HI 96813

RCRA-SQG 1000324981
FINDS HID981674476
LUST
UST

Site 1 of 2 in cluster D

Relative:
Higher

RCRAInfo:

Owner: THEO DAVIES
(415) 555-1212
EPA ID: HID981674476

Actual:
3 ft.

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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: 9-101329
Release ID: 920169
Facility Status Date: 1999-03-04 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Ung

UST:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THEO DAVIES EUROMOTORS (Continued)

1000324981

Facility ID: 9-101329
Owner: THEO H. DAVIES EUROMOTORS, LTD.
Owner Address: 704 ALA MOANA BLVD
Owner City, St, Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 3/28/1981
Tank Status: **Permanently Out of Use**
Date Closed: 5/24/1992
Tank Capacity: 500
Substance: Used Oil
Pipe Material: Bare Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-101329
Owner: THEO H. DAVIES EUROMOTORS, LTD.
Owner Address: 704 ALA MOANA BLVD
Owner City, St, Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: 3/28/1981
Tank Status: **Permanently Out of Use**
Date Closed: 5/16/1992
Tank Capacity: 2000
Substance: Diesel
Pipe Material: Bare Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-101329
Owner: THEO H. DAVIES EUROMOTORS, LTD.
Owner Address: 704 ALA MOANA BLVD
Owner City, St, Zip: Honolulu, 96813 96813
Tank ID: R-2
Installed: 3/28/1976
Tank Status: **Permanently Out of Use**
Date Closed: 5/23/1992
Tank Capacity: 2000
Substance: Gasoline
Pipe Material: Bare Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

D24 HONOLULU FORD
SE 711 ALA MOANA BLVD
< 1/8 HONOLULU, HI 96813
416 ft.

Site 2 of 2 In cluster D

Relative:
Higher

Actual:
3 ft.

RCRA-SQG 1000334046
FINDS HID981652043
LUST
UST

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

HONOLULU FORD (Continued)

Database(s) EDR ID Number
EPA ID Number

1000334046

RCRAInfo:

Owner: JAMES S MARKEY
(415) 555-1212
EPA ID: HID981652043
Contact: GARY GIBO
(808) 523-8200

Classification: Conditionally Exempt Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

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LUST:

Facility ID: 9-100937
Release ID: 050036
Facility Status Date: 2005-08-25 00:00:00
Facility Status: LUST Cleanup Initiated: Petroleum
Project Officer: Li

UST:

Facility ID: 9-100937
Owner: HONOLULU FORD INC.
Owner Address: 711 ALA MOANA BLVD
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 10/28/1988
Tank Status: **Permanently Out of Use**
Date Closed: 6/29/2005
Tank Capacity: 2500
Substance: Used Oil
Pipe Material: No Piping
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-100937
Owner: HONOLULU FORD INC.
Owner Address: 711 ALA MOANA BLVD
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-01

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HONOLULU FORD (Continued)

1000334046

Installed: 5/28/1962
Tank Status: Permanently Out of Use
Date Closed: 10/10/1988
Tank Capacity: 500
Substance: Used Oil
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-100937
Owner: HONOLULU FORD INC.
Owner Address: 711 ALA MOANA BLVD
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-02
Installed: 5/28/1962
Tank Status: Permanently Out of Use
Date Closed: 10/10/1988
Tank Capacity: 500
Substance: Used Oil
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

25 FORT ARMSTRONG PARKING LOT (MOTORPOOL)
NW BUFORD AND PLEASANTON AVE
< 1/8 HONOLULU, HI 96813
489 ft.

LUST U003221870
UST N/A

Relative:
Higher

LUST:
Facility ID: 9-103002
Release ID: 950048
Facility Status Date: 1999-08-26 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Maniulit

Actual:
3 ft.

UST:
Facility ID: 9-103002
Owner: U.S. GENERAL SERVICES ADMINISTRATION
Owner Address: PJKK FEDERAK BLDG & COURTHOUSE 300 ALA MOANA BLVD. RM 3-119
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: 1/1/1969
Tank Status: Permanently Out of Use
Date Closed: 1/18/1995
Tank Capacity: 4000
Substance: Gasoline
Pipe Material: Bare Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-103002
Owner: U.S. GENERAL SERVICES ADMINISTRATION
Owner Address: PJKK FEDERAK BLDG & COURTHOUSE 300 ALA MOANA BLVD. RM 3-119
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-2
Installed: 1/1/1982
Tank Status: Permanently Out of Use

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

FORT ARMSTRONG PARKING LOT (MOTORPOOL) (Continued)

U003221870

Date Closed: 1/25/1995
 Tank Capacity: 12000
 Substance: Gasoline
 Pipe Material: Unknown
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

**E26
 ENE
 < 1/8
 515 ft.**

**ANOTHER SHADOW INC
 444 LEAWE ST
 HONOLULU, HI 96813**

**RCRA-SQG 1000409233
 FINDS HID981667249**

Site 1 of 2 in cluster E

**Relative:
 Higher**

RCRAInfo:

Owner: CLARK SWINK
 (415) 555-1212

EPA ID: HID981667249

Contact: ENVIRONMENTAL MANAGER
 (808) 526-1169

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: No violations found

**Actual:
 3 ft.**

FINDS:

Other Pertinent Environmental Activity Identified at Site

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**E27
 ENE
 < 1/8
 531 ft.**

**APIC CORP
 435 KEAWE ST
 HONOLULU, HI 96813**

**RCRA-SQG 1008194957
 HIR000136390**

Site 2 of 2 in cluster E

**Relative:
 Higher**

RCRAInfo:

Owner: APIC CORP

EPA ID: HIR000136390

Contact: THOMAS HUANG
 808-550-0374

Classification: Small Quantity Generator
 TSDF Activities: Not reported

**Actual:
 3 ft.**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

APIC CORP (Continued)

Violation Status: No violations found

Database(s) EDR ID Number
EPA ID Number

1008194957

28
North
< 1/8
607 ft.

A T & T COMMUNICATION
500 ALA MOANA BLVD. #210
HONOLULU, HI 96813

UST U003541740
N/A

Relative:
Higher

UST:

Actual:
3 ft.

Facility ID: 9-101732
Owner: A T & T COMMUNICATIONS CORP
Owner Address: 227 WEST MONROE, SUITE 2240
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: M-2
Installed: 10/5/2000
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 6000
Substance: Diesel
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: Double-Walled

Facility ID: 9-101732
Owner: A T & T COMMUNICATIONS CORP
Owner Address: 227 WEST MONROE, SUITE 2240
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: M-1
Installed: 3/1/1998
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 8000
Substance: Diesel
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: Double-Walled

Facility ID: 9-101732
Owner: A T & T COMMUNICATIONS CORP
Owner Address: 227 WEST MONROE, SUITE 2240
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-M-1
Installed: 11/17/1987
Tank Status: **Permanently Out of Use**
Date Closed: 1/21/1998
Tank Capacity: 6000
Substance: Diesel
Pipe Material: Unknown
Pipe Other Material: Not reported
Pipe 2nd Construction: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Database(s)
 EDR ID Number
 EPA ID Number

F31
SE
1/8-1/4
669 ft.

KAKAAKO MAKAI GATEWAY
COOKE ST & ILALO ST
HONOLULU, HI 96814

SHWS 1006820751
FINDS 110013787606

Site 2 of 3 in cluster F

Relative:
Higher

Actual:
4 ft.

SHWS:
 File Under: State of Hawaii, Hawaii Community Development Authority
 Supplement: Not reported
 Restricted Use: Not reported
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: Y. Hata Company, Ltd.
 Fed Id: Not reported
 Funding: Not reported
 Agreement/program: State Site
 Sitelist Name: Y. Hata Company, Ltd.
 Activity Type: Ranking
 Assignment Date: 4/13/2005
 Activity Lead: Eric Sadoyama
 Assignment End Date: 8/11/2005
 End fill: 8/11/2005
 Result fill: SDAR Ranked No Further Action (NFA)
 Overall Status: SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

F32
SE
1/8-1/4
673 ft.

FLINT INK CORP CAL INK DIV
223 COOKE ST
HONOLULU, HI 96813

RCRA-SQG 1000321576
FINDS HID044845493

Site 3 of 3 in cluster F

Relative:
Higher

Actual:
3 ft.

RCRAInfo:
 Owner: FLINT INK CORPORATION
 (415) 555-1212
 EPA ID: HID044845493
 Contact: ENVIRONMENTAL MANAGER
 (808) 538-6718
 Classification: Small Quantity Generator
 TSDF Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FLINT INK CORP CAL INK DIV (Continued)

1000321576

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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G33
SE
1/8-1/4
698 ft.

LEXUS OF HAWAII
744 ALA MOANA BOULEVARD
HONOLULU, HI 96813

RCRA-SQG 1000427524
FINDS HID982488033

Site 1 of 5 in cluster G

Relative:
Higher

RCRAInfo:

Owner: SERVCO PACIFIC INC
(415) 555-1212

EPA ID: HID982488033

Contact: ENVIRONMENTAL MANAGER
(808) 545-3987

Actual:
3 ft.

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

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MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

G34 FORMER SHELLY MOTORS AUTO SALES
SE 744 ALA MOANA BLVD
1/8-1/4 HONOLULU, HI 96814
698 ft.

LUST U001235757
UST N/A

Site 2 of 5 in cluster G

**Relative:
 Higher**

LUST:
 Facility ID: 9-102163
 Release ID: 890036
 Facility Status Date: 1993-08-11 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Sadoyama

**Actual:
 3 ft.**

UST:
 Facility ID: 9-102163
 Owner: SHELLY MOTORS, INC
 Owner Address: 900 ALA MOANA BLVD
 Owner City,St,Zip: Honolulu, 96814 96814
 Tank ID: R-1
 Installed: Not reported
Tank Status: Permanently Out of Use
 Date Closed: 5/4/1989
 Tank Capacity: 550
 Substance: Used Oil
 Pipe Material: Bare Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-102163
 Owner: SHELLY MOTORS, INC
 Owner Address: 900 ALA MOANA BLVD
 Owner City,St,Zip: Honolulu, 96814 96814
 Tank ID: R-2
 Installed: Not reported
Tank Status: Permanently Out of Use
 Date Closed: 5/4/1989
 Tank Capacity: 1000
 Substance: Gasoline
 Pipe Material: Not Listed
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

G35 UNDERGROUND HOISTS
SE 744 ALA MOANA BLVD
1/8-1/4 HONOLULU, HI 96813
698 ft.

SHWS 1006819562
FINDS 110013773844
SPILLS
INST CONTROL

Site 3 of 5 in cluster G

**Relative:
 Higher**

SHWS:
 File Under: Kamehameha School-Bishop Estate
 Supplement: Not reported
 Restricted Use: This site has restrictions on its use.
 Restricted Use Comm: The Site is limited to commercial use. See the hardcopy file for a description of the restrictions in use.
 Ic Relied On In Remedy: Not reported
 Unit: Bishop Estate - Underground Hoists Removal
 Fed Id: Not reported
 Funding: ERRF
 Agreement/program: State Site
 Sitelist Name: Bishop Estate - Underground Hoists Removal

**Actual:
 3 ft.**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

UNDERGROUND HOISTS (Continued)

1006819562

Activity Type: Unregulated UST
 Assignment Date: 5/16/2003
 Activity Lead: Clarence Callahan
 Assignment End Date: 6/30/2003
 End fill: 6/30/2003
 Result fill: No Further Action (NFA) for Unreg UST - Unrestricted Use (Zoned Industrial)
 Overall Status: SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HI SPILLS:

Island: Oahu
 Supplemental Loc. Text: Not reported
 Case Number: 20021113-1500
 Units: Underground Hoists Removal
 Substances: Hydraulic Oil
 Less Or Greater Than: Not reported
 Numerical Quantity: 25
 Units: Gallons
 Activity Type: Response
 Assignment Date: 11/13/2002
 Activity Lead: Liz Galvez
 Assignment End Date: Not reported
 Result: 8
 Incident: Property owned by Kamehameha Schools. Removal of 2 underground hoists, 1 of 2 leaked. 3-5 yrs of soil removed and stockpiled on site. Ground water is at 5 ft. and is tidally influenced. Monitoring well to be placed, formerly CONT
 Initial: Lust site, received NFA on 1993, for gas and waste Oil. Notification taken, referral to ISST. POC Joy Takahashi.
 Report: Not reported

HI INSTUTIONAL CONTROL:

Restricted Use: This site has restrictions on its use.
 Comments on Restricted Use: The Site is limited to commercial use. See the hardcopy file for a description of the restrictions in use.
 IC Relied on in Remedy: Not reported
 File Under: Kamehameha School-Bishop Estate

G36
 SE
 1/8-1/4
 746 ft.

**CHEVRON USA INC.
 753 ALA MOANA BLVD
 HONOLULU, HI 96814**

**UST U001235434
 N/A**

Site 4 of 5 in cluster G

**Relative:
 Higher**

UST:

**Actual:
 3 ft.**

Facility ID: 9-101261
 Owner: CHEVRON PRODUCTS COMPANY
 Owner Address: 91-480 MALAKOLE ST.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

CHEVRON USA INC. (Continued)

U001235434

Owner City,St,Zip: Honolulu, 96814 96814
 Tank ID: R-1
 Installed: Not reported
 Tank Status: **Permanently Out of Use**
 Date Closed: Not reported
 Tank Capacity: Not reported
 Substance: Other
 Pipe Material: Other
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

37
ENE
1/8-1/4
750 ft.

AMFAC DIST. HI -BLDG MATERIALS
465 CORAL ST
HONOLULU, HI 96813

UST U003221672
N/A

Relative:
Higher

UST:

Facility ID: 9-101490
 Owner: AMFAC DISTRIBUTION HAWAII
 Owner Address: 700 BISHOP St, 21ST FLOOR
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-01
 Installed: Not reported
 Tank Status: **Permanently Out of Use**
 Date Closed: Not reported
 Tank Capacity: Not reported
 Substance: Gasoline
 Pipe Material: Unknown
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Actual:
3 ft.

G38
SE
1/8-1/4
845 ft.

FULLER O'BRIEN PAINT
770 ALA MOANA BLVD
HONOLULU, HI 96813

LUST U001236007
UST N/A

Site 5 of 5 in cluster G

Relative:
Higher

LUST:

Facility ID: 9-102671
 Release ID: 930135
 Facility Status Date: 1993-09-23 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Assigned

Facility ID: 9-102671
 Release ID: 020015
 Facility Status Date: 2002-02-08 00:00:00
 Facility Status: LUST Cleanup Initiated: Petroleum
 Project Officer: Park

Actual:
3 ft.

UST:

Facility ID: 9-102671
 Owner: THE O'BRIEN CORPORATION
 Owner Address: 450 EAST GRAND AVENUE
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-2

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FULLER O'BRIEN PAINT (Continued)

U001236007

Installed: 12/30/1965
Tank Status: Permanently Out of Use
Date Closed: 12/1/1985
Tank Capacity: 1000
Substance: Other
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102671
Owner: THE O'BRIEN CORPORATION
Owner Address: 450 EAST GRAND AVENUE
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 2/17/1994
Tank Capacity: 1000
Substance: Unknown
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102671
Owner: THE O'BRIEN CORPORATION
Owner Address: 450 EAST GRAND AVENUE
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: 12/30/1965
Tank Status: Permanently Out of Use
Date Closed: 12/1/1985
Tank Capacity: 1000
Substance: Gasoline
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

H39 ARA SERVICES INC.
ESE 746 AUAHI ST
1/8-1/4 HONOLULU, HI 96813
885 ft.

FINDS 1006844018
LUST 110014056289

Relative: Site 1 of 3 in cluster H
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-102521
Release ID: 920084
Facility Status Date: 1994-08-24 00:00:00
Facility Status: Site Cleanup Completed

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ARA SERVICES INC. (Continued)

1006844018

Project Officer: Sadoyama

H40
ESE
1/8-1/4
885 ft.

ARA SERVICES INC.
746 AUAHI ST
HONOLULU, HI 96800

UST U001237389
N/A

Relative:
Higher

Site 2 of 3 in cluster H

Actual:
3 ft.

UST:

Facility ID: 9-102521
Owner: JOHN L. WADE JR.
Owner Address: C/O CADES, SCHUTTE, FLEMING AND WRIGHT 1000 BISHOP ST
Owner City,St,Zip: Honolulu, 96800 96800
Tank ID: R-1
Installed: 12/30/1989
Tank Status: **Permanently Out of Use**
Date Closed: 2/22/1992
Tank Capacity: Not reported
Substance: Gasoline
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102521
Owner: JOHN L. WADE JR.
Owner Address: C/O CADES, SCHUTTE, FLEMING AND WRIGHT 1000 BISHOP ST
Owner City,St,Zip: Honolulu, 96800 96800
Tank ID: R-2
Installed: 12/30/1974
Tank Status: **Permanently Out of Use**
Date Closed: 2/22/1992
Tank Capacity: Not reported
Substance: Gasoline
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102521
Owner: JOHN L. WADE JR.
Owner Address: C/O CADES, SCHUTTE, FLEMING AND WRIGHT 1000 BISHOP ST
Owner City,St,Zip: Honolulu, 96800 96800
Tank ID: R-3
Installed: 12/30/1974
Tank Status: **Permanently Out of Use**
Date Closed: 2/22/1992
Tank Capacity: Not reported
Substance: Gasoline
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

H41 **FULLER OBRIEN PAINTS**
ESE **746 AUAHI ST**
1/8-1/4 **HONOLULU, HI 96813**
885 ft.

RCRA-SQG **1000860465**
FINDS **HID984469957**

Site 3 of 3 In cluster H

Relative:
Higher

RCRAInfo:
Owner: **THE OBRIEN CORP**
 (415) 871-6060

Actual:
3 ft.

EPA ID: **HID984469957**

Contact: **KERRY KIYABU**
 (808) 537-6902

Classification: **Small Quantity Generator**
TSDF Activities: **Not reported**

Violation Status: **No violations found**

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

42 **AMENSTY DAY HAWAII**
ENE **690 POHUKAINA STREET**
1/8-1/4 **HONOLULU, HI 96813**
931 ft.

RCRA-SQG **1000321121**
FINDS **HID981403769**

Relative:
Higher

RCRAInfo:
Owner: **STATE OF HAWAII**
 (415) 555-1212

Actual:
3 ft.

EPA ID: **HID981403769**

Contact: **ENVIRONMENTAL MANAGER**
 (808) 548-6915

Classification: **Small Quantity Generator**
TSDF Activities: **Not reported**

Violation Status: **No violations found**

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

I43 **PRINCE KUHIO FEDERAL BLDG.**
North **300 ALA MOANA BLVD**
1/8-1/4 **HONOLULU, HI 96850**
979 ft.

UST **U001235630**
 N/A

Site 1 of 5 In cluster I

Relative:
Higher

Actual:
3 ft.

UST:
 Facility ID: 9-101930
 Owner: U.S. GENERAL SERVICES ADMINISTRATION
 Owner Address: PJKK FEDERAK BLDG & COURTHOUSE 300 ALA MOANA BLVD. RM 3-119
 Owner City,St,Zip: Honolulu, 96850 96850
 Tank ID: M-2
 Installed: 8/1/1995
Tank Status: Currently In Use
 Date Closed: Not reported
 Tank Capacity: 5000
 Substance: Diesel
 Pipe Material: Fiberglass Reinforced Plastic
 Pipe Other Material: Not reported
 Pipe 2nd Construction: Double-Walled

Facility ID: 9-101930
 Owner: U.S. GENERAL SERVICES ADMINISTRATION
 Owner Address: PJKK FEDERAK BLDG & COURTHOUSE 300 ALA MOANA BLVD. RM 3-119
 Owner City,St,Zip: Honolulu, 96850 96850
 Tank ID: R-1
 Installed: 2/1/1977
Tank Status: Permanently Out of Use
 Date Closed: 2/18/1995
 Tank Capacity: 5000
 Substance: Diesel
 Pipe Material: Bare Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

I44 **KURE ATOLL, U.S. COAST GUARD**
North **300 ALA MOANA BLVD, SUITE 8122**
1/8-1/4 **HONOLULU, HI 96850**
979 ft.

CERCLIS **1000816949**
FINDS **HID984470039**
SPILLS

Site 2 of 5 In cluster I

Relative:
Higher

Actual:
3 ft.

CERCLIS:
 Site ID: 0904867
 Federal Facility: Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: SI Start Needed

CERCLIS Site Contact Name(s):

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

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dan McMIndes
Contact Tel: (415) 972-3401
Contact Title: Site Assessment Manager (SAM)

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

KURE ATOLL, U.S. COAST GUARD (Continued)

EDR ID Number
EPA ID Number
Database(s)

1000816949

CERCLIS Site Alias Name(s):

Alias Name: CG-KURE ATOLL
Alias Address: 300 ALA MOANA BLVD, STE 8122
HONOLULU, HI 95620

Site Description: Not reported

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/09/1993
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/29/1993
Priority Level: High

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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

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

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19920303
Units: USCG Marine Safety Office- Pier 4, Underground Pipeline/Pocket of Bunker C
Substances: Bunker C - Black Oil
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8
Incident: Reconstruction of Pier 4 Foundation / from Contractors Digging. USCG suspected

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

KURE ATOLL, U.S. COAST GUARD (Continued)

1000816949

old discontinued pipeline ruptured which was feed line to Piers 1-3.
 Initial: USCG located source & contracted Penco for clean-up. Sorbents were deployed.
 Report: Not reported

J45 TIRE RECAP SERVICE
ENE 526 KEAWE ST
1/8-1/4 HONOLULU, HI 96813
1033 ft.

FINDS 1006843074
LUST 110014045924

Site 1 of 2 In cluster J

Relative:
 Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
 3 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: 9-102758
 Release ID: 930108
 Facility Status Date: 1997-06-20 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Sadoyama

J46 TIRE RECAP SERVICE
ENE 526 KEAWE ST
1/8-1/4 HONOLULU, HI 96813
1033 ft.

UST U003154623
N/A

Site 2 of 2 In cluster J

Relative:
 Higher

UST:
 Facility ID: 9-102758
 Owner: AMELCO CORPORATION
 Owner Address: 2308 PAHOUNUI DR
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-E
 Installed: Not reported
 Tank Status: Permanently Out of Use
 Date Closed: 6/30/1990
 Tank Capacity: 2000
 Substance: Not Listed
 Pipe Material: Not Listed
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Actual:
 3 ft.

Facility ID: 9-102758
 Owner: AMELCO CORPORATION
 Owner Address: 2308 PAHOUNUI DR
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-D
 Installed: Not reported
 Tank Status: Permanently Out of Use
 Date Closed: 6/30/1990
 Tank Capacity: 2000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TIRE RECAP SERVICE (Continued)

U003154623

Substance: Not Listed
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102758
Owner: AMELCO CORPORATION
Owner Address: 2308 PAHOUNUI DR
Ownder City,St,Zip: Honolulu, 96813 96813
Tank ID: R-F
Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 6/30/1990
Tank Capacity: 550
Substance: Not Listed
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

K47
South
1/8-1/4
1045 ft.

KEWALO INCINERATOR LANDFILL
709 KELIKOI STREET
HONOLULU, HI 96813

SHWS S108008564
N/A

Site 1 of 5 In cluster K

Relative:
Higher

SHWS:

Actual:
10 ft.

File Under: State of Hawaii, Hawaii Community Development Authority
Supplement: 709 Kelikoi St
Restricted Use: This site is under evaluation for use restriction.
Restricted Use Comm: The site is currently a park w/ unlimited access
IC Relied On In Remedy: Not reported
Unit: Kewalo Incinerator Landfill
Fed Id: HID980497226
Funding: Not reported
Agreement/program: State Site
Sitelist Name: Kewalo Incinerator Landfill
Activity Type: ISST
Assignment Date: 3/29/1989
Activity Lead: Unknown
Assignment End Date: 1/12/1996
End fill: 1/12/1996
Result fill: ISST Ranked NFA
Overall Status: SDAR NFA

K48
South
1/8-1/4
1045 ft.

KEWALO INCINERATOR LANDFILL
709 KELIKOI STREET
HONOLULU, HI 96813

INST CONTROL S108008443
N/A

Site 2 of 5 In cluster K

Relative:
Higher

HI INSTUTIONAL CONTROL:

Actual:
10 ft.

Restricted Use: This site is under evaluation for use restriction.
Comments on Restricted Use: The site is currently a park w/ unlimited access
IC Relied on in Remedy: Not reported
File Under: State of Hawaii, Hawaii Community Development Authority

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

L49 **CUTTER MOTOR CARS, INC**
SE **800 ALA MOANA BLVD**
1/8-1/4 **HONOLULU, HI 96813**
1075 ft.

LUST **U001235288**
UST **N/A**

Site 1 of 2 In cluster L

Relative:
Higher

LUST:
 Facility ID: 9-100911
 Release ID: 900080
 Facility Status Date: 1998-02-12 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Ruiz

Actual:
3 ft.

UST:
 Facility ID: 9-100911
 Owner: CUTTER MOTOR CARS, LTD
 Owner Address: 800 ALA MOANA BLVD
 Owner City, St, Zip: Honolulu, 96813 96813
 Tank ID: R-25
 Installed: 5/5/1965
Tank Status: Permanently Out of Use
 Date Closed: 5/30/1990
 Tank Capacity: 4000
 Substance: Gasoline
 Pipe Material: Unknown
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-100911
 Owner: CUTTER MOTOR CARS, LTD
 Owner Address: 800 ALA MOANA BLVD
 Owner City, St, Zip: Honolulu, 96813 96813
 Tank ID: 26
 Installed: 6/19/1990
Tank Status: Currently In Use
 Date Closed: Not reported
 Tank Capacity: 550
 Substance: Used Oil
 Pipe Material: No Piping
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-100911
 Owner: CUTTER MOTOR CARS, LTD
 Owner Address: 800 ALA MOANA BLVD
 Owner City, St, Zip: Honolulu, 96813 96813
 Tank ID: R-26
 Installed: 5/5/1966
Tank Status: Permanently Out of Use
 Date Closed: 5/30/1990
 Tank Capacity: 500
 Substance: Used Oil
 Pipe Material: Unknown
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-100911
 Owner: CUTTER MOTOR CARS, LTD
 Owner Address: 800 ALA MOANA BLVD

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CUTTER MOTOR CARS, INC (Continued)

U001235288

Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-27
Installed: 5/5/1960
Tank Status: **Permanently Out of Use**
Date Closed: 5/30/1990
Tank Capacity: 1000
Substance: Gasoline
Pipe Material: Unknown
Pipe Other Material: Not reported
Pipe 2nd Construction: None

L50
SE
1/8-1/4
1075 ft.

**CUTTER MOTOR CARS
800 ALA MOANA BLVD
HONOLULU, HI 96813**

RCRA-SQG 1000207172
FINDS HID981967193

Site 2 of 2 in cluster L

Relative:
Higher

RCRAInfo:

Actual:
3 ft.

Owner: MCKENNA DANIEL
(415) 555-1212
EPA ID: HID981967193
Contact: ENVIRONMENTAL MANAGER
(808) 537-3386

Classification: Conditionally Exempt Small Quantity Generator
TSD Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

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M51
NE
1/8-1/4
1077 ft.

**REED LANE WAREHOUSE
556 REED LN
HONOLULU, HI 96813**

FINDS 1006843586
LUST 110014051523

Site 1 of 2 in cluster M

Relative:
Higher

FINDS:

Actual:
3 ft.

Other Pertinent Environmental Activity Identified at Site

HI-UST (Hawaii - Underground Storage Tank). Hawaii Underground Storage Tank

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

REED LANE WAREHOUSE (Continued)

1006843586

Program regulates underground storage tanks which store petroleum or hazardous substances and offers documents and data products for downloading.

LUST:

Facility ID: 9-103537
 Release ID: 990222
 Facility Status Date: 2001-05-03 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Fu

**M52
 NE
 1/8-1/4
 1077 ft.**

**REED LANE WAREHOUSE
 556 REED LN
 HONOLULU, HI 96813**

**UST U003732578
 N/A**

Site 2 of 2 in cluster M

**Relative:
 Higher**

UST:

**Actual:
 3 ft.**

Facility ID: 9-103537
 Owner: KAMEHAMEHA SCHOOLS/BISHOP ESTATE
 Owner Address: 567 S. KING ST KAWAIAHAO PLAZA, SUITE 200
 Owner City, St, Zip: Honolulu, 96813 96813
 Tank ID: R-1
 Installed: Not reported
 Tank Status: **Permanently Out of Use**
 Date Closed: 8/12/1999
 Tank Capacity: 1000
 Substance: Gasoline
 Pipe Material: Bare Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

**I53
 North
 1/8-1/4
 1125 ft.**

**PACIFIC CRUISES
 181 ALA MOANA BLVD PIER 7A
 HONOLULU, HI 96813**

**RCRA-SQG 1006806688
 FINDS HIR000133231**

Site 3 of 5 in cluster I

**Relative:
 Higher**

RCRAInfo:

**Actual:
 3 ft.**

Owner: OWNER
 EPA ID: HIR000133231
 Contact: Not reported
 Classification: Small Quantity Generator
 TSD Activities: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

PACIFIC CRUISES (Continued)

1006806688

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

K54
SSE
1/8-1/4
1131 ft.

ROBERTS HAWAII TOURS
759 KELIKOI ST
HONOLULU, HI 96813

LUST **U001235283**
UST **N/A**

Site 3 of 5 in cluster K

Relative:
Higher

LUST:

Actual:
9 ft.

Facility ID: 9-100893
Release ID: 910017
Facility Status Date: 1996-02-13 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Ichinotsubo

UST:

Facility ID: 9-100893
Owner: ROBERTS HAWAII TOURS, INC
Owner Address: 680 IWILEI ROAD, SUITE 700
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 4/8/1976
Tank Status: **Permanently Out of Use**
Date Closed: 1/28/1991
Tank Capacity: 1000
Substance: Used Oil
Pipe Material: Unknown
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-100893
Owner: ROBERTS HAWAII TOURS, INC
Owner Address: 680 IWILEI ROAD, SUITE 700
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-2
Installed: 4/8/1976
Tank Status: **Permanently Out of Use**
Date Closed: 1/28/1991
Tank Capacity: 6000
Substance: Gasoline
Pipe Material: Unknown
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-100893

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ROBERTS HAWAII TOURS (Continued)

U001235283

Owner: ROBERTS HAWAII TOURS, INC
Owner Address: 680 IWILEI ROAD, SUITE 700
Owner City, St, Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: 4/8/1976
Tank Status: Permanently Out of Use
Date Closed: 1/28/1991
Tank Capacity: 12000
Substance: Diesel
Pipe Material: Unknown
Pipe Other Material: Not reported
Pipe 2nd Construction: None

K55
SSE
1/8-1/4
1131 ft.

ROBERTS HAWAII
759 KELIKOI ST
HONOLULU, HI 96814

SHWS S106820242
SPILLS N/A
INST CONTROL

Relative:
Higher

Site 4 of 5 in cluster K

Actual:
9 ft.

SHWS:

File Under: Roberts Hawaii Tours
Supplement: Not reported
Restricted Use: This site has restrictions on its use.
Restricted Use Comm: Prohibit Any Activity That May Disturb the Integrity of the Capping System
IC Relied On In Remedy: Not reported
Unit: Roberts Hawaii
Fed Id: Not reported
Funding: ERRF
Agreement/program: State Site
Sitelist Name: Roberts Hawaii
Activity Type: Site Assessment
Assignment Date: 10/13/2003
Activity Lead: Steve Mow
Assignment End Date: 4/22/2005
End fill: 4/22/2005
Result fill: No Further Action (NFA) Letter - with Institutional Controls
Overall Status: SDAR NFA

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19901012-2
Units: Roberts Hawaii on Kelikoi Street
Substances: USED MOTOR OIL, SOLVENTS, DIESEL ANTIFREEZE AND HYDCAULICOIL
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8
Incident: SOILS CONTAMINATED WITH OIL AND HYDRAULIC FLUID. EPCRA
Initial: SOIL TAKEN TO LANDFILL FOR DISPOSAL
Report: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

ROBERTS HAWAII (Continued)

S106820242

HI INSTUTIONAL CONTROL:

Restricted Use:	This site has restrictions on its use.
Comments on Restricted Use:	Prohibit Any Activity That May Disturb the Integrity of the Capping System
IC Relied on in Remedy:	Not reported
File Under:	Roberts Hawaii Tours

N56 **EUROCARE/KEICO PACIFIC/SHONS AUT**
NE **545 SOUTH ST**
1/8-1/4 **HONOLULU, HI 96813**
1134 ft.

FINDS **1006844136**
LUST **110014057670**

Site 1 of 3 in cluster N

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
3 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:	9-102760
Release ID:	930110
Facility Status Date:	1997-06-20 00:00:00
Facility Status:	Site Cleanup Completed
Project Officer:	Brewer

N57 **EUROCARE/KEICO PACIFIC/SHONS AUT**
NE **545 SOUTH ST**
1/8-1/4 **HONOLULU, HI 96813**
1134 ft.

UST **U003154625**
N/A

Site 2 of 3 in cluster N

Relative:
Higher

UST:

Facility ID:	9-102760
Owner:	AMELCO CORPORATION
Owner Address:	2308 PAHOUNUI DR
Owner City, St, Zip:	Honolulu, 96813 96813
Tank ID:	R-3
Installed:	Not reported
Tank Status:	Permanently Out of Use
Date Closed:	6/30/1990
Tank Capacity:	2000
Substance:	Gasoline
Pipe Material:	Not Listed
Pipe Other Material:	Not reported
Pipe 2nd Construction:	None

Actual:
3 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

I58 HONOLULU GENERATING STATION
 North 170 ALA MOANA BLVD
 1/8-1/4 HONOLULU, HI 96813
 1134 ft.

UST U001235312
 N/A

Site 4 of 5 in cluster I

Relative:
 Higher

UST:
 Facility ID: 9-100961
 Owner: HAWAIIAN ELECTRIC CO., INC.
 Owner Address: P.O. BOX 2750
 Owner City, St, Zip: Honolulu, 96813 96813
 Tank ID: R-01
 Installed: 11/16/1968
 Tank Status: **Permanently Out of Use**
 Date Closed: Not reported
 Tank Capacity: 1000
 Substance: Gasoline
 Pipe Material: Galvanized Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Actual:
 3 ft.

I59 HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION
 North 170 ALA MOANA BOULEVARD
 1/8-1/4 HONOLULU, HI 96813
 1134 ft.

RCRA-SQG 1000146691
 SHWS HID000150680
 FINDS
 SPILLS
 RCRA-TSDF
 CORRACTS
 CERC-NFRAP

Site 5 of 5 in cluster I

Relative:
 Higher

RCRAInfo Corrective Action Summary:
 Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
 Event Date: 03/16/1992
 Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1) it appears to be technically infeasible or inappropriate (NF) or 2) there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.
 Event Date: 03/16/1992
 Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
 Event Date: 04/30/1990

RCRAInfo:
 Owner: HAWAIIAN ELECTRIC CO., INC.
 (808) 548-7311
 EPA ID: HID000150680
 Contact: Not reported
 Classification: TSDF
 TSDF Activities: Used oil market burner, Used oil spec marketer

BIENNIAL REPORTS:
 Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	1380.11	D002	35.00

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000146691

D007	15.00	D008	40.00
D009	10.00	D018	1150.00
F003	1165.00	P106	20.00

Violation Status: Violations exist

Regulation Violated: 40 CFR 262.34(a)(2)
 Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
 Date Violation Determined: 03/18/2003
 Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/31/2003
 Penalty Type: Not reported

Regulation Violated: 40 CFR 279.22(c)(1)
 Area of Violation: 09UOG
 Date Violation Determined: 03/18/2003
 Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/31/2003
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
 Date Violation Determined: 03/31/1986
 Actual Date Achieved Compliance: 05/08/1986

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/31/1986
 Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS 09UOG	
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19860508

SHWS:

File Under: Hawaiian Electric Co., Inc. (HECO)
 Supplement: Not reported
 Restricted Use: Not reported
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: Hawaiian Electric Company (HECO)-Honolulu Generating Station
 Fed Id: HID000150680
 Funding: Not reported
 Agreement/program: State Site
 Site/ist Name: Hawaiian Electric Company (HECO)-Honolulu Generating Station
 Activity Type: File Review
 Assignment Date: 10/17/2003
 Activity Lead: Unassigned (low)
 Assignment End Date: Not reported
 End fill: 7/24/2006
 Result fill: Ongoing
 Overall Status: Ongoing

FINDS:

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION (Continued)

1000146691

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an Input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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

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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

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.

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION (Continued)

1000146691

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20041105-1850
Units: Ward Avenue Blown Transformer
Substances: Shell DIALA Oil
Less Or Greater Than: Not reported
Numerical Quantity: 100
Units: Gallons
Activity Type: Response
Assignment Date: 11/5/2004
Activity Lead: Paul Chong
Assignment End Date: 11/9/2004
Result: 8

Incident: Oil Sheen on water fronting the Intake for the generating plant. Received a call regarding Blown Transformer at the Ward facility. While cleaning up a tunnel, the guzzler, which cleans up debris, lost a cap and spilled hydraulic fluid. The hydraulic fluid caused a sheen at Pier 6 Honolulu Harbor. Pressure in the primary fuel oil pump caused the relief valve to open, releasing the fuel oil. No media was impacted. The oil was contained within the concrete lined fuel pipeline trough. 50 gallons of turbine oil to the sealed concrete floor. Release first reported to Mike around 11:00a. Line leak (rusted spot) contained leak inside trench. Concrete trench. Incident happened at 2:30.

Initial: Disabled sump pump. PENCO to assist in taking oil out of trench. Oil sheen fronting the seawater intake to the plant. Oil sheen cause due to large water main break in Nimitz Hwy. Crews began an immediate cleanup recovering usable product and removing remaining signs of contamination. Cleanup debris was taken to H-Power for disposal.

Report: Received call from Andy Keith, informed me that a transformer had exploded at their Ward Facility. He currently has several crews cleaning the site, incident is under control. Oil Sheen due to water main break on Nimitz Hwy.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20011024-1407
Units: Guzzler Hydraulic Fluid Spill
Substances: Hydraulic Fluid
Less Or Greater Than: Not reported
Numerical Quantity: 10
Units: Gallons
Activity Type: Response
Assignment Date: 10/24/2001
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8

Incident: Oil Sheen on water fronting the Intake for the generating plant. Received a call regarding Blown Transformer at the Ward facility. While cleaning up a tunnel, the guzzler, which cleans up debris, lost a cap and spilled hydraulic fluid. The hydraulic fluid caused a sheen at Pier 6 Honolulu Harbor. Pressure in the primary fuel oil pump caused the relief valve to open, releasing the fuel oil. No media was impacted. The oil was contained within the concrete lined fuel pipeline trough. 50 gallons of turbine oil to the sealed concrete floor. Release first reported to Mike around 11:00a. Line leak (rusted spot) contained leak inside trench. Concrete trench. Incident happened at 2:30.

Initial: Disabled sump pump. PENCO to assist in taking oil out of trench. Oil sheen fronting the seawater intake to the plant. Oil sheen cause due to large water main break in Nimitz Hwy. Crews began an immediate cleanup recovering usable

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION (Continued)

1000146691

product and removing remaining signs of contamination. Cleanup debris was taken to H-Power for disposal.
Report: Received call fom Andy Keith, informed me that a transformer had exploded at their Ward Facility. He currently has several crews cleaning the site, incident is under control.Oil Sheen due to water main break on Nimitiz Hwy.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19980415-0845
Units: HECO-Honolulu Gererating Station
Substances: Fuel Oil
Less Or Greater Than: Not reported
Numerical Quantity: 35
Units: Gallons
Activity Type: Response
Assignment Date: 4/15/1998
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8

Incident: Oil Sheen on water fronting the Intake for the gererating plant.Received a call regarding Blown Transformer at the Ward facility.While cleaning up a tunnel, the guzzler, which cleans up debris, lost a cap and spilled hydraulic fluid. The hydraulic fluid caused a sheen at Pier 6 Honolulu Harbor.Pressure in the primary fuel oil pump caused the relief valve to open, releasing the fuel oil. No media was impacted. The oil was contained within the concrete lined fuel pipeline trough.50 gallons of turbine oil to the sealed concrete floor. Release first reportedto Mike around 11:00a.Line leak (rusted spot) contalned leak inside trench. Concrete trench. Incident happened at 2:30.

Initial: Disabled sump pump. PENCO to assist in taking oil out of trench.Oil sheen fronting the seawater Intake to the plant. Oil sheen cause due to large water main break in Nimitiz Hwy.Crews began an immedlate cleanup recovering usable product and removing remaining signs of contamination. Cleanup debris was taken to H-Power for disposal.

Report: Received call fom Andy Keith, informed me that a transformer had exploded at their Ward Facility. He currently has several crews cleaning the site, incident is under control.Oil Sheen due to water main break on Nimitiz Hwy.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19960214-1545
Units: Honolulu Power Plant HECO Fuel oil storage tanks
Substances: Fuel Oil #6
Less Or Greater Than: Not reported
Numerical Quantity: 1000
Units: Gallons
Activity Type: Response
Assignment Date: 2/14/1996
Activity Lead: Chris Takeno
Assignment End Date: Not reported
Result: 8

Incident: Oil Sheen on water fronting the Intake for the gererating plant.Received a call regarding Blown Transformer at the Ward facility.While cleaning up a tunnel, the guzzler, which cleans up debris, lost a cap and spilled hydraulic fluid. The hydraulic fluid caused a sheen at Pier 6 Honolulu Harbor.Pressure in the primary fuel oil pump caused the relief valve to open, releasing the fuel oil. No media was impacted. The oil was contained within the concrete lined fuel pipeline trough.50 gallons of turbine oil to the sealed concrete floor. Release

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION (Continued)

1000146691

Initial: first reported to Mike around 11:00a. Line leak (rusted spot) contained leak inside trench. Concrete trench. Incident happened at 2:30. Disabled sump pump. PENCO to assist in taking oil out of trench. Oil sheen fronting the seawater intake to the plant. Oil sheen cause due to large water main break in Nimitz Hwy. Crews began an immediate cleanup recovering usable product and removing remaining signs of contamination. Cleanup debris was taken to H-Power for disposal.

Report: Received call from Andy Keith, informed me that a transformer had exploded at their Ward Facility. He currently has several crews cleaning the site, incident is under control. Oil Sheen due to water main break on Nimitz Hwy.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19970218-1413
Units: Honolulu Generating Station
Substances: Turbine Oil
Less Or Greater Than: Not reported
Numerical Quantity: 50
Units: Gallons
Activity Type: Response
Assignment Date: 2/18/1997
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8

Incident: Oil Sheen on water fronting the Intake for the generating plant. Received a call regarding Blown Transformer at the Ward facility. While cleaning up a tunnel, the guzzler, which cleans up debris, lost a cap and spilled hydraulic fluid. The hydraulic fluid caused a sheen at Pier 6 Honolulu Harbor. Pressure in the primary fuel oil pump caused the relief valve to open, releasing the fuel oil. No media was impacted. The oil was contained within the concrete lined fuel pipeline trough. 50 gallons of turbine oil to the sealed concrete floor. Release first reported to Mike around 11:00a. Line leak (rusted spot) contained leak inside trench. Concrete trench. Incident happened at 2:30.

Initial: Disabled sump pump. PENCO to assist in taking oil out of trench. Oil sheen fronting the seawater intake to the plant. Oil sheen cause due to large water main break in Nimitz Hwy. Crews began an immediate cleanup recovering usable product and removing remaining signs of contamination. Cleanup debris was taken to H-Power for disposal.

Report: Received call from Andy Keith, informed me that a transformer had exploded at their Ward Facility. He currently has several crews cleaning the site, incident is under control. Oil Sheen due to water main break on Nimitz Hwy.

Click this hyperlink while viewing on your computer to access 1 additional HI SPILLS: record(s) in the EDR Site Report.

CORRACTS:

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 03/16/1992
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 221112
221112 - Fossil Fuel Electric Power Generation

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

Database(s) EDR ID Number
EPA ID Number

HAWAIIAN ELECTRIC COMPANY HONOLULU GENERATING STATION (Continued)

1000146691

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 04/30/1990
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 221112
221112 - Fossil Fuel Electric Power Generation

CERC-NFRAP:
Site ID: 0900377
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Name(s):
Contact Name: Eugenia Chow
Contact Tel: (415) 972-3160
Contact Title: Site Assessment Manager (SAM)

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 05/08/1990
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 05/15/1990
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 01/23/1996
Priority Level: Not reported

K60
South
1/8-1/4
1147 ft.

SERVCO PACIFIC, INC RUSTPROOFING CENTER
741B KELIKOI ST
HONOLULU, HI 96813

RCRA-SQG 1000429559
FINDS HID981455884

Site 5 of 5 in cluster K

Relative:
Higher

Actual:
9 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SERVO PACIFIC, INC RUSTPROOFING CENTER (Continued)

1000429559

RCRAInfo:
 Owner: SERVCO PACIFIC, INC
 (415) 555-1212
 EPA ID: HID981455884
 Contact: ENVIRONMENTAL MANAGER
 (808) 537-5554
 Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

N61
NE
1/8-1/4
1169 ft.

PUNA BUG
555 SOUTH ST
HONOLULU, HI 96813

RCRA-SQG 1000141781
HID981654908

Site 3 of 3 in cluster N

Relative:
Higher

RCRAInfo:
 Owner: CHARLES LORENZ
 (415) 555-1212
 EPA ID: HID981654908
 Contact: ENVIRONMENTAL MANAGER
 (808) 533-1818

Actual:
3 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported
 Violation Status: No violations found

62
East
1/8-1/4
1172 ft.

COOKE STREET LEAD CONTAMINATION
501 COOKE ST
HONOLULU, HI 96813

SHWS 1006820105
FINDS 110013780051
INST CONTROL

Relative:
Higher

SHWS:
 File Under: Kamehameha School-Bishop Estate
 Supplement: Not reported
 Restricted Use: This site has restrictions on its use.
 Restricted Use Comm: Prohibit Any Activity That May Disturb the Integrity of the Capping System
 ic Relied On In Remedy: Not reported
 Unit: Cooke Street Lead Contamination
 Fed Id: Not reported
 Funding: ERRF

Actual:
3 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

COOKE STREET LEAD CONTAMINATION (Continued)

EDR ID Number
 EPA ID Number

1006820105

Agreement/program:	State Site
Site/ist Name:	Cooke Street Lead Contamination
Activity Type:	Site Assessment
Assignment Date:	10/13/2003
Activity Lead:	Steve Mow
Assignment End Date:	4/22/2005
End fill:	4/22/2005
Result fill:	No Further Action (NFA) Letter - with Institutional Controls
Overall Status:	SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HI INSTUTIONAL CONTROL:

Restricted Use:	This site has restrictions on its use.
Comments on Restricted Use:	Prohibit Any Activity That May Disturb the Integrity of the Capping System
IC Relied on in Remedy:	Not reported
File Under:	Kamehameha School-Bishop Estate

63
SSE
 1/8-1/4
 1204 ft.

KEWALO INCINERATOR
 111 OHE ST
 HONOLULU, HI 96800

LUST U003154751
N/A

Relative:
Higher

LUST:

Facility ID:	9-102984
Release ID:	940196
Facility Status Date:	1994-12-23 00:00:00
Facility Status:	Case Transferred to HEER
Project Officer:	HEER

Actual:
 7 ft.

064
NE
 1/4-1/2
 1331 ft.

AMELCO BUILDING (SERVICE STATION)
 603 HALEKAUWILA ST
 HONOLULU, HI 96813

FINDS 1006842278
LUST 110014037014

Relative:
Higher

Site 1 of 5 in cluster O

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

Actual:
 3 ft.

LUST:

Facility ID: 9-101356

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

AMELCO BUILDING (SERVICE STATION) (Continued)

1006842278

Release ID: 930106
Facility Status Date: 1997-06-20 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Sadoyama

O65 INTERNATIONAL LIFE SUPPORT
ENE 633 HALEKAUWILA ST
1/4-1/2 HONOLULU, HI 96813
1339 ft.

FINDS 1006843082
LUST 110014046004

Site 2 of 5 in cluster O

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-102759
Release ID: 930109
Facility Status Date: 1997-06-20 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Sadoyama

O66 AMELCO CORPORATION
ENE 645 HALEKAUWILA STREET
1/4-1/2 HONOLULU, HI 96813
1343 ft.

CERC-NFRAP 1003879447
HID984466383

Site 3 of 5 in cluster O

Relative:
Higher

CERC-NFRAP:
Site ID: 0903613
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

Actual:
3 ft.

CERCLIS-NFRAP Site Contact Name(s):

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

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 10/09/1990
Priority Level: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AMELCO CORPORATION (Continued)

1003879447

Action: PRELIMINARY ASSESSMENT-
 Date Started: Not reported
 Date Completed: 11/05/1991
 Priority Level: NFRAP (No Further Remedial Action Planned)

Action: ARCHIVE SITE
 Date Started: Not reported
 Date Completed: 11/05/1991
 Priority Level: Not reported

O67
ENE
 1/4-1/2
 1343 ft.

AMELCO CORPORATION
645 HALEKAUWILA ST
HONOLULU, HI 96813

SHWS 1006820316
FINDS 110013782567

Site 4 of 5 in cluster O

Relative:
 Higher

SHWS:

File Under: AMELCO Corporation
 Supplement: Not reported
 Restricted Use: Not reported
 Restricted Use Comm: Not reported
 ic Relied On in Remedy: Not reported
 Unit: Amelco Corporation
 Fed Id: HID984466383
 Funding: ERRF
 Agreement/program: State Site
 Sitelist Name: Amelco Corporation
 Activity Type: Screening
 Assignment Date: 10/13/2003
 Activity Lead: Steve Mow
 Assignment End Date: 4/25/2005
 End fill: 4/25/2005
 Result fill: Screening Referred to SHWB
 Overall Status: SDAR NFA

Actual:
 3 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

68
East
 1/4-1/2
 1396 ft.

HONOLULU SHIP SUPPLY
834 POHUKAINA ST
HONOLULU, HI 96813

FINDS 1006843728
LUST 110014053004

Relative:
 Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site

Actual:
 3 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.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HONOLULU SHIP SUPPLY (Continued)

1006843728

LUST:

Facility ID: 9-103735
Release ID: 940090
Facility Status Date: 2001-12-27 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Fu

69 PACIFIC OLDSMOBILE
SE 900 ALA MOANA BLVD
1/4-1/2 HONOLULU, HI 96814
1401 ft.

FINDS 1006844159
LUST 110014057910

Relative:
Higher

FINDS:

Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-100929
Release ID: 920004
Facility Status Date: 1994-08-01 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Sadoyama

70 ELECTRICAL & MAINTENANCE SERV. D
SE 160 KOULA ST
1/4-1/2 HONOLULU, HI 96813
1423 ft.

LUST U003154621
UST N/A

Relative:
Higher

LUST:

Facility ID: 9-102755
Release ID: 940017
Facility Status Date: 1997-06-05 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Ruiz

Actual:
3 ft.

UST:

Facility ID: 9-102755
Owner: C&C HNL
Owner Address: 530 S KING ST RM 115
Owner City, St, Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: 1/1/1950
Tank Status: Permanently Out of Use
Date Closed: 8/6/1993
Tank Capacity: 500
Substance: Gasoline
Pipe Material: Bare Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

O71 **MOTOR IMPORTS SERVICE DEPARTMENT**
NE **609 SOUTH STREET**
1/4-1/2 **HONOLULU, HI 96813**
1464 ft.

RCRA-SQG **1000340499**
FINDS **HID981654262**
LUST
UST

Site 5 of 5 In cluster O

Relative:
Higher

RCRAInfo:

Owner: **SERVCO PACIFIC INC**
 (415) 555-1212

EPA ID: **HID981654262**

Contact: **GEORGE ENDO**
 (808) 521-6511

Classification: **Conditionally Exempt Small Quantity Generator**

TSDF Activities: **Not reported**

Violation Status: **No violations found**

Actual:
6 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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.

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LUST:

Facility ID: **9-100879**
 Release ID: **970114**
 Facility Status Date: **2005-10-20 00:00:00**
 Facility Status: **Site Cleanup Completed**
 Project Officer: **Takaba**

UST:

Facility ID: **9-100879**
 Owner: **SERVCO PACIFIC, INC.**
 Owner Address: **P.O. BOX 2788**
 Owner City, St, Zip: **Honolulu, 96813 96813**
 Tank ID: **R-1**
 Installed: **5/6/1971**
 Tank Status: **Permanently Out of Use**
 Date Closed: **7/9/1997**
 Tank Capacity: **500**
 Substance: **Used Oil**
 Pipe Material: **Galvanized Steel**
 Pipe Other Material: **Not reported**
 Pipe 2nd Construction: **None**

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

KAKAAKO FIRE DEPARTMENT MECHANIC SHOP (Continued)

1006843318

LUST:

Facility ID: 9-100074
 Release ID: 990209
 Facility Status Date: 1999-08-05 00:00:00
 Facility Status: LUST Cleanup Initiated: Petroleum
 Project Officer: Li

75
ENE
 1/4-1/2
 1682 ft.

HAWAII COMMUNITY DEVELOPMENT AUTHORITY
548 COOKE ST
HONOLULU, HI 96813

FINDS 1006842518
LUST 110014039600

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-102418
 Release ID: 910060
 Facility Status Date: 1999-08-24 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Takaba

76
SSE
 1/4-1/2
 1723 ft.

C&C WASTE WATER DIVISION MAINTENANCE YARD
98 KOULA ST
HONOLULU, HI 96813

SHWS 1006820134
FINDS 110013780382

Relative:
Higher

SHWS:
 File Under: City and County of Honolulu, Department of Environmental Services, Wastewater Treatment and Disposal
 Supplement: Not reported
 Restricted Use: Not reported
 Restricted Use Comm: Not reported
 ic Relied On in Remedy: Not reported
 Unit: City & County Wastewater Collection System Maintenance Yard
 Fed Id: Not reported
 Funding: Not reported
 Agreement/program: State Site
 Sitelist Name: City & County Wastewater Collection System Maintenance Yard
 Activity Type: ISST
 Assignment Date: 7/8/2001
 Activity Lead: Unknown
 Assignment End Date: 7/9/2001
 End fill: 7/9/2001
 Result fill: ISST Ranked NFA
 Overall Status: SDAR NFA

Actual:
3 ft.

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

C&C WASTE WATER DIVISION MAINTENANCE YARD (Continued)

1006820134

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

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.

77
 SE
 1/4-1/2
 1775 ft.

KAKAAKO BROWNFIELD PROJECT-UNIT 3
160 AHUI ST
HONOLULU, HI 96814

SHWS S105887713
SPILLS N/A
BROWNFIELDS

Relative:
Higher

Actual:
3 ft.

SHWS:

File Under:	State of Hawaii, Hawaii Community Development Authority
Supplement:	Bounded by Ilalo, Ahui, Oiemehani & Koula Streets
Restricted Use:	Not reported
Restricted Use Comm:	Not reported
ic Relied On In Remedy:	Not reported
Unit:	Kakaako Brownfield Project-Unit 3
Fed Id:	Not reported
Funding:	Not reported
Agreement/program:	Brownfields
Site/ist Name:	Kakaako Brownfield Project-Unit 3
Activity Type:	Assessment Recommended
Assignment Date:	11/30/2004
Activity Lead:	Davis Bernstein
Assignment End Date:	Not reported
End fill:	7/24/2006
Result fill:	Ongoing
Overall Status:	Ongoing

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Bounded by Ilalo, Ahui, Oiemehani & Koula Streets
Case Number:	20001121-1100
Units:	Kewalo Demolition
Substances:	Not reported
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Assignment Date:	11/21/2000
Activity Lead:	Mike Cripps
Assignment End Date:	Not reported
Result:	8
Incident:	Oily water discovered during demolition of buildings on Ilalo St. in concrete vault, possibly hydro-carbon. TMK 2-6-60 Parcel #5.
Initial:	Not reported
Report:	Not reported

HI BROWNFIELDS:

Federal ID: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

KAKAAKO BROWNFIELD PROJECT-UNIT 3 (Continued)

S105887713

Location Address Line 2: Not reported
Supplemental Location Text: Bounded by Ilalo, Ahui, Olemehani & Koula Streets
Restricted Use: Not reported
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported
Unit: Kakaako Brownfield Project-Unit 3
Activity Type: Assessment Recommended
Activity Lead: Davis Bernstein
Assignment Date: 2004-11-30 00:00:00
Assignment End Date: Not reported
Result: 8
Agreement/Program: Brownfields
Overall Status: Ongoing
File Under: State of Hawaii, Hawaii Community Development Authority
Funding: Not reported
Site List Name: Kakaako Brownfield Project-Unit 3
End Fill: 2006-07-24 00:00:00

78
East
1/4-1/2
1784 ft.

HAWAII INSTRUMENTATION & CONTROLS, INC
822 HALEKAUWILA ST
HONOLULU, HI

SHWS S106817350
SPILLS N/A

Relative:
Higher

SHWS:

File Under: Hawaii Instrumentation & Controls Inc.
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
ic Relied On In Remedy: Not reported
Unit: Hawaii Instrumentation & Controls, Inc
Fed Id: Not reported
Funding: Not reported
Agreement/program: State Site
SiteList Name: Hawaii Instrumentation & Controls, Inc
Activity Type: ISST
Assignment Date: 2/5/1997
Activity Lead: Unknown
Assignment End Date: 2/7/1997
End fill: 2/7/1997
Result fill: ISST Ranked NFA
Overall Status: SDAR NFA

Actual:
3 ft.

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19910620-3
Units: HAWAII INSTRUMENTATION & CONTROLS, INC., HALEKAUWILA ST. 822
Substances: UNKNOWN CHEMICAL
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8
Incident: Rcvd notification from Irene of HCDA stating a lingering foul odor has engulfed

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

HAWAII INSTRUMENTATION & CONTROLS, INC (Continued)

S106817350

the building for a long period and has not been identified or a source found.
DOH/HEER to investigate as last resort. Time reported 0.65.SOMEONE DUMPED
CHEMICALS OVER FENCE.

Initial: UNABLE TO EXTRACT A CONFESSION FROM ANY OF THE BUSINESSES ON THE OTHER SIDE OF
THE FENCE. NOTHING DONE, NO CLEANUP.

Report: Not reported

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19941216-4
Units: HCDA Site/Hawaii Instrumentaion & Controls Inc.
Substances: unknown odor
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Odor
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: 8

Incident: Rcvd notification from Irene of HCDA stating a lingering foul odor has engulfed
the building for a long period and has not been identified or a source found.
DOH/HEER to investigate as last resort. Time reported 0.65.SOMEONE DUMPED
CHEMICALS OVER FENCE.

Initial: UNABLE TO EXTRACT A CONFESSION FROM ANY OF THE BUSINESSES ON THE OTHER SIDE OF
THE FENCE. NOTHING DONE, NO CLEANUP.

Report: Not reported

Q79
ENE
1/4-1/2
1842 ft.

QUEEN EMMALANI TOWER
600 QUEEN ST
HONOLULU, HI 96813

Site 1 of 2 in cluster Q

RCRA-SQG 1000688441
SHWS HID982442394
FINDS
SPILLS
CERC-NFRAP

Relative:
Higher

RCRAInfo:

Actual:
7 ft.

Owner: MOTOI KOSAN USA INC
(415) 555-1212
EPA ID: HID982442394
Contact: ENVIRONMENTAL MANAGER
(808) 949-0065

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

SHWS:

File Under: Queen Emmalani Tower
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
ic Relied On In Remedy: Not reported
Unit: Queen Emmalani Tower
Fed Id: HID984466698
Funding: ERRF
Agreement/program: State Site
Sitelist Name: Queen Emmalani Tower
Activity Type: Remedial

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

QUEEN EMMALANI TOWER (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000688441

Assignment Date: 1/10/2005
Activity Lead: Mark Sutterfield
Assignment End Date: Not reported
End fill: 7/24/2006
Result fill: Ongoing
Overall Status: Ongoing

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

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.

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20060112-0950
Units: 600 Queen Street Lead Contamination
Substances: Lead
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Unknown
Activity Type: Response
Assignment Date: 1/12/2006
Activity Lead: Liz Galvez
Assignment End Date: 1/12/2006
Result: 8
Incident: Lead contamination reported; site characterization and remediation using institutional controls being conducted (EnvironServices working with Mark Sutterfield)Complaints of odors from soil at the development.
Initial: None; Reporting done after site characterization and removal. Site is bieng overseen by Mark Sutterfield. Awaiting for written notificationInvestigation and remediation.
Report: Not reported

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19910807-2
Units: Queen Emmalani Tower Development
Substances: petroleum
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

QUEEN EMMALANI TOWER (Continued)

1000688441

Assignment Date: Not reported
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8
Incident: Lead contamination reported; site characterization and remediation using institutional controls being conducted (EnvironServices working with Mark Sutterfield)Complaints of odors from soil at the development.
Initial: None; Reporting done after site characterization and removal. Site is bieng overseen by Mark Sutterfield. Awaiting for written notificationInvestigation and remediation.
Report: Not reported

CERC-NFRAP:

Site ID: 0903920
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):

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

Contact Name: Matt Mitguard
Contact Tel: (415) 972-3096
Contact Title: Site Assessment Manager (SAM)

CERCLIS-NFRAP Site Alias Name(s):

Alias Name: QUEEN EMMALANI TOWER
Alias Address: QUEEN & SOUTH STREET
HONOLULU, OAHU, HI 85546
Site Description: Not reported

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/04/1991
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 10/11/1994
Priority Level: NFRAP (No Futher Remedial Action Planned)

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 10/11/1994
Priority Level: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

Q80 **AAA HAWAII BUILDING**
NE **590 QUEEN ST**
1/4-1/2 **HONOLULU, HI 96813**
1842 ft.

FINDS **1006841729**
LUST **110014030823**

Site 2 of 2 in cluster Q

Relative:
Higher

FINDS:
 Other Pertinent Environmental Activity Identified at Site

Actual:
7 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: 9-100155
 Release ID: 980195
 Facility Status Date: 2001-11-08 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Sutterfield

R81 **K & Y CHEVRON 91524**
NE **571 S QUEEN ST**
1/4-1/2 **HONOLULU, HI 96813**
1847 ft.

LUST **U001235370**
UST **N/A**

Site 1 of 2 in cluster R

Relative:
Higher

LUST:
 Facility ID: 9-101107
 Release ID: 020041
 Facility Status Date: 2003-07-09 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Takaba

Actual:
7 ft.

UST:
 Facility ID: 9-101107
 Owner: CHEVRON PRODUCTS COMPANY
 Owner Address: 91-480 MALAKOLE ST.
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-2
 Installed: 7/18/1982
 Tank Status: **Permanently Out of Use**
 Date Closed: 8/26/2002
 Tank Capacity: 10000
 Substance: Gasoline
 Pipe Material: Fiberglass Reinforced Plastic
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-101107
 Owner: CHEVRON PRODUCTS COMPANY
 Owner Address: 91-480 MALAKOLE ST.
 Owner City,St,Zip: Honolulu, 96813 96813
 Tank ID: R-1
 Installed: 7/18/1982
 Tank Status: **Permanently Out of Use**
 Date Closed: 8/26/2002
 Tank Capacity: 10000

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

K & Y CHEVRON 91524 (Continued)

U001235370

Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-101107
Owner: CHEVRON PRODUCTS COMPANY
Owner Address: 91-480 MALAKOLE ST.
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-4
Installed: 7/18/1982
Tank Status: **Permanently Out of Use**
Date Closed: 8/26/2002
Tank Capacity: 1000
Substance: Used Oil
Pipe Material: No Piping
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-101107
Owner: CHEVRON PRODUCTS COMPANY
Owner Address: 91-480 MALAKOLE ST.
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 7/18/1982
Tank Status: **Permanently Out of Use**
Date Closed: 8/26/2002
Tank Capacity: 10000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: None

R82 KAKAAKO FIRE STATION
NE 555 QUEEN ST
1/4-1/2 HONOLULU, HI 96813
1850 ft.

FINDS 1006843321
LUST 110014048672

Site 2 of 2 in cluster R

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
8 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: 9-100075
Release ID: 940155
Facility Status Date: 1999-05-17 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Maniulit

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

S83
ENE
1/4-1/2
1867 ft.

GENSIRO KAWAMOTO
627 QUEEN ST
HONOLULU, HI 96813

FINDS 1006841787
LUST 110014031458

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
5 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: 9-102963
Release ID: 940174
Facility Status Date: 2005-08-30 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Takaba

S84
ENE
1/4-1/2
1920 ft.

POHULANI ELDERLY PROJECT
677 QUEEN ST
HONOLULU, HI 96813

FINDS 1006842332
LUST 110014037595

Relative:
Higher

Site 1 of 2 in cluster S
FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-101396
Release ID: 910006
Facility Status Date: 1999-08-24 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Sadoyama

S85
ENE
1/4-1/2
1924 ft.

FINOVA HAWAIIAN HOLDINGS, LLC DBA LEX BRODIE TIRE
701 S QUEEN ST
HONOLULU, HI 96813

LUST U001235766
UST N/A

Relative:
Higher

Site 2 of 2 in cluster S
LUST:
Facility ID: 9-102200
Release ID: 910036
Facility Status Date: 2003-02-10 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Ruiz

Actual:
3 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FINOVA HAWAIIAN HOLDINGS, LLC DBA LEX BRODIE TIRE (Continued)

U001235766

UST:

Facility ID: 9-102200
Owner: FINOVA HAWAIIAN HOLDINGS LLC
Owner Address: 4800 N SCOTTSDALE ROAD, MS3W90
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-2
Installed: 3/6/1964
Tank Status: **Permanently Out of Use**
Date Closed: 2/5/1991
Tank Capacity: 5000
Substance: Gasoline
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102200
Owner: FINOVA HAWAIIAN HOLDINGS LLC
Owner Address: 4800 N SCOTTSDALE ROAD, MS3W90
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: 92
Installed: 3/1/1991
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 5000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: Double-Walled

Facility ID: 9-102200
Owner: FINOVA HAWAIIAN HOLDINGS LLC
Owner Address: 4800 N SCOTTSDALE ROAD, MS3W90
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 3/6/1968
Tank Status: **Permanently Out of Use**
Date Closed: 2/5/1991
Tank Capacity: 10000
Substance: Gasoline
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-102200
Owner: FINOVA HAWAIIAN HOLDINGS LLC
Owner Address: 4800 N SCOTTSDALE ROAD, MS3W90
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: 87
Installed: 3/1/1991
Tank Status: **Currently In Use**
Date Closed: Not reported
Tank Capacity: 15000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: Double-Walled

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

FINOVA HAWAIIAN HOLDINGS, LLC DBA LEX BRODIE TIRE (Continued)

U001235766

Facility ID: 9-102200
 Owner: FINOVA HAWAIIAN HOLDINGS LLC
 Owner Address: 4800 N SCOTTSDALE ROAD, MS3W90
 Owner City, St, Zip: Honolulu, 96813 96813
 Tank ID: R-1
 Installed: 3/6/1964
 Tank Status: **Permanently Out of Use**
 Date Closed: 2/5/1991
 Tank Capacity: 5000
 Substance: Gasoline
 Pipe Material: Bare Steel
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

**T86
 SE
 1/4-1/2
 1963 ft.**

**KAKAAKO BROWNFIELD PROJECT - UNIT 6
 1011 ALA MOANA BLVD
 HONOLULU, HI 96814**

**SHWS S108008545
 N/A**

Site 1 of 4 in cluster T

**Relative:
 Higher**

SHWS:

**Actual:
 3 ft.**

File Under: State of Hawaii, Hawaii Community Development Authority
 Supplement: Ahui St & Ward Ave
 Restricted Use: This site is under evaluation for use restriction.
 Restricted Use Comm: Not reported
 IC Relled On In Remedy: Not reported
 Unit: Kakaako Brownfield Project-Unit 6
 Fed Id: Not reported
 Funding: Not reported
 Agreement/program: Brownfields
 Sitelist Name: Kakaako Brownfield Project-Unit 6
 Activity Type: Phase III Recommended
 Assignment Date: 4/13/2005
 Activity Lead: Melody Calisay
 Assignment End Date: Not reported
 End fill: 7/24/2006
 Result fill: Ongoing
 Overall Status: Ongoing

File Under: State of Hawaii, Hawaii Community Development Authority
 Supplement: Ahui St & Ward Ave
 Restricted Use: This site is under evaluation for use restriction.
 Restricted Use Comm: Not reported
 IC Relled On In Remedy: Not reported
 Unit: Kakaako Brownfield Project-Unit 6
 Fed Id: Not reported
 Funding: Not reported
 Agreement/program: State Site
 Sitelist Name: Kakaako Brownfield Project-Unit 6
 Activity Type: Phase III Recommended
 Assignment Date: 5/4/2006
 Activity Lead: Melody Callsay
 Assignment End Date: Not reported
 End fill: 7/24/2006
 Result fill: Ongoing
 Overall Status: Ongoing

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EPA ID Number
 EDR ID Number

T87 **KAKAAKO BROWNFIELD PROJECT - UNIT 6**
SE **1011 ALA MOANA BLVD**
1/4-1/2 **HONOLULU, HI 96814**
1963 ft.

INST CONTROL **S108008432**
 N/A

Site 2 of 4 in cluster T

Relative:
 Higher

HI INSTUTIONAL CONTROL:

Restricted Use: This site is under evaluation for use restriction.

Actual:
 3 ft.

Comments on Restricted Use: Not reported

IC Relied on in Remedy: Not reported

File Under: State of Hawaii, Hawaii Community Development Authority

Restricted Use: This site is under evaluation for use restriction.

Comments on Restricted Use: Not reported

IC Relied on in Remedy: Not reported

File Under: State of Hawaii, Hawaii Community Development Authority

U88 **GRG ENTERPRISE INC. BASIN MARINE**
SSE **115 AHUI ST**
1/4-1/2 **HONOLULU, HI 96813**
1970 ft.

LUST **U001235099**
UST **N/A**

Site 1 of 4 in cluster U

Relative:
 Higher

LUST:

Facility ID: 9-100212

Release ID: 990034

Actual:
 3 ft.

Facility Status Date: 2003-08-04 00:00:00

Facility Status: Site Cleanup Completed

Project Officer: Takaba

UST:

Facility ID: 9-100212

Owner: GRG ENTERPRISE INC. BASIN MARINE

Owner Address: 115 AHUI ST

Ownder City,St,Zip: Honolulu, 96813 96813

Tank ID: R-4

Installed: 2/27/1959

Tank Status: **Permanently Out of Use**

Date Closed: 10/22/1998

Tank Capacity: 6000

Substance: Diesel

Pipe Material: Galvanized Steel

Pipe Other Material: Not reported

Pipe 2nd Construction: Cathodically Protected

Facility ID: 9-100212

Owner: GRG ENTERPRISE INC. BASIN MARINE

Owner Address: 115 AHUI ST

Ownder City,St,Zip: Honolulu, 96813 96813

Tank ID: R-1

Installed: 2/27/1979

Tank Status: **Permanently Out of Use**

Date Closed: 10/22/1998

Tank Capacity: 1000

Substance: Gasoline

Pipe Material: Galvanized Steel

Pipe Other Material: Not reported

Pipe 2nd Construction: Cathodically Protected

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

GRG ENTERPRISE INC. BASIN MARINE (Continued)

U001235099

Facility ID: 9-100212
Owner: GRG ENTERPRISE INC. BASIN MARINE
Owner Address: 115 AHUI ST
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-2
Installed: 2/27/1979
Tank Status: **Permanently Out of Use**
Date Closed: 10/22/1998
Tank Capacity: 1000
Substance: Gasoline
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: Cathodically Protected

Facility ID: 9-100212
Owner: GRG ENTERPRISE INC. BASIN MARINE
Owner Address: 115 AHUI ST
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-3
Installed: 2/27/1959
Tank Status: **Permanently Out of Use**
Date Closed: 10/22/1998
Tank Capacity: 6000
Substance: Diesel
Pipe Material: Galvanized Steel
Pipe Other Material: Not reported
Pipe 2nd Construction: Cathodically Protected

T89
SE
1/4-1/2
1970 ft.

WRAF - HAWAIIAN TUNA PACKERS
1011 ALA MOANA BLVD
HONOLULU, HI 96814

FINDS 1006844096
LUST 110014057233

Site 3 of 4 in cluster T

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-102690
Release ID: 990187
Facility Status Date: 1999-08-17 00:00:00
Facility Status: Case Transferred to HEER
Project Officer: HEER

Facility ID: 9-102690
Release ID: 920179
Facility Status Date: 2001-04-17 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Ung

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

KAKAAKO BROWNFIELD PROJECT-UNIT 6 (Continued)

1006820761

Initial: PACKERS.SLIP = LADING DOCK BY TUNA PACKERS RECIEVED TWO COMPLAINTS TODAY.
Site visit conducted by L. Galvez, S. Okoji, J. Fujimoto, L. Young.RELEASE WAS
STOPPED, AMMONIA DISPERSEDMSO INVESTIGATIONS O/S, NO POLLUTION FOUND.
Report: 5/18/99 approximately 1400 hours: Site visit was conducted by L. Galvez, S.
Okoji, J. Fujimoto, and Laura Young. Met with Chris Jarrett with TM Designs
who showed us the location of the trench where a 72 Inch drain line is planned
to be installed.Ice Technology emptied ammonia cooling system in February 1998
and transferred material to Unico.Four

HI BROWNFIELDS:

Federal ID: Not reported
Location Address Line 2: Not reported
Supplemental Location Text: Ahui St & Ward Ave
Restricted Use: This site is under evaluation for use restriction.
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported
Unit: Kakaako Brownfield Project-Unit 6
Activity Type: Phase III Recommended
Activity Lead: Melody Callsay
Assignment Date: 2005-04-13 00:00:00
Assignment End Date: Not reported
Result: 8
Agreement/Program: Brownfields
Overall Status: Ongoing
File Under: State of Hawaii, Hawaii Community Development Authority
Funding: Not reported
Site List Name: Kakaako Brownfield Project-Unit 6
End Fill: 2006-07-24 00:00:00

U91
SSE
1/4-1/2
2020 ft.

KAKAAKO BROWNFIELD PROJECT - UNIT 8
59 AHUI ST
HONOLULU, HI 96814

SHWS S108008547
N/A

Site 2 of 4 in cluster U

Relative:
Higher

SHWS:

Actual:
3 ft.

File Under: State of Hawaii, Hawaii Community Development Authority
Supplement: Not reported
Restricted Use: This site is under evaluation for use restriction.
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Kakaako Brownfield Project-Unit 8
Fed Id: Not reported
Funding: Not reported
Agreement/program: Brownfields
Sitelist Name: Kakaako Brownfield Project-Unit 8
Activity Type: Phase III Recommended
Assignment Date: 7/16/2004
Activity Lead: Melody Callsay
Assignment End Date: Not reported
End fill: 7/24/2006
Result fill: Ongoing
Overall Status: Ongoing

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

U92 **KAKAAKO BROWNFIELD PROJECT - UNIT 8** **INST CONTROL** **S108008434**
SSE **59 AHUI ST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**

Site 3 of 4 in cluster U

Relative: **HI INSTUTIONAL CONTROL:**
Higher **Restricted Use:** This site is under evaluation for use restriction.
Actual: **Comments on Restricted Use:** Not reported
3 ft. **IC Relied on in Remedy:** Not reported
 File Under: State of Hawaii, Hawaii Community Development Authority

U93 **KAKAAKO BROWNFIELD PROJECT - UNIT 8** **BROWNFIELDS** **S106708611**
SSE **59 AHUI ST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**

Site 4 of 4 in cluster U

Relative: **HI BROWNFIELDS:**
Higher **Federal ID:** Not reported
Actual: **Location Address Line 2:** Not reported
3 ft. **Supplemental Location Text:** Not reported
 Restricted Use: This site is under evaluation for use restriction.
 Comments on Restricted Use: Not reported
 IC Relied on in Remedy: Not reported
 Unit: Kakaako Brownfield Project-Unit 8
 Activity Type: Phase III Recommended
 Activity Lead: Melody Calisay
 Assignment Date: 2004-07-16 00:00:00
 Assignment End Date: Not reported
 Result: 8
 Agreement/Program: Brownfields
 Overall Status: Ongoing
 File Under: State of Hawaii, Hawaii Community Development Authority
 Funding: Not reported
 Site List Name: Kakaako Brownfield Project-Unit 8
 End Fill: 2006-07-24 00:00:00

94 **GEM DEPARTMENT** **FINDS** **1006841695**
ESE **333 WARD AVE** **LUST** **110014030440**
1/4-1/2 **HONOLULU, HI 96814**

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

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

LUST:
Facility ID: 9-101065
Release ID: 930118
Facility Status Date: 1996-11-04 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Brewer

MAP FINDINGS

Map ID			
Direction			
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	EDR ID Number EPA ID Number

95 North 1/4-1/2 2170 ft.	HARBOR SQUARE ASSOCIATION 700 RICHARDS ST HONOLULU, HI 96813	FINDS LUST	1006844260 110014059044
---	---	-----------------------------	--

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

Actual: **5 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: 9-103509
 Release ID: 000055
 Facility Status Date: 2001-03-12 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Ruiz

96 NNE 1/4-1/2 2216 ft.	MELIM BLDG 333 QUEEN ST HONOLULU, HI 96813	FINDS LUST	1006842928 110014044220
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Relative: **HIGHER** FINDS: Other Pertinent Environmental Activity Identified at Site

Actual: **10 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: 9-100812
 Release ID: 910037
 Facility Status Date: 1993-03-06 00:00:00
 Facility Status: LUST Cleanup Initiated: Petroleum
 Project Officer: Park

97 ENE 1/4-1/2 2243 ft.	SZYMANSKI PROPERTIES LLC 757 KAWAIAHAO ST HONOLULU, HI 96813	FINDS LUST RCRA-LQG	1000252025 HID981686744
---	---	--	--

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

Actual: **3 ft.** 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.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

Database(s) EDR ID Number
 EPA ID Number

SZYMANSKI PROPERTIES LLC (Continued)

1000252025

LUST:

Facility ID: 9-103765
 Release ID: 030043
 Facility Status Date: 2004-01-05 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Ruiz

RCRAInfo:

Owner: CHARLES WONG
 (415) 555-1212
 EPA ID: HID981686744
 Contact: ENVIRONMENTAL MANAGER
 Classification: Large Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

98
ESE
 1/4-1/2
 2293 ft.

TESORO GAS EXPRESS #11
940 AUAHI ST
HONOLULU, HI 96814

LUST U003402812
UST N/A

Relative:
Higher

LUST:

Facility ID: 9-100916
 Release ID: 910016
 Facility Status Date: 2005-04-27 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Li

Actual:
3 ft.

UST:

Facility ID: 9-100916
 Owner: TESORO HAWAII CORPORATION
 Owner Address: 1311 Palama St
 Owner City, St, Zip: Honolulu, 96814 96814
 Tank ID: R-1
 Installed: 2/1/1994
 Tank Status: **Permanently Out of Use**
 Date Closed: 9/20/2004
 Tank Capacity: 10000
 Substance: Diesel
 Pipe Material: Fiberglass Reinforced Plastic
 Pipe Other Material: Not reported
 Pipe 2nd Construction: Double-Walled

Facility ID: 9-100916
 Owner: TESORO HAWAII CORPORATION
 Owner Address: 1311 Palama St
 Owner City, St, Zip: Honolulu, 96814 96814
 Tank ID: R-1
 Installed: 5/1/1982
 Tank Status: **Permanently Out of Use**
 Date Closed: 9/17/1994
 Tank Capacity: 10000
 Substance: Gasoline
 Pipe Material: Fiberglass Reinforced Plastic
 Pipe Other Material: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

TESORO GAS EXPRESS #11 (Continued)

U003402812

Pipe 2nd Construction: None

Facility ID: 9-100916
Owner: TESORO HAWAII CORPORATION
Owner Address: 1311 Palama St
Owner City,St,Zip: Honolulu, 96814 96814
Tank ID: R-92
Installed: 2/1/1994
Tank Status: **Permanently Out of Use**
Date Closed: 9/20/2004
Tank Capacity: 10000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: Double-Walled

Facility ID: 9-100916
Owner: TESORO HAWAII CORPORATION
Owner Address: 1311 Palama St
Owner City,St,Zip: Honolulu, 96814 96814
Tank ID: R-2
Installed: 5/6/1985
Tank Status: **Permanently Out of Use**
Date Closed: 1/31/1994
Tank Capacity: 10000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-100916
Owner: TESORO HAWAII CORPORATION
Owner Address: 1311 Palama St
Owner City,St,Zip: Honolulu, 96814 96814
Tank ID: R-4
Installed: 5/6/1977
Tank Status: **Permanently Out of Use**
Date Closed: 1/31/1994
Tank Capacity: 10000
Substance: Diesel
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Facility ID: 9-100916
Owner: TESORO HAWAII CORPORATION
Owner Address: 1311 Palama St
Owner City,St,Zip: Honolulu, 96814 96814
Tank ID: R-3
Installed: 2/1/1985
Tank Status: **Permanently Out of Use**
Date Closed: 9/5/1991
Tank Capacity: 10000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: None

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

TESORO GAS EXPRESS #11 (Continued)

U003402812

Facility ID: 9-100916
Owner: TESORO HAWAII CORPORATION
Owner Address: 1311 Palama St
Ownder City,St,Zip: Honolulu, 96814 96814
Tank ID: R-87
Installed: 2/1/1994
Tank Status: **Permanently Out of Use**
Date Closed: 9/20/2004
Tank Capacity: 10000
Substance: Gasoline
Pipe Material: Fiberglass Reinforced Plastic
Pipe Other Material: Not reported
Pipe 2nd Construction: Double-Walled

99
East
1/4-1/2
2402 ft.

H. HAMADA STORE INC.
885 QUEEN ST
HONOLULU, HI 96813

FINDS 1006842787
LUST 110014042650

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
3 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: 9-101673
Release ID: 970045
Facility Status Date: 2001-01-04 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Li

V100
East
1/4-1/2
2436 ft.

AMERICAN LINEN WAREHOUSE
837 KAWAIAHAO ST
HONOLULU, HI

SHWS S106816215
SPILLS N/A

Relative:
Higher

Site 1 of 2 in cluster V

SHWS:

File Under: American Linen
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relled On In Remedy: Not reported
Unit: 837 Kawalahao Street
Fed Id: Not reported
Funding: ERRF
Agreement/program: State Site
Sitelist Name: 837 Kawalahao Street
Activity Type: Unregulated UST
Assignment Date: 10/26/2004
Activity Lead: Mark Sutterfield
Assignment End Date: 3/24/2005

Actual:
3 ft.

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number
EDR ID Number

AMERICAN LINEN WAREHOUSE (Continued)

S106816215

End fill: 3/24/2005
Result fill: No Further Action (NFA) for Unreg UST - Letter - Cleanup Goals Achieved
Overall Status: SDAR NFA

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19970312-0000
Units: Kawaiahao Street Leaking Heating Oil Tank
Substances: Fuel Oil #5, Fuel Oil #6, Bunker C
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 3/12/1997
Activity Lead: Bill Perry
Assignment End Date: 10/28/2002
Result: 8
Incident: Kawaiahao Street Leaking Heating Oil Tank
Initial: Tank removal, sampling and backfilling.
Report: Not reported

V101 HAWAIIAN SECURITIES & REALTY, LTD
East 819, 835 AND 841 KAWAIAHAO ST
1/4-1/2 HONOLULU, HI 96813
2436 ft.

LUST U003402840
UST N/A

Site 2 of 2 in cluster V

Relative:
Higher

LUST:
Facility ID: 9-103418
Release ID: 980216
Facility Status Date: 1999-08-27 00:00:00
Facility Status: Site Cleanup Completed
Project Officer: Maniult

Actual:
3 ft.

UST:
Facility ID: 9-103418
Owner: HAWAIIAN SECURITIES & REALTY, LTD
Owner Address: 1132 BISHOP ST, SUITE 1412
Owner City,St,Zip: Honolulu, 96813 96813
Tank ID: R-1
Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 7/29/1998
Tank Capacity: 260
Substance: Gasoline
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

102 **420 WARD AVE**
East **420 WARD AVE/901 ILANIWAI ST**
1/4-1/2 **HONOLULU, HI 96814**
2457 ft.

LUST **U003732581**
SPILLS **N/A**
UST

Relative:
Higher

LUST:
 Facility ID: 9-103631
 Release ID: 000075
 Facility Status Date: 2001-06-13 00:00:00
 Facility Status: Site Cleanup Completed
 Project Officer: Ruiz

Actual:
3 ft.

HI SPILLS:

Island: Oahu
 Supplemental Loc. Text: Not reported
 Case Number: 20000504-1347
 Units: UST discovered Ward Ave.
 Substances: Not reported
 Less Or Greater Than: Not reported
 Numerical Quantity: Not reported
 Units: Not reported
 Activity Type: Response
 Assignment Date: 5/4/2000
 Activity Lead: Bill Perry
 Assignment End Date: Not reported
 Result: 8
 Incident: Ken Beal reported 3 tanks at Ward Ave. Possible used for solvents high, Btex levels. Written report to follow.
 Initial: Not reported
 Report: Not reported

UST:

Facility ID: 9-103631
 Owner: VICTORIA WARD LTD
 Owner Address: 1210 AUAHI ST / SUITE 115
 Owner City,St,Zip: Honolulu, 96814 96814
 Tank ID: R-3
 Installed: Not reported
 Tank Status: **Permanently Out of Use**
 Date Closed: 4/7/2000
 Tank Capacity: 250
 Substance: Other
 Pipe Material: Not Listed
 Pipe Other Material: Not reported
 Pipe 2nd Construction: None

Facility ID: 9-103631
 Owner: VICTORIA WARD LTD
 Owner Address: 1210 AUAHI ST / SUITE 115
 Owner City,St,Zip: Honolulu, 96814 96814
 Tank ID: R-2
 Installed: Not reported
 Tank Status: **Permanently Out of Use**
 Date Closed: 4/7/2000
 Tank Capacity: 250
 Substance: Other
 Pipe Material: Not Listed
 Pipe Other Material: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

420 WARD AVE (Continued)

U003732581

Pipe 2nd Construction: None

Facility ID: 9-103631
Owner: VICTORIA WARD LTD
Owner Address: 1210 AUAHI ST / SUITE 115
Owner City, St, Zip: Honolulu, 96814 96814
Tank ID: R-1
Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 4/7/2000
Tank Capacity: 250
Substance: Other
Pipe Material: Not Listed
Pipe Other Material: Not reported
Pipe 2nd Construction: None

103
ENE
1/2-1
2806 ft.

HD&C, 725 KAPIOLANI BOULEVARD
725 KAPIOLANI BLVD
HONOLULU, HI

SHWS S106817426
SPILLS N/A

Relative:
Higher

SHWS:

Actual:
3 ft.

File Under: Hawaiian Dredging & Construction Company
Supplement: The Imperial Plaza Cooke St & Kapiolani St
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On in Remedy: Not reported
Unit: 725 Kapiolani Boulevard
Fed Id: Not reported
Funding: Not reported
Agreement/program: State Site
Sitelist Name: 725 Kapiolani Boulevard
Activity Type: Screening
Assignment Date: 5/20/2004
Activity Lead: Eric Sadoyama
Assignment End Date: 5/21/2004
End fill: 5/21/2004
Result fill: Screening No Further Action (NFA) by SOSC
Overall Status: SDAR NFA

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: The Imperial Plaza Cooke St & Kapiolani St
Case Number: 19900417-2
Units: HD&C, 725 Kapiolani Boulevard
Substances: OIL, DIESEL
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Curtis Martin
Assignment End Date: Not reported
Result: 8
Incident: OIL DISCOVERED WHILE DRILLING HOLES FOR PILINGS.
Initial: Not reported
Report: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

104
ENE
1/2-1
2852 ft.

MOTOR IMPORTS
650 KAPIOLANI BLVD
HONOLULU, HI 96813

SHWS 1006818926
FINDS 110013766825

Relative:
Higher

SHWS:

File Under: Servco Pacific, Inc.
 Supplement: Not reported
 Restricted Use: This site has restrictions on its use.
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: Motor Imports
 Fed Id: Not reported
 Funding: ERRF
 Agreement/program: State Site
 Sitelist Name: Motor Imports
 Activity Type: Removal
 Assignment Date: 10/8/1999
 Activity Lead: Mark Sutterfield
 Assignment End Date: 7/13/2004
 End fill: 7/13/2004
 Result fill: No Further Action (NFA) Letter - with Institutional Controls
 Overall Status: SDAR NFA

Actual:
7 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

105
ENE
1/2-1
2933 ft.

BMW OF HONOLULU
777 KAPIOLANI BLVD
HONOLULU, HI

SHWS S106816569
SPILLS N/A
INST CONTROL

Relative:
Higher

SHWS:

File Under: BMW of Honolulu
 Supplement: Not reported
 Restricted Use: This site has restrictions on its use.
 Restricted Use Comm: Additional investigation & remediation may be necessary if future demolltion or excavation is conducted on
 Ic Relied On In Remedy: Not reported
 Unit: BMW Dealership
 Fed Id: Not reported
 Funding: Not reported
 Agreement/program: State Site
 Sitelist Name: BMW Dealership
 Activity Type: ISST
 Assignment Date: 6/6/2000
 Activity Lead: Amy Playdon
 Assignment End Date: 1/22/2001
 End fill: 1/22/2001
 Result fill: ISST Ranked NFA
 Overall Status: SDAR NFA

Actual:
3 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BMW OF HONOLULU (Continued)

S106816569

HI SPILLS:

Island: Oahu
 Supplemental Loc. Text: Not reported
 Case Number: 19990401-1450
 Units: Free Petroleum Product Found at 777 Kapiolani Blvd.
 Substances: Petroleum product
 Less Or Greater Than: Not reported
 Numerical Quantity: Not reported
 Units: Not reported
 Activity Type: Response
 Assignment Date: 4/1/1999
 Activity Lead: Terry Corpus
 Assignment End Date: Not reported
 Result: 8
 Incident: Loc: inside building scheduled for renovation; found free petroleum product in groundwater at 5.5 ft. below ground surface on 3/24/99.
 Initial: The contractor applied sorbent materials to absorb the free product (see written notification).
 Report: Referred to ISST.

HI INSTUTIONAL CONTROL:

Restricted Use: This site has restrictions on its use.
 Comments on Restricted Use: Additional investigation & remediation may be necessary if future demolition or excavation is conducted on site (1/24/01 HEER letter 01-031-AP).
 IC Relied on in Remedy: Not reported
 File Under: BMW of Honolulu

W106
East
1/2-1
3029 ft.

HECO SOIL CONTAMINATION CHAPIN LANE AND KAPIOLANI
CHAPIN LN / KAPIOLANI BLVD
HONOLULU, HI

SHWS S106817445
N/A

Site 1 of 2 in cluster W

Relative:
Higher

SHWS:

Actual:
3 ft.

File Under: Hawaiian Electric Co., Inc. (HECO)
 Supplement: Not reported
 Restricted Use: Not reported
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: Kapiolani Blvd. and Chapin Ln. Soil Contamination
 Fed Id: Not reported
 Funding: Not reported
 Agreement/program: State Site
 Sitelist Name: Kapiolani Blvd. and Chapin Ln. Soil Contamination
 Activity Type: Ranking
 Assignment Date: 1/31/2002
 Activity Lead: Richard Palmer
 Assignment End Date: Not reported
 End fill: 7/24/2006
 Result fill: Ongoing
 Overall Status: Ongoing

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

W107 **CHUEI SHOKOH, INC.**
East **825 KAPIOLANI BLVD**
1/2-1 **HONOLULU, HI 96813**
3064 ft.

SHWS **1006820040**
FINDS **110013779269**
SPILLS
VCP
INST CONTROL

Relative:
Higher

Site 2 of 2 in cluster W

Actual:
3 ft.

SHWS:

File Under:	Chuel Shokoh, Inc.
Supplement:	Not reported
Restricted Use:	This site has restrictions on its use.
Restricted Use Comm:	Prohibit Any Activity That May Disturb the Integrity of the Monitoring System
IC Relied On In Remedy:	Other - Hawaii Dept. of Health Letter Issued
Unit:	Chuel Shokoh, Inc. 825 Kapiolani Blvd.
Fed Id:	Not reported
Funding:	ERRF-VRP
Agreement/program:	VRP
Sitelist Name:	Chuel Shokoh, Inc. 825 Kapiolani Blvd.
Activity Type:	O&M
Assignment Date:	7/3/2003
Activity Lead:	Mark Sutterfield
Assignment End Date:	4/19/2005
End fill:	4/19/2005
Result fill:	Monitoring wells removed. Site closed with Institutional Controls
Overall Status:	LOC/NFO

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19981207-1525
Units:	Former Auto Body Shop and UST
Substances:	Diesel Fuel
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Assignment Date:	12/7/1998
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	8
Incident:	Phase I conducted on site. Former auto body shop and underground storage tanks located. Petroleum contaminated soils and and groundwater on site.
Initial:	Referral to the ISST
Report:	Report to be submitted to the Office. 12/11/98: Report received from Belt Collins (Nancy Convard). Analytical results: Soil: up to 10,240 ppm for TPH-g; 6,343 ppm for TPH-d; groundwater: 0.0071 ppm lead.

VCP:

Location Address Line 2: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

CHUEI SHOKOH, INC. (Continued)

1006820040

Supplemental Location Text: Not reported
 Restricted Use: This site has restrictions on its use.
 Comments on Restricted Use: Prohibit Any Activity That May Disturb the Integrity of the Monitoring System
 IC Relied on in Remedy: Other - Hawaii Dept. of Health Letter Issued
 FED_ID: Not reported
 Activity Type: O&M
 Assignment Date: 2003-07-03 00:00:00
 Activity Lead: Mark Sutterfield
 Assignment End Date: 2005-04-19 00:00:00
 Result: 8
 Agreement/Program: VRP
 Overall Status: LOC/NFO
 File Under: Chuei Shokoh, Inc.
 Unit: Chuei Shokoh, Inc. 825 Kapiolani Blvd.
 Funding: ERRF-VRP
 Site List: Chuei Shokoh, Inc. 825 Kapiolani Blvd.
 End Fill: 2005-04-19 00:00:00

HI INSTUTIONAL CONTROL:

Restricted Use: This site has restrictions on its use.
 Comments on Restricted Use: Prohibit Any Activity That May Disturb the Integrity of the Monitoring System
 IC Relied on in Remedy: Other - Hawaii Dept. of Health Letter Issued
 File Under: Chuei Shokoh, Inc.

108
 East
 1/2-1
 3105 ft.

SYMPHONY PARK
850 KAPIOLANI BLVD
HONOLULU, HI 96807

SHWS S107022567
N/A

Relative:
 Higher

SHWS:

Actual:
 3 ft.

File Under: Symphony Park (Myers Corporation)
 Supplement: Intersection with Ward Avenue
 Restricted Use: This site is available for unrestricted use.
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: Symphony Park
 Fed Id: HID984467654
 Funding: Not reported
 Agreement/program: PA/SI
 Sitelist Name: Symphony Park
 Activity Type: SI1
 Assignment Date: 1/10/1993
 Activity Lead: Unknown
 Assignment End Date: 9/27/1995
 End fill: 9/27/1995
 Result fill: NFA
 Overall Status: Ongoing

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

109 **HARBOR COURT**
North **66 QUEEN ST**
1/2-1 **HONOLULU, HI 96813**
3190 ft.

SHWS **1006820894**
FINDS **110013789212**

Relative:
Higher

SHWS:

File Under:	Harbor Court
Supplement:	Not reported
Restricted Use:	Not reported
Restricted Use Comm:	Not reported
Ic Relied On In Remedy:	Not reported
Unit:	Harbor Court
Fed Id:	Not reported
Funding:	Not reported
Agreement/program:	State Site
Sitellst Name:	Harbor Court
Activity Type:	ISST
Assignment Date:	12/15/1994
Activity Lead:	Unknown
Assignment End Date:	12/21/1994
End fill:	12/21/1994
Result fill:	ISST Ranked NFA
Overall Status:	SDAR NFA

Actual:
6 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

110 **CHEVRON USA, INC.**
North **1001 BISHOP ST**
1/2-1 **HONOLULU, HI 96813**
3256 ft.

SHWS **1006820046**
FINDS **110013779321**

Relative:
Higher

SHWS:

File Under:	Chevron USA, Inc.
Supplement:	Pauahi Tower Suite 1000
Restricted Use:	Not reported
Restricted Use Comm:	Not reported
Ic Relied On In Remedy:	Not reported
Unit:	Chevron USA, Inc.
Fed Id:	Not reported
Funding:	Not reported
Agreement/program:	State Site
Sitellst Name:	Chevron USA, Inc.
Activity Type:	Admin File Honolulu Harbor Iwilei Unit
Assignment Date:	8/9/2005
Activity Lead:	Clarence Callahan
Assignment End Date:	Not reported
End fill:	7/24/2006
Result fill:	Ongoing
Overall Status:	Ongoing

Actual:
10 ft.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

CHEVRON USA, INC. (Continued)

1006820046

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

**111
 East
 1/2-1
 3690 ft.**

**GLOVER BUILDING
 1046 WAIMANU ST
 HONOLULU, HI 96814**

**SHWS S106817188
 SPILLS N/A**

**Relative:
 Higher**

SHWS:

**Actual:
 3 ft.**

File Under:	Jas. W. Glover, Ltd.
Supplement:	Not reported
Restricted Use:	Not reported
Restricted Use Comm:	Not reported
Ic Relied On In Remedy:	Not reported
Unit:	Glover Building
Fed Id:	Not reported
Funding:	ERRF
Agreement/program:	State Site
Sitelist Name:	Glover Building
Activity Type:	Screening
Assignment Date:	5/20/2004
Activity Lead:	Melody Calisay
Assignment End Date:	6/10/2004
End fill:	6/10/2004
Result fill:	Screening No Further Action (NFA) by SOSOC
Overall Status:	SDAR NFA

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20040606-0830
Units:	Glover Walmea Asphalt Plant
Substances:	Smoke
Less Or Greater Than:	Not reported
Numerical Quantity:	1
Units:	Drum (55)
Activity Type:	Response
Assignment Date:	6/6/2004
Activity Lead:	Paul Chong
Assignment End Date:	6/10/2004
Result:	8
Incident:	Heavy smoke released from asphalt tanker. During removal of 2 vehicle maintenance lifts, contractor advised of contaminated soil. Just purchased property for development and had Phase I assessment done. Later learned there was a UST removed from the property. hydraulic tank leaked staining soil with approx. 3 - 4 gallons on Friday 10/21/94.
Initial:	Hilo Hazmat was on scene had the contractor turn off the heating element. Responsible party to get consultant opinion on procedure. Land owner to clean up spill
Report:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

GLOVER BUILDING (Continued)

S106817188

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19950202
Units: Glover Building
Substances: Hydraulic Oil
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Unknown
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: 8
Incident: Heavy smoke released from asphalt tanker. During removal of 2 vehicle maintenance lifts, contractor advised of contaminated soil. Just purchased property for development and had Phase I assessment done. Later learned there was a UST removed from the property. hydraulic tank leaked staining soil with approx. 3 - 4 gallons on Friday 10/21/94.
Initial: Hilo Hazmat was on scene had the contractor turn off the heating element. Responsible party to get consultant opinion on procedure. Land owner to clean up spill
Report: Not reported

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19941024
Units: 1046 Waimanu Street
Substances: Hydraulic Oil
Less Or Greater Than: Not reported
Numerical Quantity: 3
Units: Gallons
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Not reported
Assignment End Date: Not reported
Result: 8
Incident: Heavy smoke released from asphalt tanker. During removal of 2 vehicle maintenance lifts, contractor advised of contaminated soil. Just purchased property for development and had Phase I assessment done. Later learned there was a UST removed from the property. hydraulic tank leaked staining soil with approx. 3 - 4 gallons on Friday 10/21/94.
Initial: Hilo Hazmat was on scene had the contractor turn off the heating element. Responsible party to get consultant opinion on procedure. Land owner to clean up spill
Report: Not reported

112 ONE ARCHER LANE
ENE 801 S KING ST
1/2-1 HONOLULU, HI 96813
3714 ft.

SHWS 1006818981
FINDS 110013767414
SPILLS

Relative: SHWS:
Higher File Under: Myers King Street Partners
Supplement: Not reported
Actual: Restricted Use: Not reported
10 ft. Restricted Use Comm: Not reported
ic Relied On In Remedy: Not reported
Unit: One Archer Lane Petroleum Contamination

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

ONE ARCHER LANE (Continued)

1006818981

Fed Id: Not reported
Funding: Not reported
Agreement/program: State Site
Sitelist Name: One Archer Lane Petroleum Contamination
Activity Type: Ranking
Assignment Date: 9/30/2005
Activity Lead: Eric Sadoyama
Assignment End Date: 1/10/2006
End fill: 1/10/2006
Result fill: Refer to SHWB
Overall Status: SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20011013-1451
Units: 1 Archer Lane, Honolulu, White Powder-Anthrax Scare
Substances: Unknown white powder possibly containing a bioterrorism agent anthrax
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 10/13/2001
Activity Lead: Bill Perry
Assignment End Date: Not reported
Result: 8
Incident: SOSOC Bill Perry responded assessing a white powder at 1 Archer Lane after a reported 42 had possibly been exposed to a potential bioterrorism agent anthrax. The powder was discovered in an envelope marked Astrarza Co. was sampled and taken for analysis. Contractors working for the Myers Corp. on the One Archer Lane project uncovered an unidentified UST. Discovered petroleum contamination during construction. Tanks had been pulled previously.
Initial: SOSOC went to scene and assessed the situation. Hazmat grabbed a sample to analyze. Decon procedures were taken to protect the public. The 42 people on site who had been potentially exposed were directed to get medical observation pending sampling re Ogden is characterizing the site. Ogden Environmental was immediately called to test tank contents. Plans to have PENCO pump tank, dispose of substances and then remove tank were made by Myers Corp.
Report: Location 1 Archer Lane white powder in envelope marked ASTARAZA Co. two people exposed initially then a reported 42 people are in isolation pending analysis of powder. HAZMAT asked DOH HEER to analyze substance. See also 960724-1544. Forwarded to SDAR. See also 961002-1100. Forwarded to SDAR.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19961002-1100

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

ONE ARCHER LANE (Continued)

1006818981

Units: One Archer Lane, discovered UST
Substances: Not reported
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 10/2/1996
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8

Incident: SOSC Bill Perry responded assessing a white powder at 1 Archer Lane after a reported 42 had possibly been exposed to a potential bioterrorism agent anthrax. The powder as discovered in an envelope marked Astrarza Co. was sampled and taken for analContractors working for the Myers Corp. on the One Archer Lane project uncovered an unidentified UST. Discovered petroleum contamination during construction. Tanks had been pulled previously. ysls.
Initial: SOSC went to scene and assessed the situation. Hazmat grabbed a sample to analyze. Decon procedures were taken to protect the public. The 42 people on site who had been potentially exposed were directed to get medical observation pending sampling reOgden is characterizing the site. Ogden Environmental was immediately called to to test tank contents. Plans to have PENCO pump tank, dispose of substances and then remove tank were made by Myers Corp. suits.
Report: Location 1 Archer Lane white powder in envelope marked ASTARAZA Co. two people exposed initially then a reported 42 people are in Isolation pending analysis of powder. HAZMAT asked DOH HEER to analyze substance. See also 960724-1544. Forwarded to SDAR. See also 961002-1100. Forwarded to SDAR.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19960724-1544
Units: One Archer Lane, petroleum contamination
Substances: Petroleum
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 7/24/1996
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8

Incident: SOSC Bill Perry responded assessing a white powder at 1 Archer Lane after a reported 42 had possibly been exposed to a potential bioterrorism agent anthrax. The powder as discovered in an envelope marked Astrarza Co. was sampled and taken for analContractors working for the Myers Corp. on the One Archer Lane project uncovered an unidentified UST. Discovered petroleum contamination during construction. Tanks had been pulled previously. ysls.
Initial: SOSC went to scene and assessed the situation. Hazmat grabbed a sample to analyze. Decon procedures were taken to protect the public. The 42 people on site who had been potentially exposed were directed to get medical observation pending sampling reOgden is characterizing the site. Ogden Environmental was immediately called to to test tank contents. Plans to have PENCO pump tank, dispose of substances and then remove tank were made by Myers Corp. suits.
Report: Location 1 Archer Lane white powder in envelope marked ASTARAZA Co. two people exposed initially then a reported 42 people are in isolation pending analysis of powder. HAZMAT asked DOH HEER to analyze substance. See also 960724-1544. Forwarded to SDAR. See also 961002-1100. Forwarded to SDAR.

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

113 **HDC PROPERTIES, STAINED SOILS**
East **1015 KAPIOLANI BLVD**
1/2-1 **HONOLULU, HI 96813**
3760 ft.

SHWS **1006821118**
FINDS **110013791655**
SPILLS
INST CONTROL

Relative:
Higher

SHWS:

Actual:
3 ft.

File Under: Honolulu Design Center, LLC
Supplement: Kapiolani (Makai), between Ward Ave & Kamakee St
Restricted Use: This site is available for unrestricted use.
Restricted Use Comm: Not reported
IC Relied On In Remedy: Not reported
Unit: HDC Properties Stained Soils
Fed Id: Not reported
Funding: Not reported
Agreement/program: State Site
Sitallst Name: HDC Properties Stained Soils
Activity Type: Screening
Assignment Date: 5/20/2004
Activity Lead: Steve Mow
Assignment End Date: 8/23/2004
End fill: 8/23/2004
Result fill: Screening No Further Action (NFA) - Unrestricted Use
Overall Status: SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Kapiolani (Makai), between Ward Ave & Kamakee St
Case Number: 20020124-0904
Units: HDC Properties, stained soils
Substances: Not reported
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 1/24/2002
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8
incident: Construction of property found stained soils. Analysis on soil samples found trace amounts of TPH (Tier 1). Source is unknown. Property Owner is HDC Properties.
Initial: Plans for exploration holes being developed.
Report: Not reported

HI INSTUTIONAL CONTROL:

Restricted Use: This site is available for unrestricted use.
Comments on Restricted Use: Not reported
IC Relied on in Remedy: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

HDC PROPERTIES, STAINED SOILS (Continued)

1006821118

File Under: Honolulu Design Center, LLC

114
WNW
1/2-1
3819 ft.

SAND ISLAND BUSINESS ASSOCIATION LOT 023
1020 ULUPONO ST
HONOLULU, HI 96819

SHWS 1006820004
FINDS 110013778830

Relative:
Higher

SHWS:

Actual:
3 ft.

File Under: DF Builder, Corporation
Supplement: Sand Island Business Association Lot 023
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Sand Island Business Association Lot 023 AST
Fed Id: Not reported
Funding: ERRF
Agreement/program: State Site
Sitelist Name: Sand Island Business Association Lot 023 AST
Activity Type: ISST
Assignment Date: 11/21/2001
Activity Lead: Laura Young
Assignment End Date: 7/8/2002
End fill: 7/8/2002
Result fill: ISST Ranked NFA
Overall Status: SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

115
ESE
1/2-1
3920 ft.

SELF STORAGE 1
438 KAMAKEE ST
HONOLULU, HI 96814

SHWS 1006819998
FINDS 110013778769
SPILLS

Relative:
Higher

SHWS:

Actual:
3 ft.

File Under: Self Storage 1
Supplement: Not reported
Restricted Use: This site is available for unrestricted use.
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Honolulu Laundry
Fed Id: Not reported
Funding: ERRF
Agreement/program: State Site
Sitelist Name: Honolulu Laundry
Activity Type: Site Assessment
Assignment Date: 6/9/2004
Activity Lead: Mark Sutterfield
Assignment End Date: 8/26/2004

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

SELF STORAGE 1 (Continued)

1006819998

End fill: 8/26/2004
 Result fill: No Further Action (NFA) - Unrestricted Use
 Overall Status: SDAR NFA

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HI SPILLS:

Island: Oahu
 Supplemental Loc. Text: Not reported
 Case Number: 19981028-1300
 Units: Self Storage 1 (previously Volkswagon repair shop, Laundry Facility) 5 sand filled UST's onsite
 Substances: Oil/Hydraulic Fluid/Solvents
 Less Or Greater Than: Not reported
 Numerical Quantity: Not reported
 Units: Not reported
 Activity Type: Response
 Assignment Date: 10/28/1998
 Activity Lead: Bill Perry
 Assignment End Date: Not reported
 Result: 8
 Incident: New Owners discovered two 2" diameter steel (galvanized) pipes abandoned onsite with Oil and Hydraulic Fluid residuals. The pipes are full to the top and capacity unknown. The subsurface pipe ends/direction are unknown.
 Initial: A joint inspection by DOH, UST Section and HEER SOSC, of the site. Complete an initial assessment. The new owner will be issued a State Letter of Interest. PENCO Vac Truck on standby should an immediate response be required. Sampled stained soil by pipes.
 Report: DOH, UST Reps and SOSC met with Mr Gray Horton. Observed two 2" steel (galvanized) pipes suspected to lead to two of five (abandoned) sand filled UST's. Stained soil sample obtained immediate to the pipes. Letter of interest issued, specific concerns: re

116 USCGB BASE HONOLULU
 NW 400 SAND ISLAND PKWY
 1/2-1 HONOLULU, HI 96819
 4026 ft.

SHWS 1006819485
 SPILLS N/A

Relative:
 Higher

SHWS:

Actual:
 3 ft.

File Under: United States, Department of Transportation, Coast Guard
 Supplement: Coast Guard Base Honolulu
 Restricted Use: Not reported
 Restricted Use Comm: Not reported
 Ic Relied On In Remedy: Not reported
 Unit: U.S. Coast Guard Base Honolulu
 Fed Id: HID984469890
 Funding: Not reported
 Agreement/program: State Site
 Sittell Name: U.S. Coast Guard Base Honolulu
 Activity Type: Ranking

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

USCG BASE HONOLULU (Continued)

1006819485

Assignment Date: 9/30/2005
Activity Lead: Eric Sadoyama
Assignment End Date: Not reported
End fill: 7/24/2006
Result fill: Ongoing
Overall Status: Ongoing

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Coast Guard Base Honolulu
Case Number: 19990716-0926
Units: US Coast Guard-Sand Island
Substances: Diesel Fuel
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 7/16/1999
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: 8

Incident: The NRC received a brief from the Coast Guard Cmd Ctr concerning a suspicious diver observed by a station Honolulu watchstander. Diver had nothing other than diving equip. Watchstander made eye contact w/ indiv, the diver swam away. Caller reported a heavy smell of diesel to MSO/ Suspect it is related to earlier spill of diesel by Hawaiian Tug and Barge. Faulty valve on bilge eductor or pump. A valve developed a leak which resulted in a 20 ounce waste oil release overboard. Rainbow sheen 30 foot by 1 foot. Pile driver hydraulic line broke, releasing oil into harbor. Oily water separator testing released material to the ocean creating a 2 foot by 40 foot black sheen. Working with a contractor crew and a hydraulic line broke. Hydraulic Oil Spill (1 qt.) While fueling CGC Kiska spilled approx. 1.5 gals fuel oil into Honolulu harbor Diesel spill from USCG Vessel. Possible Diesel Sheen Trail left by USCG Vessel Mallow which was the affected area.

Initial: USCG Kiska Crew and MSO Honolulu reps. placed sorbent boom and pads to recover spilled fuel oil. Cleanup completed, spent sorbents disposed of properly. Response team is on scene. Approx 1 quart hydraulic oil spilled from a line into the water at the USCG Boathouse pier reconstruction project. The oil was contained within sheet pile slurry walls. USCG Contractors responded, absorbed/cleaned the spill, disposed of sorbents properly. Stopped discharge. Release was secured. Used sorbent boom to recover spilled oil. USCG conducted investigation of area & reported that the Small Boat Station at Sand Island was deploying Sorbent Sweeps with Pads & that the Sheen Clean-Up was satisfactorily completed. Old non-recoverable fuel. USCG Vessel Washington used Sorbents to clean-up Spill. Cleaned up with adsorbant pads. Boomed. Spill was contained in a boom. Sand Wan Construction hired a contractor hired to cleanup spill. party.

Report: Mystery spill. Sheen. Old product leaching? Remedial Action: Small boat & HH65 launched to search for diver. Army divers have been requested to search the pier and all floating units. No other info in the command center brief. USCG contractor spilled approx. 1 qt hydraulic oil into water at Sand Island boathouse slip. Line rupture. Spill contained within reconstruction project sheet pile. USCG/contractor cleaned and disposed of properly. Notified CWB (permitted ops) Received HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the site. However an Official Notification requiring written followup is still required. No oil released to the water. USCG Kiska Released approx. 1.5 gals. of fuel oil into Honolulu

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USCG BASE HONOLULU (Continued)

1006819485

Harbor, USCG cleaned via sorbents and disposed of properly. slight sheen dissipated with the on-scene weather conditions. A follow up report is not necessary. Federal vessels are exempt from

Island: Oahu
Supplemental Loc. Text: Coast Guard Base Honolulu
Case Number: 19970828-1410
Units: USCGC Jarvis Hydraulic Leak
Substances: Oil
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 8/28/1997
Activity Lead: Liz Galvez
Assignment End Date: Not reported
Result: 8

Incident: The NRC received a brief from the Coast Guard Cmd Ctr concerning a suspicious diver observed by a station Honolulu watchstander. Diver had nothing other than diving equip. Watchstander made eye contact w/ indiv, the diver swam away. Caller reported a heavy smell of diesel to MSO/ Suspect It is related to earlier spill of diesel by Hawaiian Tug and Barge. Faulty valve on bilge eductor or pump. A valve developed a leak which resulted in a 20 ounce waste oil release overboard. Rainbow sheen 30 foot by 1 foot. Pile driver hydraulic line broke, releasing oil into harbor. Oily water separator testing released material to the ocean creating a 2 foot by 40 foot black sheen. Working with a contractor crew and a hydraulic line broke. Hydraulic Oil Spill (1 qt.) While fueling CGC Kiska spilled approx. 1.5 gals fuel oil into Honolulu harbor Diesel spill from USCG Vessel. Possible Diesel Sheen Trail left by USCG Vessel Mallow which was the affected area.

Initial: USCG Kiska Crew and MSO Honolulu reps. placed sorbent boom and pads to recover spilled fuel oil. Cleanup completed, spent sorbents disposed of properly Response team is on scene. Approx 1 quart hydraulic oil spilled from a line into the water at the USCG Boathouse pier reconstruction project. The oil was contained within sheet pile slurry walls. USCG Contractors responded, absorbed/cleaned the spill, disposed of sorbents properly. Stopped discharge. Release was secured. Used sorbent boom to recover spilled oil. USCG conducted investigation of area & reported that the Small Boat Station at Sand Island was deploying Sorbent Sweeps with Pads & that the Sheen Clean-Up was satisfactorily completed. Old non-recoverable fuel. USCG Vessel Washington used Sorbents to clean-up Spill. Cleaned up with adsorbant pads. Boomed. Spill was contained in a boom. Sand Wan Construction hired a contractor hired to cleanup spill. party.

Report: Mystery spill. Sheen. Old product leaching? Remedial Action: Small boat & HH65 launched to search for diver. Army divers have been requested to search the pier and all floating units. No other info in the command center brief. USCG contractor spilled approx. 1 qt hydraulic oil into water at Sand Island boathouse slip. Line ruptue. Spill contained within reconstruction project sheet pile. USCG/contractor cleaned and disposed of properly. Notified CWB (permitted ops) Received HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the site. However an Official Notification requiring written followup is still required. No oil released to the water. USCG Kiska Released approx. 1.5 gals. of fuel oil into Honolulu Harbor, USCG cleaned via sorbents and disposed of properly. slight sheen dissipated with the on-scene weather conditions. A follow up report is not necessary. Federal vessels are exempt from

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

USCG BASE HONOLULU (Continued)

1006819485

Island: Oahu
Supplemental Loc. Text: Coast Guard Base Honolulu
Case Number: 19970709-1344
Units: USCG Cutter Jarvis Oily Water Release from Faulty valve on bilge eductor
Substances: Oily Water
Less Or Greater Than: Not reported
Numerical Quantity: 3
Units: Gallons
Activity Type: Response
Assignment Date: 7/9/1997
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8

Incident: The NRC received a brief from the Coast Guard Cmd Ctr concerning a suspicious diver observed by a station Honolulu watchstander. Diver had nothing other than diving equip. Watchstander made eye contact w/ indiv, the diver swam away. Caller reported a heavy smell of diesel to MSO/ Suspect it is related to earlier spill of diesel by Hawaiian Tug and Barge. Faulty valve on bilge eductor or pump. A valve developed a leak which resulted in a 20 ounce waste oil release overboard. Rainbow sheen 30 foot by 1 foot. Pile driver hydraulic line broke, releasing oil into harbor. Oily water separator testing released material to the ocean creating a 2 foot by 40 foot black sheen. Working with a contractor crew and a hydraulic line broke. Hydraulic Oil Spill (1 qt.) While fueling CGC Kiska spilled approx. 1.5 gals fuel oil into Honolulu harbor Diesel spill from USCG Vessel. Possible Diesel Sheen Trail left by USCG Vessel Mallow which was the affected area.

Initial: USCG Kiska Crew and MSO Honolulu reps. placed sorbent boom and pads to recover spilled fuel oil. Cleanup completed, spent sorbents disposed of properly. Response team is on scene. Approx 1 quart hydraulic oil spilled from a line into the water at the USCG Boathouse pier reconstruction project. The oil was contained within sheet pile slurry walls. USCG Contractors responded, absorbed/cleaned the spill, disposed of sorbents properly. Stopped discharge. Release was secured. Used sorbent boom to recover spilled oil. USCG conducted investigation of area & reported that the Small Boat Station at Sand Island was deploying Sorbent Sweeps with Pads & that the Sheen Clean-Up was satisfactorily completed. Old non-recoverable fuel. USCG Vessel Washington used Sorbents to clean-up Spill. Cleaned up with adsorbant pads. Boom. Spill was contained in a boom. Sand Wan Construction hired a contractor hired to cleanup spill. perly.

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Island: Oahu
Supplemental Loc. Text: Coast Guard Base Honolulu
Case Number: 19970710-1257
Units: USCG Cutter Jarvis Waste Oil Spill

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

USCG BASE HONOLULU (Continued)

1006819485

Substances: Oil, Waste
Less Or Greater Than: Not reported
Numerical Quantity: 20
Units: Ounces
Activity Type: Response
Assignment Date: 7/10/1997
Activity Lead: Terry Corpus
Assignment End Date: Not reported
Result: 8

Incident: The NRC received a brief from the Coast Guard Cmd Ctr concerning a suspicious diver observed by a station Honolulu watchstander. Diver had nothing other than diving equip. Watchstander made eye contact w/ indiv, the diver swam away. Caller reported a heavy smell of diesel to MSO/ Suspect it is related to earlier spill of diesel by Hawaiian Tug and Barge. Faulty valve on bilge eductor or pump. A valve developed a leak which resulted in a 20 ounce waste oil release overboard. Rainbow sheen 30 foot by 1 foot. Pile driver hydraulic line broke, releasing oil into harbor. Oily water separator testing released material to the ocean creating a 2 foot by 40 foot black sheen. Working with a contractor crew and a hydraulic line broke. Hydraulic Oil Spill (1 qt.) While fueling CGC Kiska spilled approx. 1.5 gals fuel oil into Honolulu harbor Diesel spill from USCG Vessel. Possible Diesel Sheen Trail left by USCG Vessel Mallow which was the affected area.

Initial: USCG Kiska Crew and MSO Honolulu reps. placed sorbent boom and pads to recover spilled fuel oil. Cleanup completed, spent sorbents disposed of properly. Response team is on scene. Approx 1 quart hydraulic oil spilled from a line into the water at the USCG Boathouse pier reconstruction project. The oil was contained within sheet pile slurry walls. USCG Contractors responded, absorbed/cleaned the spill, disposed of sorbents properly. Stopped discharge. Release was secured. Used sorbent boom to recover spilled oil. USCG conducted investigation of area & reported that the Small Boat Station at Sand Island was deploying Sorbent Sweeps with Pads & that the Sheen Clean-Up was satisfactorily completed. Old non-recoverable fuel. USCG Vessel Washington used Sorbents to clean-up Spill. Cleaned up with adsorbant pads. Boomed. Spill was contained in a boom. Sand Wan Construction hired a contractor hired to cleanup spill. per y.

Report: Mystery spill. Sheen. Old product leaching? Remedial Action: Small boat & HH65 launched to search for diver. Army divers have been requested to search the pier and all floating units. No other info in the command center brief. USCG contractor spilled approx. 1 qt hydraulic oil into water at Sand Island boathouse slip. Line ruptured. Spill contained within reconstruction project sheet pile. USCG/contractor cleaned and disposed of properly. Notified CWB (permitted ops) Received HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the site. However an Official Notification requiring written followup is still required. No oil released to the water. USCG Kiska Released approx. 1.5 gals. of fuel oil into Honolulu Harbor, USCG cleaned via sorbents and disposed of properly. slight sheen dissipated with the on-scene weather conditions. A follow up report is not necessary. Federal vessels are exempt from

Island: Oahu
Supplemental Loc. Text: Coast Guard Base Honolulu
Case Number: 19970320-1005
Units: USCG Sand Island Boathouse Pier Replacement Project
Substances: Hydraulic Oil
Less Or Greater Than: Not reported
Numerical Quantity: 1
Units: Quarts

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

USCG BASE HONOLULU (Continued)

1006819485

Activity Type: Response
Assignment Date: 3/20/1997
Activity Lead: Bill Perry
Assignment End Date: Not reported
Result: 8

Incident: The NRC received a brief from the Coast Guard Cmd Ctr concerning a suspicious diver observed by a station Honolulu watchstander. Diver had nothing other than diving equip. Watchstander made eye contact w/ indiv, the diver swam away. Caller reported a heavy smell of diesel to MSO/ Suspect it is related to earlier spill of diesel by Hawaiian Tug and Barge. Faulty valve on bilge eductor or pump. A valve developed a leak which resulted in a 20 ounce waste oil release overboard. Rainbow sheen 30 foot by 1 foot. Pile driver hydraulic line broke, releasing oil into harbor. Oily water separator testing released material to the ocean creating a 2 foot by 40 foot black sheen. Working with a contractor crew and a hydraulic line broke. Hydraulic Oil Spill (1 qt.) While fuelling CGC Kiska spilled approx. 1.5 gals fuel oil into Honolulu harbor. Diesel spill from USCG Vessel. Possible Diesel Sheen Trail left by USCG Vessel Mallow which was the affected area.

Initial: USCG Kiska Crew and MSO Honolulu reps. placed sorbent boom and pads to recover spilled fuel oil. Cleanup completed, spent sorbents disposed of properly. Response team is on scene. Approx 1 quart hydraulic oil spilled from a line into the water at the USCG Boathouse pier reconstruction project. The oil was contained within sheet pile slurry walls. USCG Contractors responded, absorbed/cleaned the spill, disposed of sorbents properly. Stopped discharge. Release was secured. Used sorbent boom to recover spilled oil. USCG conducted investigation of area & reported that the Small Boat Station at Sand Island was deploying Sorbent Sweeps with Pads & that the Sheen Clean-Up was satisfactorily completed. Old non-recoverable fuel. USCG Vessel Washington used Sorbents to clean-up Spill. Cleaned up with adsorbant pads. Boomed. Spill contained in a boom. Sand Wan Construction hired a contractor hired to cleanup spill. perly.

Report: Mystery spill. Sheen. Old product leaching? Remedial Action: Small boat & HH65 launched to search for diver. Army divers have been requested to search the pier and all floating units. No other info in the command center brief. USCG contractor spilled approx. 1 qt hydraulic oil into water at Sand Island boathouse slp. Line ruptue. Spill contained within reconstruction project sheet pile. USCG/contractor cleaned and disposed of properly. Notified CWB (permitted ops) Received HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the site. However an Official Notification requiring written followup is still required. No oil released to the water. USCG Kiska Released approx. 1.5 gals. of fuel oil into Honolulu Harbor, USCG cleaned via sorbents and disposed of properly. slight sheen dissipated with the on-scene weather conditions. A follow up report is not necessary. Federal vessels are exempt from

Click this hyperlink while viewing on your computer to access 7 additional HI SPILLS: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

117 NNE 1/2-1 4127 ft.	CAPITOL PLACE DEVELOPMENT PROJECT 1212 QUEEN EMMA ST HONOLULU, HI 96813	SHWS	S108008488 N/A
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Relative: Higher	SHWS: File Under: Supplement: Restricted Use: Restricted Use Comm: lc Relied On In Remedy: Unit: Fed Id: Funding: Agreement/program: Sitelist Name: Activity Type: Assignment Date: Activity Lead: Assignment End Date: End fill: Result fill: Overall Status:	PMK Development LLC Not reported Not reported Not reported Not reported Capitol Place Development Project Not reported ERRF State Site Capitol Place Development Project Removal 11/10/2005 Mark Sutterfield 11/15/2005 11/15/2005 No Further Action (NFA) - Unrestricted Use SDAR NFA
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118 ESE 1/2-1 4317 ft.	RESERVE HOUSING TOWER SOIL CONTAMINATION 1141 WAIMANU ST HONOLULU, HI 96813	SHWS FINDS SPILLS	1006819959 110013778322
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Relative: Higher	SHWS: File Under: Supplement: Restricted Use: Restricted Use Comm: lc Relied On In Remedy: Unit: Fed Id: Funding: Agreement/program: Sitelist Name: Activity Type: Assignment Date: Activity Lead: Assignment End Date: End fill: Result fill: Overall Status:	Reserve Housing Tower Not reported Not reported Not reported Not reported Reserve Housing Tower Soil Contamination Not reported Not reported State Site Reserve Housing Tower Soil Contamination ISST 10/24/1995 Unknown 10/25/1995 10/25/1995 ISST Ranked NFA SDAR NFA
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FINDS:
 Other Pertinent Environmental Activity Identified at Site

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

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

RESERVE HOUSING TOWER SOIL CONTAMINATION (Continued)

1006819959

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19951025-2
Units: Reserve Housing Tower
Substances: oil/stained soil
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: Not reported
Activity Lead: Bill Perry
Assignment End Date: Not reported
Result: 8
Incident: Rest Environmental contracted to treat oil contaminated soil prior to construction of the reserve housing tower, by Waldron Venturals. Reported July 24, 1995 with remediation report.
Initial: Rust Environmental/soil washing/case review/soil contaminated on-site after over extraction. Created slurry container (soil washed) diesel to below DOH interim cleanup goals. Technology was effective and acceptable.
Report: Not reported

119
North
1/2-1
4331 ft.

YEE HOP BUILDING MAUNAKEA STREET
950 MAUNAKEA ST
HONOLULU, HI

SHWS S106821168
N/A

Relative:
Higher

SHWS:

Actual:
12 ft.

File Under: City and County of Honolulu, Department of Design and Construction
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
IC Relied On In Remedy: Not reported
Unit: Yee Hop Building Maunakea Street
Fed id: Not reported
Funding: ERRF
Agreement/program: State Site
Sitelist Name: Yee Hop Building Maunakea Street
Activity Type: Remedial
Assignment Date: 10/15/2004
Activity Lead: Mark Sutterfield
Assignment End Date: Not reported
End fill: 7/24/2006
Result fill: Ongoing
Overall Status: Ongoing

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

120 HAWAIIAN DREDGING & CONSTRUCTION
ENE 825 BERETANIA ST
1/2-1 HONOLULU, HI 96813
4414 ft.

SHWS S108008530
N/A

Relative:
Higher

SHWS:

File Under: Hawaiian Dredging & Construction Company
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Hawaiian Dredging
Fed Id: Not reported
Funding: Not reported
Agreement/program: Not reported
Sitelist Name: Not reported
Activity Type: Not reported
Assignment Date: Not reported
Activity Lead: Not reported
Assignment End Date: Not reported
End fill: 7/24/2006
Result fill: Ongoing
Overall Status: Not reported

Actual:
23 ft.

121 KOOLANI TOWER PROJECT
ESE 1189 WAIMANU ST
1/2-1 HONOLULU, HI 96814
4775 ft.

SHWS S106818609
SPILLS N/A

Relative:
Higher

SHWS:

File Under: Crescent Heights
Supplement: Not reported
Restricted Use: Not reported
Restricted Use Comm: Not reported
Ic Relied On In Remedy: Not reported
Unit: Koolani Tower Project
Fed Id: Not reported
Funding: Not reported
Agreement/program: Not reported
Sitelist Name: Koolani Tower Project
Activity Type: Format File Folder
Assignment Date: 7/13/2006
Activity Lead: Laura Young
Assignment End Date: 7/13/2006
End fill: 7/13/2006
Result fill: Complete
Overall Status: Ongoing

Actual:
3 ft.

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 20040615-1651
Units: Koolani Tower Project
Substances: Diesel Fuel
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Unknown
Activity Type: Response
Assignment Date: 6/15/2004

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

KOOLANI TOWER PROJECT (Continued)

S106818609

Activity Lead: Liz Galvez
Assignment End Date: Not reported
Result: 8
Incident: Unknown substance discovered during soil testing at project site.
Initial: Not reported
Report: 12/7/2004: Notification received by L. Galvez; no other information available.
No emergency response action necessary at this time. Refer to ISST.

122
North
1/2-1
4878 ft.

KEKAULIKE DIAMOND HEAD BLOCK REVITALIZATION
163 N HOTEL ST
HONOLULU, HI 96817

SHWS 1006819184
FINDS 110013769564
SPILLS

Relative:
Higher

SHWS:

File Under: City and County of Honolulu, Department of Housing and Community Development
Supplement: Hotel St & Kekaulike St
Restricted Use: Not reported
Restricted Use Comm: Not reported
IC Relied On In Remedy: Not reported
Unit: Kekaulike Diamond Head Block Revitalization
Fed Id: Not reported
Funding: ERRF
Agreement/program: State Site
Sitelist Name: Kekaulike Diamond Head Block Revitalization
Activity Type: Unregulated UST
Assignment Date: 10/27/2004
Activity Lead: Mark Sutterfield
Assignment End Date: 3/23/2005
End fill: 3/23/2005
Result fill: No Further Action (NFA) for Unreg UST - Letter - Cleanup Goals Achieved
Overall Status: SDAR NFA

Actual:
13 ft.

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

HI SPILLS:

Island: Oahu
Supplemental Loc. Text: Hotel St & Kekaulike St
Case Number: 19941215-0915
Units: Kekaulike Diamond Head Block
Substances: oil
Less Or Greater Than: Not reported
Numerical Quantity: Not reported
Units: Not reported
Activity Type: Response
Assignment Date: 12/15/1994
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: 8
Incident: Digging - Drilling piling test holes, hit only soil across street is Maunakea

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

KEKAULIKE DIAMOND HEAD BLOCK REVITALIZATION (Continued)

1006819184

Initial: Marketplace, makai, ewa of site was old gas station.
 Hawaiian Dredging reported/County to hire environmental contractor to
 investigate. Hawaiian Dredging Construction Company, Justin Ohara 532-35821
 1/17/94 Mike Shiroma ,HCDA, has hired PSI (Mike Polkinghorn) as consultant.
Report: UST removed on
 Not reported

**123
 ESE
 1/2-1
 5112 ft.**

**EVERSHINE X
 1230 KAPIOLANI BLVD
 HONOLULU, HI 96814**

**SHWS S105262688
 VCP N/A
 INST CONTROL**

**Relative:
 Higher**

SHWS:

**Actual:
 3 ft.**

File Under: Evershine X
 Supplement: Not reported
 Restricted Use: This site is available for unrestricted use.
 Restricted Use Comm: Not reported
 IC Relied On In Remedy: Not reported
 Unit: Evershine X
 Fed Id: Not reported
 Funding: ERRF-VRP
 Agreement/program: VRP
 Sitelist Name: Evershine X
 Activity Type: Site Assessment
 Assignment Date: 10/1/2002
 Activity Lead: Mark Sutterfield
 Assignment End Date: 8/18/2004
 End fill: 8/18/2004
 Result fill: Letter of Completion (LOC) - Unrestricted Use
 Overall Status: SDAR NFA

VCP:

Location Address Line 2: Not reported
 Supplemental Location Text: Not reported
 Restricted Use: This site is available for unrestricted use.
 Comments on Restricted Use: Not reported
 IC Relied on in Remedy: Not reported
 FED_ID: Not reported
 Activity Type: Site Assessment
 Assignment Date: 2002-10-01 00:00:00
 Activity Lead: Mark Sutterfield
 Assignment End Date: 2004-08-18 00:00:00
 Result: 8
 Agreement/Program: VRP
 Overall Status: SDAR NFA
 File Under: Evershine X
 Unit: Evershine X
 Funding: ERRF-VRP
 Site List: Evershine X
 End Fill: 2004-08-18 00:00:00

HI INSTUTIONAL CONTROL:

Restricted Use: This site is available for unrestricted use.
 Comments on Restricted Use: Not reported
 IC Relied on in Remedy: Not reported
 File Under: Evershine X

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

124
 NE
 1/2-1
 5148 ft.

1510 FREAR STREET
 1510 FREAR ST
 HONOLULU, HI 96813

SHWS S107022534
 INST CONTROL N/A

Relative:
 Higher

SHWS:

File Under:	1510A Frear Street
Supplement:	Unit A
Restricted Use:	This site has restrictions on its use.
Restricted Use Comm:	Not reported
IC Relied On In Remedy:	Not reported
Unit:	1510A Frear Street
Fed Id:	Not reported
Funding:	Not reported
Agreement/program:	State Site
Sitelist Name:	1510A Frear Street
Activity Type:	Site Assessment
Assignment Date:	4/13/2005
Activity Lead:	Eric Sadoyama
Assignment End Date:	7/15/2005
End fill:	7/15/2005
Result fill:	No Further Action (NFA) - Unrestricted Use
Overall Status:	SDAR NFA

HI INSTUTIONAL CONTROL:

Restricted Use:	This site has restrictions on its use.
Comments on Restricted Use:	Not reported
IC Relied on in Remedy:	Not reported
File Under:	1510A Frear Street

125
 North
 1/2-1
 5161 ft.

215 NORTH KING STREET CONSTRUCTION SITE, TANKS 1 &
 215 N KING ST
 HONOLULU, HI 96814

SHWS S106815334
 N/A

Relative:
 Lower

SHWS:

File Under:	Downtown Affordables, LLC
Supplement:	Not reported
Restricted Use:	Not reported
Restricted Use Comm:	Not reported
IC Relied On In Remedy:	Not reported
Unit:	215 North King Street Construction Site, Tanks 1 & 2
Fed Id:	Not reported
Funding:	Not reported
Agreement/program:	State Site
Sitelist Name:	215 North King Street Construction Site, Tanks 1 & 2
Activity Type:	Format File Folder
Assignment Date:	7/13/2006
Activity Lead:	Laura Young
Assignment End Date:	7/13/2006
End fill:	7/13/2006
Result fill:	Complete
Overall Status:	Ongoing

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HONOLULU	1006820762	KAKAAKO BROWNFIELD PROJECT-UNIT 5	AHUI ST	96814	SHWS, FINDS, BROWNFIELDS
HONOLULU	1009269208	HAWAIIAN ELECTRIC COMPANY HONOLULU	170 ALA MOANA BLVD.	96813	ICIS
HONOLULU	S107023629	COOK STREET B/W ILALO & ALA MOANA	COOKE ST	96813	SPILLS
HONOLULU	1008172148	ALA MOANA WASTEWATER PUMP STA	HANA HWY, WAIHONU STREAM	96813	FINDS
HONOLULU	S106818064	KAKAAKO IMPROVEMENT DISTRICT 7	KAMAKEE ST		SHWS, BROWNFIELDS
HONOLULU	S106817591	HELEMANO SEWAGE PUMP STATION	KAMEHAMEHA HWY		SPILLS
HONOLULU	1003879112	ABC DSPL	2760 KAMEHAMEHA HWY	96819	CERC-NFRAP
HONOLULU	1006820337	ABC DISPOSAL COMPANY	2760 KAMEHAMEHA HWY	96819	SHWS, FINDS
HONOLULU	1006842904	OAHU TIRE SERVICE & CO.	2808 KAMEHAMEHA HWY	96819	FINDS, LUST
HONOLULU	1000146720	KAKAAKO SITE	KAWAIAHAO ST X EMILY ST	96813	LUST
HONOLULU	1006820763	KAKAAKO BROWNFIELD PROJECT-UNIT 4	KOULA ST	96814	SHWS, FINDS, BROWNFIELDS
HONOLULU	1006820765	KAKAAKO BROWNFIELD PROJECT-UNIT 2	KOULA ST	96814	SHWS, FINDS, BROWNFIELDS
HONOLULU	1006820767	KAKAAKO BROWNFIELD PROJECT-UNIT 1	KOULA ST	96814	SHWS, FINDS, BROWNFIELDS
HONOLULU	S108008473	861-869 NORTH NIMITZ HIGHWAY	861-869 N NIMITZ HWY	96817	SHWS
HONOLULU	S106819311	NIMITZ HIGHWAY WATER IMPROVEMENT P	N NIMITZ HWY	96817	SHWS
HONOLULU	S106821180	ZIPPY'S 580 NORTH NIMITZ HIGHWAY	550-580 N NIMITZ HWY	96817	SHWS, SPILLS
HONOLULU	S108008494	CITIZENS ENERGY SERVICES PIER 38	NIMITZ HWY.		SHWS
HONOLULU	1001086558	AMERICAN HAWAII CRUISES INDEPE	PIER 10 HONOLULU HARBOR	96813	FINDS, RCRA-LQG
HONOLULU	1004689061	NORWEGIAN STAR	PIER 1 CONTROL TOWER	96813	RCRA-SQG
HONOLULU	1009216870	PRIDE OF HAWAII IMO 9304057	PIER 10 11	96813	RCRA-SQG

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
P106	SODIUM CYANIDE
P106	SODIUM CYANIDE NA(CN)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 56

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/28/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

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: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 10/24/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 07/03/2006
Date Data Arrived at EDR: 07/19/2006
Date Made Active in Reports: 08/23/2006
Number of Days to Update: 35

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/18/2006
Next Scheduled EDR Contact: 01/15/2007
Data Release Frequency: Annually

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: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 09/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
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: 12/31/2005
Date Data Arrived at EDR: 08/10/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 90

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/18/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Varies

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: 07/10/2006
Date Data Arrived at EDR: 07/13/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Semi-Annually

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: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
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: 07/10/2006
Date Data Arrived at EDR: 07/21/2006
Date Made Active in Reports: 09/06/2006
Number of Days to Update: 47

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985	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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	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	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 07/14/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 07/14/2006	Source: EPA
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

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: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 11/07/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	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: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 11/10/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 02/05/2007
	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: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

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: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	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: 12/31/2003	Source: EPANTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/20/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

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: 07/24/2006	Source: Department of Health
Date Data Arrived at EDR: 07/27/2006	Telephone: 808-586-4249
Date Made Active in Reports: 08/30/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Semi-Annually

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: 10/24/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/11/2006
Date Data Arrived at EDR: 08/14/2006
Date Made Active in Reports: 08/30/2006
Number of Days to Update: 16

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 09/26/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Semi-Annually

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: 08/11/2006
Date Data Arrived at EDR: 08/14/2006
Date Made Active in Reports: 09/20/2006
Number of Days to Update: 37

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 09/26/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Semi-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: 07/24/2006
Date Data Arrived at EDR: 07/27/2006
Date Made Active in Reports: 08/30/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Varies

INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/24/2006
Date Data Arrived at EDR: 07/27/2006
Date Made Active in Reports: 08/30/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Varies

VCP: Voluntary Response Program Sites

Date of Government Version: 07/24/2006
Date Data Arrived at EDR: 07/27/2006
Date Made Active in Reports: 08/30/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Varies

DRYCLEANERS: Permitted Drycleaner Facility Listing

A listing of permitted drycleaner facilities in the state.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/13/2006
Number of Days to Update: 35

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Varies

BROWNFIELDS: Brownfields Sites

Date of Government Version: 07/24/2006
Date Data Arrived at EDR: 07/27/2006
Date Made Active in Reports: 08/30/2006
Number of Days to Update: 34

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: 12/18/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: List of Permitted Facilities

A listing of permitted facilities in the state.

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 10/13/2006
Number of Days to Update: 35

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 10/30/2006
Next Scheduled EDR Contact: 01/29/2007
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
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: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

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: 08/30/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/11/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
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: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

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: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

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

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 08/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 09/06/2006	Telephone: 303-312-6137
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 09/11/2006	Source: EPA Region 10
Date Data Arrived at EDR: 09/11/2006	Telephone: 206-553-2857
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/07/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 61

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 08/28/2006
Date Data Arrived at EDR: 08/29/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ALA MOANA PUMP STATION
240 KEAWE STREET
HONOLULU, HI 96813

TARGET PROPERTY COORDINATES

Latitude (North):	21.29750 - 21° 17' 51.0"
Longitude (West):	157.8632 - 157° 51' 47.5"
Universal Transverse Mercator:	Zone 4
UTM X (Meters):	617918.2
UTM Y (Meters):	2355359.5
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	21157-C7 HONOLULU, HI
Most Recent Revision:	Not reported

West Map:	21157-C8 PEARL HARBOR, HI
Most Recent Revision:	Not reported

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> HONOLULU, HI	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	1500010115C
Additional Panels in search area:	1500010120C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> HONOLULU	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

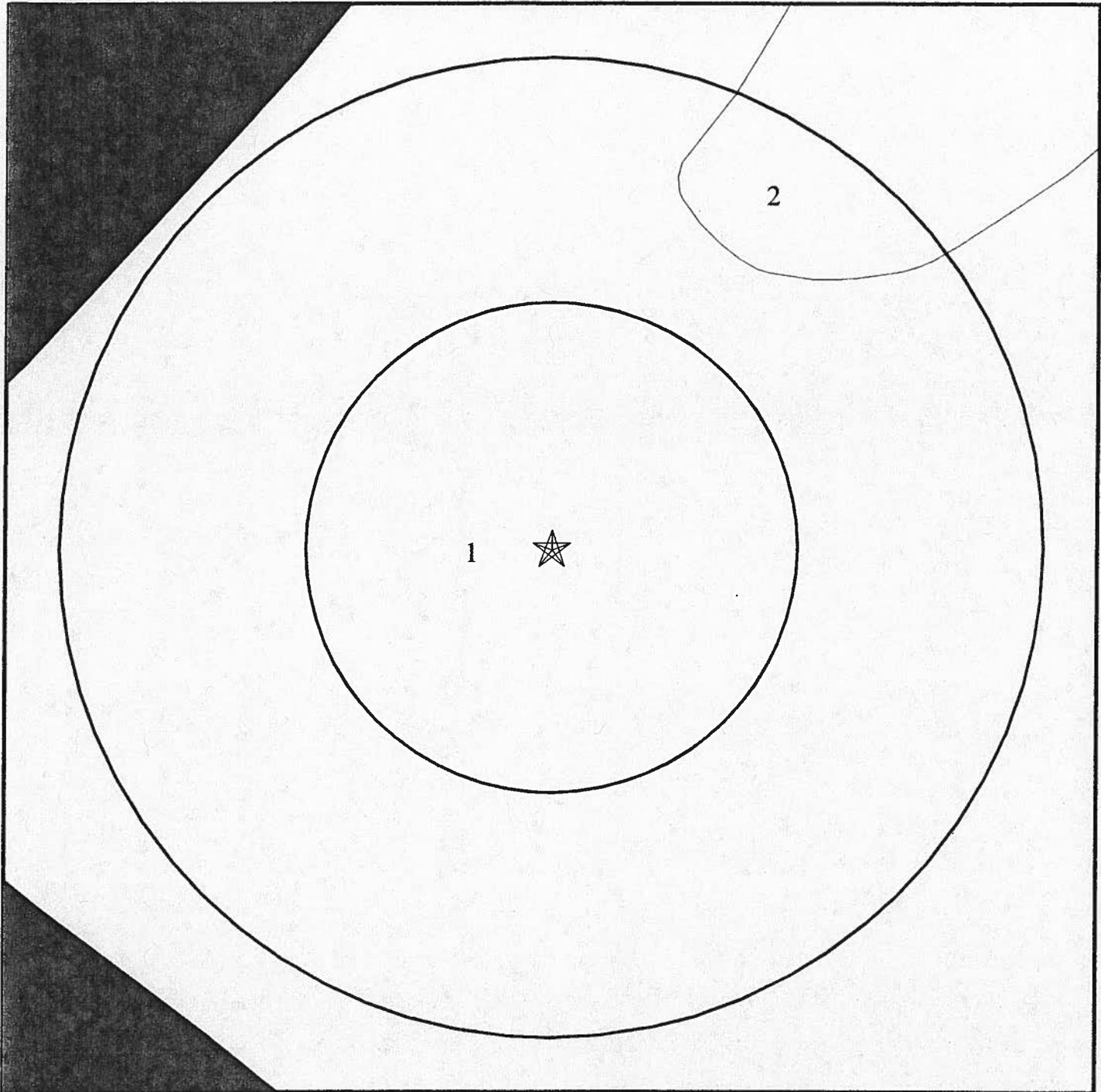
Era: -
System: -
Series: -
Code: N/A (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

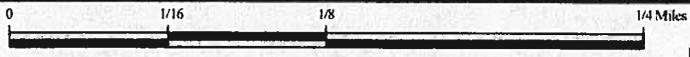
Category: -

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

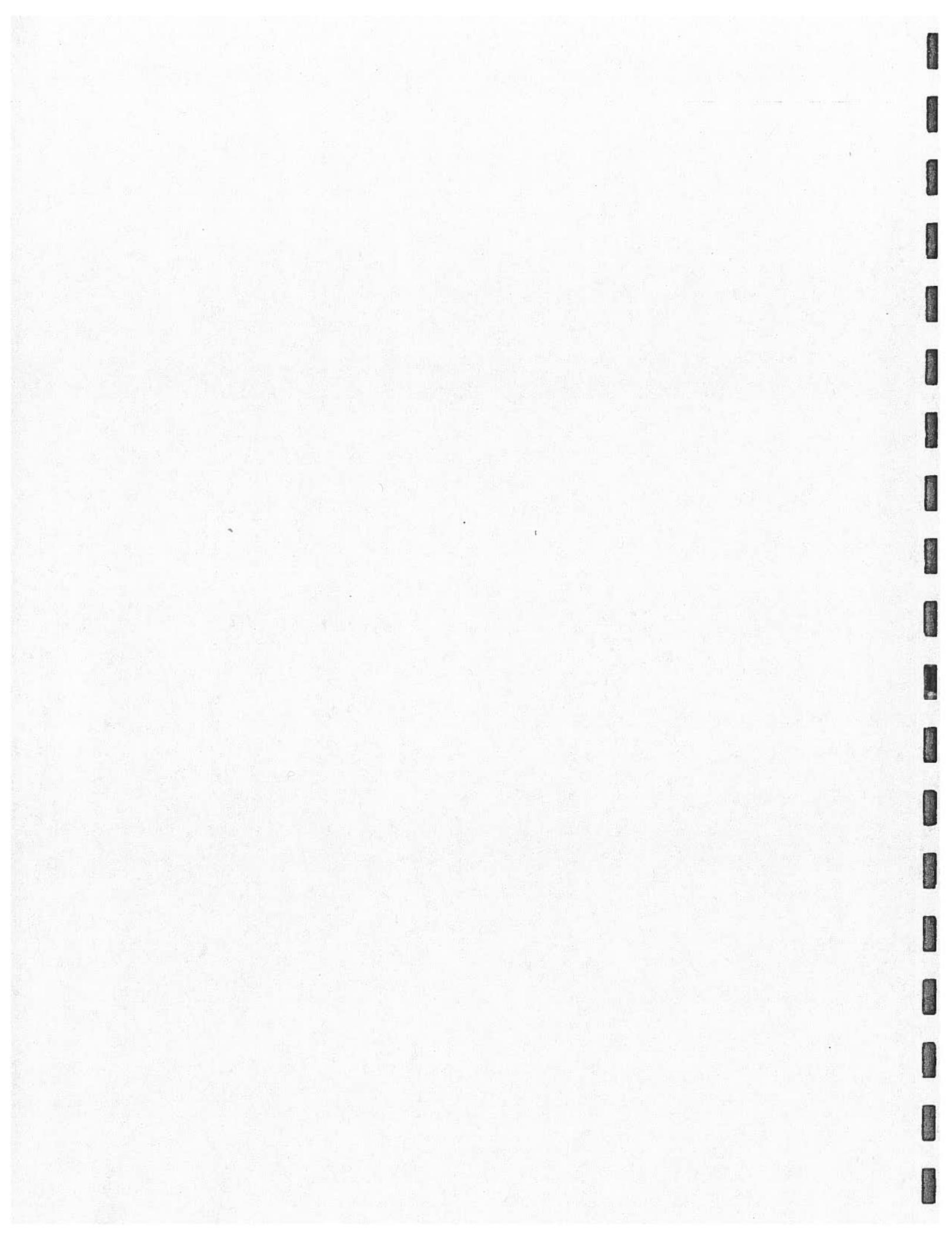
SSURGO SOIL MAP - 1794983.2s



- ★ Target Property
- ∕ SSURGO Soil
- ∕ Water



<p>SITE NAME: Ala Moana Pump Station ADDRESS: 240 Keawe Street Honolulu HI 96813 LAT/LONG: 21.2975 / 157.8632</p>	<p>CLIENT: Enviro Srvcs. and Trng. Center CONTACT: Tim Tybuszewski INQUIRY #: 1794983.2s DATE: November 10, 2006 7:47 pm</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: FILL LAND, MIXED

Soil Surface Texture: variable

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

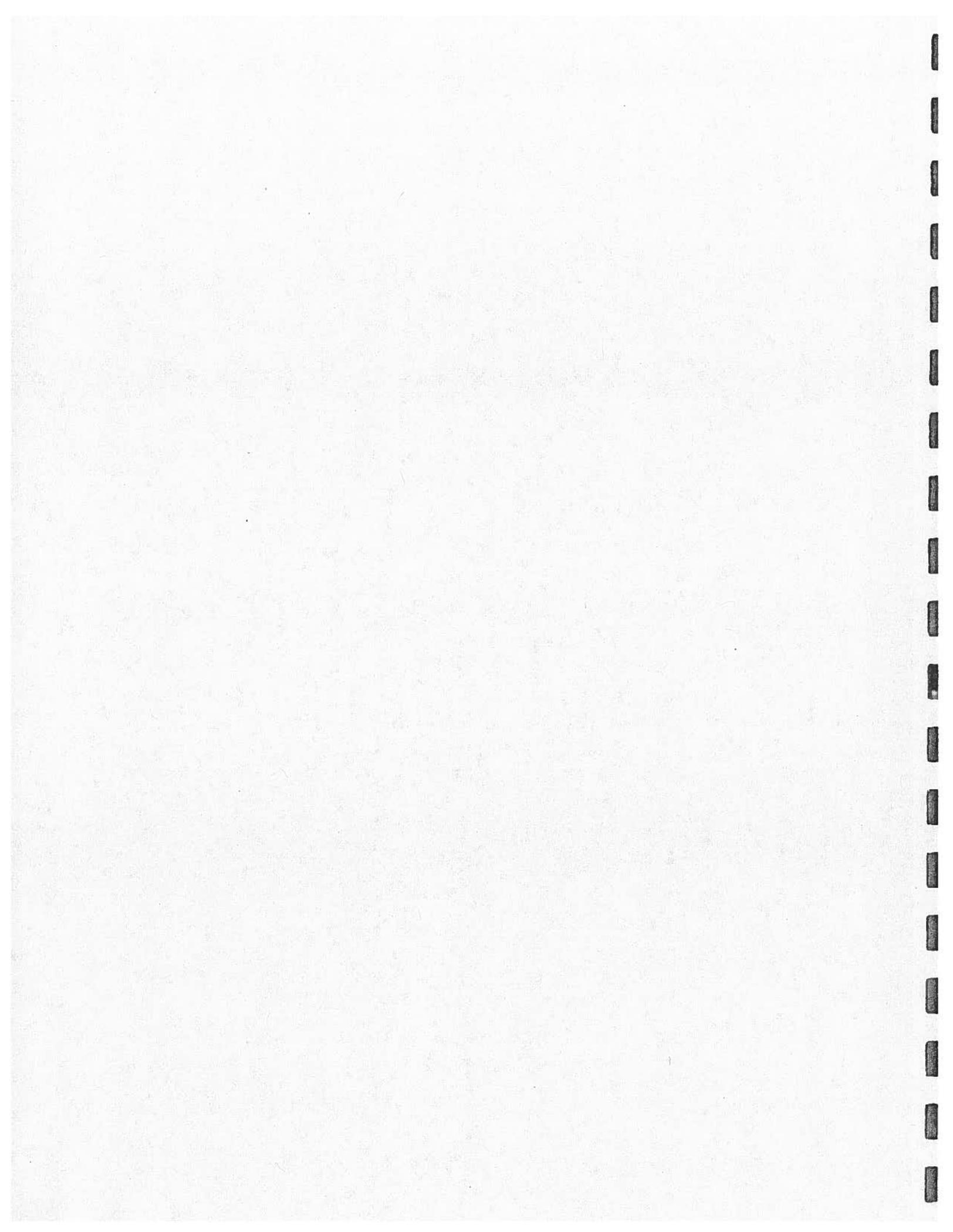
Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 40 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.10	Max: 7.30 Min: 6.10
2	6 inches	60 inches	stratified	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.10	Max: 7.30 Min: 6.10
3	60 inches	70 inches	unweathered bedrock	Not reported	Not reported	Max: 2.00 Min: 0.00	Max: 0.00 Min: 0.00



GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: EWA

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	8 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Solls.	Kaolinitic suffix for CL.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.60
2	8 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Solls.	Kaolinitic suffix for CL.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.60
3	29 inches	39 inches	unweathered bedrock	Not reported	Not reported	Max: 6.00 Min: 0.10	Max: 0.00 Min: 0.00

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
19	HI0000331	1/2 - 1 Mile NNE

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	HI10001697	1/8 - 1/4 Mile SSW
A2	HI10001696	1/8 - 1/4 Mile SW
3	HI10001717	1/4 - 1/2 Mile WNW
B4	HI10001757	1/4 - 1/2 Mile NNW
B5	HI10001759	1/4 - 1/2 Mile North
6	HI10001760	1/4 - 1/2 Mile NNE
C7	HI10001688	1/4 - 1/2 Mile SE
C8	HI10001689	1/4 - 1/2 Mile SE
9	HI10001673	1/4 - 1/2 Mile SSE
D10	HI10001789	1/4 - 1/2 Mile NNE
D11	HI10001784	1/4 - 1/2 Mile NE
12	HI10001765	1/4 - 1/2 Mile NE
13	HI10001799	1/4 - 1/2 Mile North
14	HI10001679	1/2 - 1 Mile SE
E15	HI10001818	1/2 - 1 Mile North
16	HI10001752	1/2 - 1 Mile ENE
F17	HI10001819	1/2 - 1 Mile North
G18	HI10001800	1/2 - 1 Mile NE
G20	HI10001805	1/2 - 1 Mile NNE
G21	HI10001802	1/2 - 1 Mile NNE
E22	HI10001824	1/2 - 1 Mile North
23	HI10001779	1/2 - 1 Mile ENE
H24	HI10001672	1/2 - 1 Mile SE
H25	HI10001674	1/2 - 1 Mile SE
I26	HI10001832	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

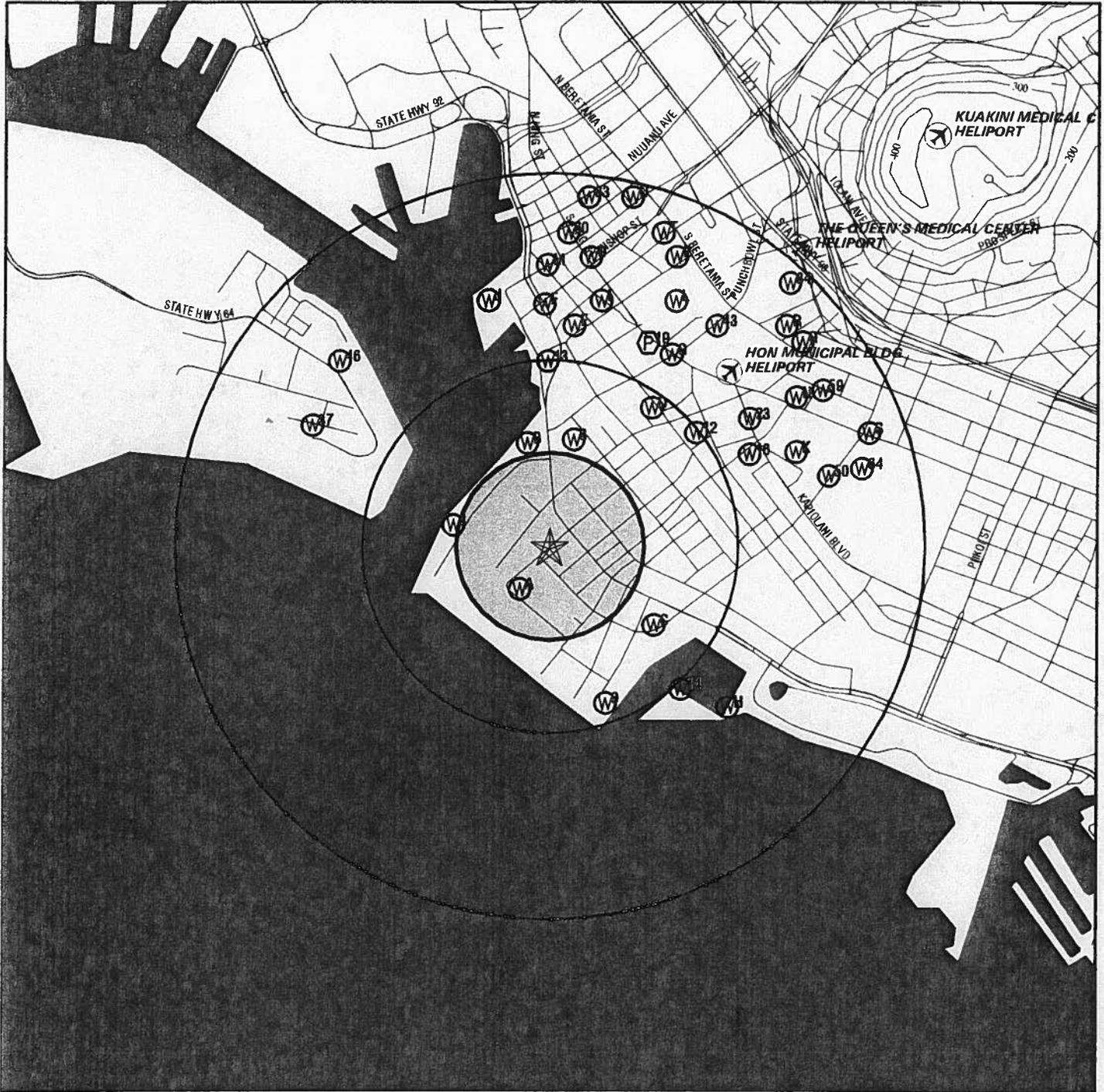
MAP ID	WELL ID	LOCATION FROM TP
I27	HI10001833	1/2 - 1 Mile NNE
F28	HI10001837	1/2 - 1 Mile North
F29	HI10001836	1/2 - 1 Mile North
F30	HI10001838	1/2 - 1 Mile North
J31	HI10001831	1/2 - 1 Mile NNW
I32	HI10001840	1/2 - 1 Mile NNE
I33	HI10001839	1/2 - 1 Mile NNE
K34	HI10001753	1/2 - 1 Mile ENE
J35	HI10001835	1/2 - 1 Mile NNW
K36	HI10001737	1/2 - 1 Mile ENE
37	HI10001769	1/2 - 1 Mile WNW
L38	HI10001828	1/2 - 1 Mile NNE
M39	HI10001848	1/2 - 1 Mile North
M40	HI10001849	1/2 - 1 Mile North
K41	HI10001770	1/2 - 1 Mile ENE
N42	HI10001785	1/2 - 1 Mile ENE
43	HI10001820	1/2 - 1 Mile NE
M44	HI10001851	1/2 - 1 Mile North
M45	HI10001850	1/2 - 1 Mile North
46	HI10001798	1/2 - 1 Mile NW
O47	HI10001853	1/2 - 1 Mile North
O48	HI10001852	1/2 - 1 Mile North
L49	HI10001843	1/2 - 1 Mile NNE
50	HI10001738	1/2 - 1 Mile ENE
M51	HI10001858	1/2 - 1 Mile North
O52	HI10001859	1/2 - 1 Mile North
O53	HI10001860	1/2 - 1 Mile NNE
N54	HI10001794	1/2 - 1 Mile ENE
M55	HI10001862	1/2 - 1 Mile North
P56	HI10001854	1/2 - 1 Mile NNE
O57	HI10001864	1/2 - 1 Mile North
Q58	HI10001801	1/2 - 1 Mile NE
59	HI10001792	1/2 - 1 Mile ENE
60	HI10001866	1/2 - 1 Mile North
P61	HI10001856	1/2 - 1 Mile NNE
R62	HI10001821	1/2 - 1 Mile NE
Q63	HI10001807	1/2 - 1 Mile NE
64	HI10001745	1/2 - 1 Mile ENE
R65	HI10001822	1/2 - 1 Mile NE
Q66	HI10001816	1/2 - 1 Mile NE
Q67	HI10001817	1/2 - 1 Mile NE
Q68	HI10001815	1/2 - 1 Mile NE
Q69	HI10001810	1/2 - 1 Mile NE
Q70	HI10001809	1/2 - 1 Mile NE
Q71	HI10001808	1/2 - 1 Mile NE
Q72	HI10001811	1/2 - 1 Mile NE
Q73	HI10001814	1/2 - 1 Mile NE
Q74	HI10001813	1/2 - 1 Mile NE
Q75	HI10001812	1/2 - 1 Mile NE
P76	HI10001865	1/2 - 1 Mile NNE
S77	HI10001771	1/2 - 1 Mile ENE
T78	HI10001867	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

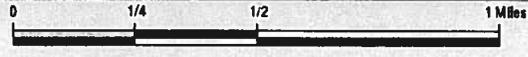
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
T79	HI10001869	1/2 - 1 Mile NNE
T80	HI10001868	1/2 - 1 Mile NNE
S81	HI10001761	1/2 - 1 Mile ENE
U82	HI10001873	1/2 - 1 Mile NNE
83	HI10001874	1/2 - 1 Mile North
84	HI10001846	1/2 - 1 Mile NE
U85	HI10001875	1/2 - 1 Mile NNE

PHYSICAL SETTING SOURCE MAP - 1794983.2s



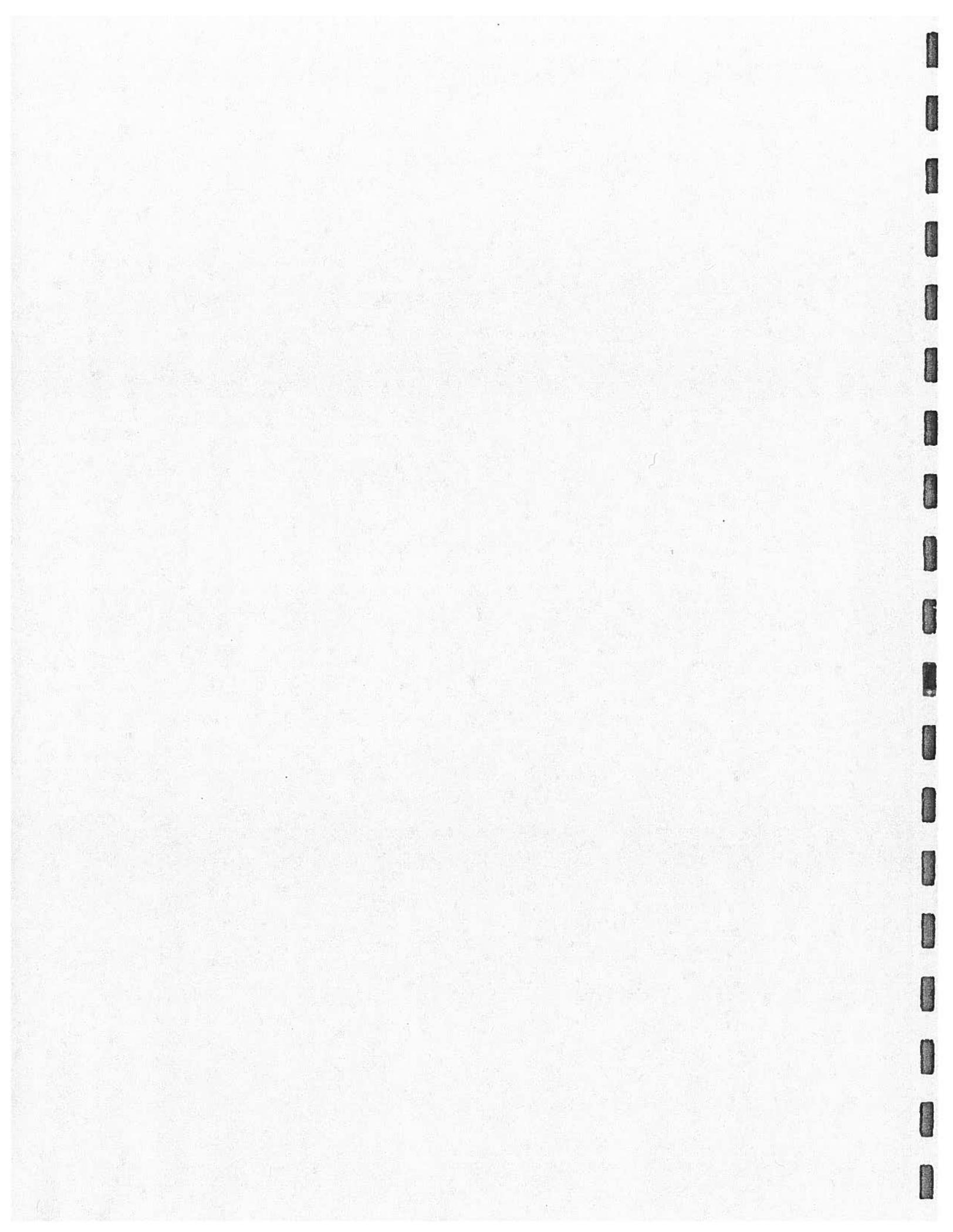
- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



<p>SITE NAME: Ala Moana Pump Station ADDRESS: 240 Keawe Street Honolulu HI 96813 LAT/LONG: 21.2975 / 157.8632</p>	<p>CLIENT: Enviro Svcs. and Trng. Center CONTACT: Tim Tybuszewski INQUIRY #: 1794983.2s DATE: November 10, 2006 7:47 pm</p>
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SSW
1/8 - 1/4 Mile
Higher

HI WELLS HI10001697

Wid:	3-1752-002	Island:	3
Well no:	1752-02	Well name:	Cooling 2
Old name:	Not Reported	Yr drilled:	2005
Driller:	WAT RES INTL	Quad map:	13
Latitude27:	211756	Longitude2:	1575201
Latitude83:	211745	Longitude8:	1575151
Gps:	1	Utm:	0
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	32
Ground el:	9	Well depth:	750
Solid case:	100	Perf case:	650
Use:	MUNCO	Use year:	05
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init ci:	18800		
Test date:	Not Reported	Test gpm:	5837
Test ddown:	2.6	Test chlor:	Not Reported
Test temp:	73.6	Temp unit:	F
Pump gpm:	3500		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Pls	Pump yr:	05
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-741	Bot solid:	-91
Bot perf:	-641	Spec capac:	Not Reported
Pump mgd:	5.04	Draft mgd:	Not Reported
Aquifer:	Not Reported	Trmk:	2-1-060:009
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	.2		
Cur head:	Not Reported	Cur ci:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	RYAN M SUZUKI
T:	0		
Pump elev:	-44	Pump depth:	48

A2
SW
1/8 - 1/4 Mile
Higher

HI WELLS HI10001696

Wid:	3-1752-001	Island:	3
Well no:	1752-01	Well name:	Cooling 1
Old name:	Not Reported	Yr drilled:	2005
Driller:	WAT RES INTL	Quad map:	13
Latitude27:	211756	Longitude2:	1575203
Latitude83:	211745	Longitude8:	1575153
Gps:	1	Utm:	0
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	32
Ground el:	8	Well depth:	750



GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	100	Perf case:	650
Use:	MUNCO	Use year:	05
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	18500		
Test date:	Not Reported	Test gpm:	7084
Test ddown:	4.8	Test chlor:	Not Reported
Test temp:	73.8	Temp unit:	F
Pump gpm:	3500		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Pls	Pump yr:	05
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-742	Bot solid:	-92
Bot perf:	-642	Spec capac:	Not Reported
Pump mgd:	5.04	Draft mgd:	Not Reported
Aquifer:	Not Reported	Tmk:	2-1-060:009
Old aqu:	Not Reported	Aqui code:	30102
Latest hd:	.1		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	RYAN M SUZUKI
T:	0		
Pump elev:	-44	Pump depth:	48

3
WNW
 1/4 - 1/2 Mile
 Higher

HI WELLS HI10001717

Wid:	3-1852-002	Island:	3
Well no:	1852-02	Well name:	Ft Armstrong
Old name:	Not Reported	Yr drilled:	1939
Driller:	MULLIN	Quad map:	13
Latitude27:	211805	Longitude2:	1575212
Latitude83:	211754	Longitude8:	1575202
Gps:	0	Utm:	1
Owner user:	State Of Haw	Old number:	93-1
Well type:	Not Reported	Casing dia:	8
Ground el:	Not Reported	Well depth:	102
Solid case:	40	Perf case:	Not Reported
Use:	UNU	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	14500		
Init cl:	14500		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rf	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-057:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**B4
NNW
1/4 - 1/2 Mile
Higher**

HI WELLS HI10001757

Wid:	3-1852-007	Island:	3
Well no:	1852-07	Well name:	Immigration Sta
Old name:	Not Reported	Yr drilled:	1955
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211816	Longitude2:	1575203
Latitude83:	211805	Longitude8:	1575153
Gps:	0	Utm:	1
Owner user:	State Of Haw	Old number:	93-2
Well type:	Not Reported	Casing dia:	10
Ground el:	8	Well depth:	95
Solid case:	28	Perf case:	Not Reported
Use:	Not Reported	Use year:	Not Reported
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	600
Test ddown:	3.1	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	00	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-87	Bot solid:	-20
Bot perf:	Not Reported	Spec capac:	194
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-028:003

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	Not Reported
Pump elev:	Not Reported		

B5
North
1/4 - 1/2 Mile
Higher

HI WELLS HI10001759

Wid:	3-1851-029	Island:	3
Well no:	1851-29	Well name:	Ala Moana Blvd
Old name:	Not Reported	Yr drilled:	1913
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211817	Longitude2:	1575159
Latitude83:	211806	Longitude8:	1575149
Gps:	0	Utm:	1
Owner user:	Interisnd Nv	Old number:	93-
Well type:	Not Reported	Casing dia:	12
Ground el:	7	Well depth:	1009
Solid case:	911	Perf case:	Not Reported
Use:	ABNSLD	Use year:	38
Init water:	30.2		
Init head:	30.2		
Init chlor:	103		
Init cl:	103		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	6	Head feet:	25.4
Max chlor:	216	Min chlor:	103
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-1002	Bot solid:	-904
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	0.0
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	25.4		
Cur head:	Not Reported	Cur ci:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

6
NNE
1/4 - 1/2 Mile
Higher

HI WELLS HI10001760

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-017	Island:	3
Well no:	1851-17	Well name:	Pohukaina
Old name:	Not Reported	Yr drilled:	1900
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211817	Longitude2:	1575154
Latitude83:	211806	Longitude8:	1575144
Gps:	0	Utm:	1
Owner user:	Hon Iron Works	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	8
Ground el:	5	Well depth:	1007
Solid case:	803	Perf case:	Not Reported
Use:	ABNSLD	Use year:	40
Init water:	27.8		
Init head:	27.8		
Init chlor:	98		
Init cl:	98		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	28.4
Max chlor:	190	Min chlor:	98
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-1002	Bot solid:	-798
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	28.4		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**C7
SE
1/4 - 1/2 Mile
Higher**

HI WELLS HI10001688

Wid:	3-1751-001	Island:	3
Well no:	1751-01	Well name:	Ala Moana
Old name:	Not Reported	Yr drilled:	1939
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211751	Longitude2:	1575142
Latitude83:	211740	Longitude8:	1575132
Gps:	0	Utm:	1
Owner user:	Haw Tuna Pack	Old number:	92-1
Well type:	Not Reported	Casing dia:	12
Ground el:	Not Reported	Well depth:	142

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	7	Perf case:	Not Reported
Use:	INDOTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	16100		
Init cl:	16100		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	700		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	00	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	1.008	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-058:002
Old aqu:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**C8
SE
1/4 - 1/2 Mile
Higher**

HI WELLS HI10001689

Wid:	3-1751-002	Island:	3
Well no:	1751-02	Well name:	Ala Moana
Old name:	Not Reported	Yr drilled:	1949
Driller:	MULLIN	Quad map:	13
Latitude27:	211751	Longitude2:	1575142
Latitude83:	211740	Longitude8:	1575132
Gps:	0	Utm:	1
Owner user:	Haw Tuna Pack	Old number:	92-2
Well type:	Not Reported	Casing dia:	12
Ground el:	Not Reported	Well depth:	150
Solid case:	62	Perf case:	Not Reported
Use:	IND	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	15700		
Init cl:	15700		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	1400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	00	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	2.016	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-058:002
Old aqul:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

9
SSE
 1/4 - 1/2 Mile
 Higher

HI WELLS HI10001673

Wid:	3-1751-006	Island:	3
Well no:	1751-06	Well name:	Kewalo PBRC
Old name:	Not Reported	Yr drilled:	1970
Driller:	ROSCOE MOSS	Quad map:	13
Latitude27:	211740	Longitude2:	1575149
Latitude83:	211729	Longitude8:	1575139
Gps:	0	Utm:	1
Owner user:	U Of Hawaii	Old number:	Not Reported
Well type:	PER	Casing dia:	14
Ground el:	5	Well depth:	151
Solid case:	46	Perf case:	Not Reported
Use:	DIS	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init ci:	0		
Test date:	Not Reported	Test gpm:	179
Test ddown:	8.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-146	Bot solid:	-41
Bot perf:	Not Reported	Spec capac:	22
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-060:001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported	Pump depth:	Not Reported
T:	0		
Pump elev:	Not Reported		

D10
NNE
 1/4 - 1/2 Mile
 Higher

HI WELLS HI10001789

Wid:	3-1851-018	Island:	3
Well no:	1851-18	Well name:	American Brewery
Old name:	Not Reported	Yr drilled:	1900
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211822	Longitude2:	1575144
Latitude83:	211811	Longitude8:	1575134
Gps:	0	Utm:	1
Owner user:	Haw Comm Dev	Old number:	95-
Well type:	Not Reported	Casing dia:	8
Ground el:	8	Well depth:	806
Solid case:	774	Perf case:	Not Reported
Use:	ABNSLD	Use year:	94
Init water:	27.7		
Init head:	27.7		
Init chlor:	89		
Init cl:	89		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	26.5
Max chlor:	89	Min chlor:	60
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-798	Bot solid:	-766
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-031:021
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.5		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

D11
NE
 1/4 - 1/2 Mile
 Higher

HI WELLS HI10001784

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-065	Island:	3
Well no:	1851-65	Well name:	Queen St
Old name:	Not Reported	Yr drilled:	1967
Driller:	ROSCOE MOSS	Quad map:	13
Latitude27:	211821	Longitude2:	1575141
Latitude83:	211810	Longitude8:	1575131
Gps:	0	Utm:	1
Owner user:	K&Y Service	Old number:	95-1
Well type:	PER	Casing dia:	8
Ground el:	7	Well depth:	80
Solid case:	12	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	1.5		
Init head:	1.5		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	275
Test ddown:	0.7	Test chlor:	2100
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-73	Bot solid:	-5
Bot perf:	Not Reported	Spec capac:	393
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

12
NE
1/4 - 1/2 Mile
Higher

HI WELLS HI10001765

Wid:	3-1851-021	Island:	3
Well no:	1851-21	Well name:	Kawalahao St
Old name:	Not Reported	Yr drilled:	1901
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211818	Longitude2:	1575136
Latitude83:	211807	Longitude8:	1575126
Gps:	0	Utm:	1
Owner user:	Magoon Estate	Old number:	92-
Well type:	Not Reported	Casing dia:	8
Ground el:	4	Well depth:	791

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	614	Perf case:	Not Reported
Use:	ABNSLD	Use year:	90
Init water:	29.1		
Init head:	29.1		
Init chlor:	90		
Init cl:	90		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	22.2
Max chlor:	350	Min chlor:	40
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	76	Head yr:	89
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-787	Bot solid:	-610
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-048:018
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	22.16		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

13
North
1/4 - 1/2 Mile
Higher

HI WELLS HI10001799

Wid:	3-1851-022	Island:	3
Well no:	1851-22	Well name:	Aia Moana Blvd
Old name:	Not Reported	Yr drilled:	1901
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211828	Longitude2:	1575158
Latitude83:	211817	Longitude8:	1575148
Gps:	0	Utrn:	1
Owner user:	U S G S	Old number:	101-
Well type:	Not Reported	Casing dia:	8
Ground el:	4	Well depth:	1152
Solid case:	1125	Perf case:	Not Reported
Use:	OBS	Use year:	82
Init water:	22.5		
Init head:	22.5		
Init chlor:	194		
Init cl:	194		
Test date:	Not Reported	Test gpm:	38
Test ddown:	6.2	Test chlor:	Not Reported
Test temp:	22.8	Temp unit:	C
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	219	Head feet:	17.0
Max chlor:	7650	Min chlor:	113
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-1148	Bot solid:	-1121
Bot perf:	Not Reported	Spec capac:	6
Pump mgd:	Not Reported	Draft mgd:	0.6
Aquifer:	30102	Tmk:	2-1-001:061
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	17		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

14
SE
1/2 - 1 Mile
Higher

HI WELLS HI10001679

Wid:	3-1751-003	Island:	3
Well no:	1751-03	Well name:	Ala Moana
Old name:	Not Reported	Yr drilled:	1959
Driller:	SAMSON-SMOCK	Quad map:	13
Latitude27:	211742	Longitude2:	1575138
Latitude83:	211731	Longitude8:	1575128
Gps:	0	Utm:	1
Owner user:	State Of Haw	Old number:	92-3
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	92
Solid case:	79	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0	Test gpm:	Not Reported
Init chlor:	18000	Test chlor:	Not Reported
Init cl:	18000	Temp unit:	Not Reported
Test date:	Not Reported		
Test ddown:	Not Reported	Head feet:	Not Reported
Test temp:	Not Reported	Min chlor:	Not Reported
Pump gpm:	0	Pump yr:	Not Reported
Draft mgy:	Not Reported	Head yr:	Not Reported
Max chlor:	Not Reported	Maxchl yr:	0
Geology:	Not Reported	Minchl yr:	0
Draft yr:	00	Bot solid:	Not Reported
Maxchl:	Not Reported	Spec capac:	Not Reported
Minchl:	Not Reported	Draft mgd:	Not Reported
Bot hole:	Not Reported	Tmk:	2-1-058:064
Bot perf:	Not Reported		
Pump mgd:	Not Reported		
Aquifer:	30102		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	Not Reported
Pump elev:	Not Reported		

E15
North
1/2 - 1 Mile
Higher

HI WELLS HI10001818

Wid:	3-1851-019	Island:	3
Well no:	1851-19	Well name:	Halekauwila St
Old name:	Not Reported	Yr drilled:	1900
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211832	Longitude2:	1575155
Latitude83:	211821	Longitude8:	1575145
Gps:	0	Utm:	1
Owner user:	Heco	Old number:	102-
Well type:	Not Reported	Casing dia:	1
Ground el:	6	Well depth:	1053
Solid case:	1043	Perf case:	Not Reported
Use:	OBS	Use year:	74
Init water:	27.2		
Init head:	27.2		
Init chlor:	67		
Init cl:	67		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	11.7
Max chlor:	6120	Min chlor:	210
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-1047	Bot solid:	-1037
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-016:015
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	11.7		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

16
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001752

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-026	Island:	3
Well no:	1851-26	Well name:	Kapioiani Blvd
Old name:	Not Reported	Yr drilled:	1910
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211815	Longitude2:	1575128
Latitude83:	211804	Longitude8:	1575118
Gps:	0	Utm:	1
Owner user:	Bus Invest Ltd	Old number:	89-
Well type:	Not Reported	Casing dia:	8
Ground el:	6	Well depth:	725
Solid case:	659	Perf case:	Not Reported
Use:	ABNSLD	Use year:	90
Init water:	27.8		
Init head:	27.8		
Init chlor:	95		
Init cl:	95		
Test date:	Not Reported	Test gpm:	800
Test ddown:	6.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	28.3
Max chlor:	116	Min chlor:	40
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-719	Bot sold:	-653
Bot perf:	Not Reported	Spec capac:	133
Pump mgd:	Not Reported	Draft mgd:	0.1
Aquifer:	30102	Tmk:	2-1-049:053
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	28.3		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**F17
North
1/2 - 1 Mile
Higher**

HI WELLS HI10001819

Wid:	3-1852-006	Island:	3
Well no:	1852-06	Well name:	Ala Moana Blvd
Old name:	Not Reported	Yr drilled:	1953
Driller:	SAMSON-SMOCK	Quad map:	13
Latitude27:	211833	Longitude2:	1575200
Latitude83:	211822	Longitude8:	1575150
Gps:	0	Utm:	1
Owner user:	Heco	Old number:	102-1
Well type:	Not Reported	Casing dia:	24
Ground el:	Not Reported	Well depth:	94

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	Not Reported	Perf case:	Not Reported
Use:	UNU	Use year:	89
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-016:015
Old aqu:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

G18
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001800

Wid:	3-1851-073	Island:	3
Well no:	1851-73	Well name:	Kawaiahao Church
Old name:	Not Reported	Yr drilled:	1986
Driller:	WAT RES INTL	Quad map:	13
Latitude27:	211828	Longitude2:	1575139
Latitude83:	211817	Longitude8:	1575129
Gps:	0	Utm:	1
Owner user:	Kawaiahao Ch	Old number:	Not Reported
Well type:	ROT	Casing dia:	9
Ground el:	13	Well depth:	777
Solid case:	709	Perf case:	Not Reported
Use:	IRRLA	Use year:	87
Init water:	19.2		
Init head:	19.17		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	102
Test ddown:	6.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	62
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	87
Minchl:	Not Reported	Minchi yr:	87
Bot hole:	-764	Bot sold:	-696
Bot perf:	Not Reported	Spec capac:	17
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-032:017
Old aqul:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

19
NNE
1/2 - 1 Mile
Higher

FRDS PWS HI0000331

PWS ID:	HI0000331	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	HONOLULU-WINDWARD-PEARL HARBOR 630 S BERETANIA STREET 630 SOUTH BERETANIA HONOLULU, OANU, HI 96843		

Source: Ground water

Treatment Objective: DISINFECTION
Treatment Objective: DISINFECTION

Process: GASEOUS CHLORINATION, POST
Process: CHLORINATION (FRDS-1.5)

Addressee / Facility:	System Owner/Responsible Party MR. KAZU HAYASHIDA BOARD OF WATER SUPPLY 630 SOUTH BERETANIA STREET HONOLULU, HI 96843
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Facility Latitude: 21 12 17.0000	Facility Longitude: 157 48 58.0000
Facility Latitude: 21 16 13.0000	Facility Longitude: 157 49 47.0000
Facility Latitude: 21 17 7.0000	Facility Longitude: 157 46 17.0000
Facility Latitude: 21 17 13.0000	Facility Longitude: 157 46 53.0000
Facility Latitude: 21 17 19.0000	Facility Longitude: 157 47 36.0000
Facility Latitude: 21 17 27.0000	Facility Longitude: 157 48 58.0000
Facility Latitude: 21 17 53.0000	Facility Longitude: 157 45 19.0000
Facility Latitude: 21 18 13.0000	Facility Longitude: 157 49 47.0000
Facility Latitude: 21 18 31.0000	Facility Longitude: 157 51 20.0000
Facility Latitude: 21 18 31.0000	Facility Longitude: 157 51 43.0000
Facility Latitude: 21 18 33.0000	Facility Longitude: 157 51 23.0000
Facility Latitude: 21 18 37.0000	Facility Longitude: 157 47 29.0000
Facility Latitude: 21 19 36.0000	Facility Longitude: 157 46 27.0000
Facility Latitude: 21 19 53.0000	Facility Longitude: 157 52 27.0000
Facility Latitude: 21 19 58.0000	Facility Longitude: 157 43 58.0000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude:	21 19 59.0000	Facility Longitude:	157 47 33.0000
Facility Latitude:	21 19 59.0000	Facility Longitude:	157 48 18.0000
Facility Latitude:	21 20 2.0000	Facility Longitude:	157 52 8.0000
Facility Latitude:	21 20 7.0000	Facility Longitude:	157 44 44.0000
Facility Latitude:	21 20 11.0000	Facility Longitude:	157 45 12.0000
Facility Latitude:	21 20 12.0000	Facility Longitude:	157 44 55.0000
Facility Latitude:	21 20 14.0000	Facility Longitude:	157 45 1.0000
Facility Latitude:	21 20 52.0000	Facility Longitude:	157 52 36.0000
Facility Latitude:	21 21 16.0000	Facility Longitude:	157 49 14.0000
Facility Latitude:	21 21 17.0000	Facility Longitude:	157 48 40.0000
Facility Latitude:	21 21 19.0000	Facility Longitude:	157 53 54.0000
Facility Latitude:	21 21 20.0000	Facility Longitude:	157 53 54.0000
Facility Latitude:	21 21 20.0000	Facility Longitude:	157 53 55.0000
Facility Latitude:	21 21 27.0000	Facility Longitude:	157 49 5.0000
Facility Latitude:	21 21 52.0000	Facility Longitude:	157 48 11.0000
Facility Latitude:	21 22 14.0000	Facility Longitude:	157 50 11.0000
Facility Latitude:	21 22 28.0000	Facility Longitude:	157 49 49.0000
Facility Latitude:	21 22 35.0000	Facility Longitude:	157 49 55.0000
Facility Latitude:	21 22 56.0000	Facility Longitude:	157 49 35.0000
Facility Latitude:	21 22 57.0000	Facility Longitude:	157 55 14.0000
Facility Latitude:	21 22 58.0000	Facility Longitude:	157 49 35.0000
Facility Latitude:	21 23 5.0000	Facility Longitude:	157 48 31.0000
Facility Latitude:	21 23 5.0000	Facility Longitude:	157 54 26.0000
Facility Latitude:	21 23 13.0000	Facility Longitude:	127 55 35.0000
Facility Latitude:	21 23 13.0000	Facility Longitude:	157 55 35.0000
Facility Latitude:	21 23 20.0000	Facility Longitude:	157 56 3.0000
Facility Latitude:	21 23 22.0000	Facility Longitude:	157 48 52.0000
Facility Latitude:	21 23 22.0000	Facility Longitude:	157 55 3.0000
Facility Latitude:	21 23 27.0000	Facility Longitude:	157 56 43.0000
Facility Latitude:	21 23 27.0000	Facility Longitude:	157 56 47.0000
Facility Latitude:	21 23 37.0000	Facility Longitude:	157 55 53.0000
Facility Latitude:	21 23 37.0000	Facility Longitude:	157 57 25.0000
Facility Latitude:	21 23 37.0000	Facility Longitude:	157 57 27.0000
Facility Latitude:	21 23 38.0000	Facility Longitude:	157 55 54.0000
Facility Latitude:	21 23 38.0000	Facility Longitude:	157 55 55.0000
Facility Latitude:	21 23 38.0000	Facility Longitude:	157 56 49.0000
Facility Latitude:	21 23 39.0000	Facility Longitude:	157 55 53.0000
Facility Latitude:	21 23 39.0000	Facility Longitude:	157 55 54.0000
Facility Latitude:	21 23 39.0000	Facility Longitude:	157 55 55.0000
Facility Latitude:	21 23 42.0000	Facility Longitude:	157 49 9.0000
Facility Latitude:	21 23 42.0000	Facility Longitude:	157 56 47.0000
Facility Latitude:	21 23 48.0000	Facility Longitude:	157 56 22.0000
Facility Latitude:	21 23 49.0000	Facility Longitude:	157 56 22.0000
Facility Latitude:	21 24 7.0000	Facility Longitude:	157 58 25.0000
Facility Latitude:	21 24 10.0000	Facility Longitude:	157 56 45.0000
Facility Latitude:	21 24 11.0000	Facility Longitude:	157 56 46.0000
Facility Latitude:	21 24 12.0000	Facility Longitude:	157 56 47.0000
Facility Latitude:	21 24 12.0000	Facility Longitude:	158 57 23.0000
Facility Latitude:	21 24 13.0000	Facility Longitude:	157 58 12.0000
Facility Latitude:	21 24 13.0000	Facility Longitude:	158 57 24.0000
Facility Latitude:	21 24 14.0000	Facility Longitude:	157 57 6.0000
Facility Latitude:	21 24 14.0000	Facility Longitude:	158 57 25.0000
Facility Latitude:	21 24 35.0000	Facility Longitude:	157 50 2.0000
Facility Latitude:	21 24 37.0000	Facility Longitude:	157 50 8.0000
Facility Latitude:	21 24 39.0000	Facility Longitude:	157 57 59.0000
Facility Latitude:	21 25 7.0000	Facility Longitude:	157 49 41.0000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility Latitude: 21 25 53.0000	Facility Longitude: 157 57 31.0000
Facility Latitude: 21 26 16.0000	Facility Longitude: 157 51 23.0000
Facility Latitude: 21 26 16.0000	Facility Longitude: 157 51 32.0000
Facility Latitude: 21 26 39.0000	Facility Longitude: 157 52 12.0000
Facility Latitude: 21 26 58.0000	Facility Longitude: 157 51 40.0000
Facility Latitude: 21 27 2.0000	Facility Longitude: 157 51 41.0000
Facility Latitude: 21 27 3.0000	Facility Longitude: 157 51 38.0000
Facility Latitude: 21 33 14.0000	Facility Longitude: 157 53 8.0000
Facility Latitude: 21 33 15.0000	Facility Longitude: 157 53 11.0000
Facility Latitude: 21 34 39.0000	Facility Longitude: 157 53 47.0000
Facility Latitude: 21 34 41.0000	Facility Longitude: 157 49 17.0000
Facility Latitude: 21 34 41.0000	Facility Longitude: 157 53 44.0000
Facility Latitude: 21 34 50.0000	Facility Longitude: 157 53 12.0000
Facility Latitude: 21 35 17.0000	Facility Longitude: 157 53 46.0000
Facility Latitude: 21 35 17.0000	Facility Longitude: 157 53 49.0000
Facility Latitude: 21 35 22.0000	Facility Longitude: 157 53 53.0000
Facility Latitude: 21 35 27.0000	Facility Longitude: 157 53 59.0000
Facility Latitude: 21 36 39.0000	Facility Longitude: 157 52 12.0000
City Served: AIEA	
City Served: HONO-WINDW-PEAR	
City Served: HONOLULU	
City Served: KAILUA	
City Served: KANEOHE	
City Served: PEARL CITY	
Treatment Class: Mixed (treated and untreated)	Population: 645741

PWS currently has or had major violation(s) or enforcement: No

G20
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001805

Wid: 3-1851-003	Island: 3	
Well no: 1851-03	Well name: King St	
Old name: Not Reported	Yr drilled: 1882	
Driller: Not Reported	Quad map: 13	
Latitude27: 211830	Longitude2: 1575141	
Latitude83: 211819	Longitude8: 1575131	
Gps: 0	Utm: 1	
Owner user: State Of Haw	Old number: 97-	
Well type: Not Reported	Casing dia: 5	
Ground el: 14	Well depth: 769	
Solid case: 715	Perf case: Not Reported	
Use: ABNSLD	Use year: 77	
Init water: 30.8		
Init head: 30.8		
Init chlor: 55		
Init cl: 55		
Test date: Not Reported	Test gpm: Not Reported	
Test ddown: Not Reported	Test chlor: Not Reported	
Test temp: Not Reported	Temp unit: Not Reported	
Pump gpm: 0		
Draft mgy: 36	Head feet: 24.8	
Max chlor: 55	Min chlor: 44	
Geology: Tkb	Pump yr: Not Reported	
Draft yr: Not Reported	Head yr: Not Reported	
Maxchl: Not Reported	Maxchl yr: 0	
Minchl: Not Reported	Minchl yr: 0	
Bot hole: -755	Bot solid: -701	
Bot perf: Not Reported	Spec capac: Not Reported	
Pump mgd: Not Reported	Draft mgd: 0.1	
Aquifer: 30102	Trmk: 2-1-025:003	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	24.8		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

G21
NNE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001802

Wid:	3-1851-009	Island:	3
Well no:	1851-09	Well name:	Kawaihao Ch
Old name:	Not Reported	Yr drilled:	1893
Driller:	PINKHAM	Quad map:	13
Latitude27:	211829	Longitude2:	1575139
Latitude83:	211818	Longitude8:	1575129
Gps:	0	Utm:	1
Owner user:	Kawahao Ch	Old number:	96-
Well type:	Not Reported	Casing dia:	4
Ground el:	14	Well depth:	765
Solid case:	715	Perf case:	Not Reported
Use:	ABDSL	Use year:	87
Init water:	26.1		
Init head:	26.1		
Init chlor:	52		
Init cl:	52		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	100		
Draft mgy:	1	Head feet:	24.7
Max chlor:	80	Min chlor:	43
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-751	Bot solid:	-701
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	.144	Draft mgd:	0.0
Aquifer:	30102	Trmk:	2-1-032:017
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	24.7		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

E22
North
 1/2 - 1 Mile
 Higher

HI WELLS HI10001824

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-027	Island:	3
Well no:	1851-27	Well name:	Queen St
Old name:	Not Reported	Yr drilled:	1910
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211834	Longitude2:	1575153
Latitude83:	211823	Longitude8:	1575143
Gps:	0	Utm:	1
Owner user:	Heco	Old number:	103-
Well type:	Not Reported	Casing dia:	12
Ground el:	2	Well depth:	1145
Solid case:	805	Perf case:	Not Reported
Use:	ABNSLD	Use year:	63
Init water:	27.2		
Init head:	27.2		
Init chlor:	55		
Init cl:	55		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	28.0
Max chlor:	141	Min chlor:	55
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-1143	Bot solid:	-803
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	28		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

23
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001779

Wid:	3-1851-014	Island:	3
Well no:	1851-14	Well name:	Kapiolani Blvd
Old name:	Not Reported	Yr drilled:	1897
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211820	Longitude2:	1575128
Latitude83:	211809	Longitude8:	1575118
Gps:	0	Utm:	1
Owner user:	C&C Honolulu	Old number:	91-
Well type:	Not Reported	Casing dia:	6
Ground el:	9	Well depth:	691

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	650	Perf case:	Not Reported
Use:	ABNSLD	Use year:	40
Init water:	24.9		
Init head:	24.9		
Init chlor:	80		
Init cl:	80		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	29.5
Max chlor:	80	Min chlor:	73
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-682	Bot solid:	-641
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	29.5		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

H24
SE
1/2 - 1 Mile
Higher

HI WELLS HI10001672

Wid:	3-1751-008	Island:	3
Well no:	1751-08	Well name:	Kewalo-KBMMML
Old name:	Not Reported	Yr drilled:	2001
Driller:	BEYLIK DRLG	Quad map:	13
Latitude27:	211739	Longitude2:	1575132
Latitude83:	211728	Longitude8:	1575122
Gps:	0	Utm:	1
Owner user:	U of Hawaii	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	Not Reported	Well depth:	101
Solid case:	60	Perf case:	100
Use:	AGRAQ	Use year:	01
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	1000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	01
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot sold:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	1.44	Draft mgd:	Not Reported
Aquifer:	Not Reported	Tmk:	2-1-058:060
Old aqui:	Not Reported	Aquil code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	43

**H25
SE
1/2 - 1 Mile
Higher**

HI WELLS HI10001674

Wid:	3-1751-005	Island:	3
Well no:	1751-05	Well name:	KBMML
Old name:	Not Reported	Yr drilled:	1968
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211740	Longitude2:	1575130
Latitude83:	211729	Longitude8:	1575120
Gps:	0	Utm:	1
Owner user:	U Of Hawaii	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	Not Reported
Ground el:	Not Reported	Well depth:	Not Reported
Solid case:	Not Reported	Perf case:	Not Reported
Use:	AGROTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	600
Test ddown:	Not Reported	Test chlor:	17070
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	1000		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rf	Pump yr:	01
Draft yr:	00	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot sold:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	1.44	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-058:060

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	63
Pump elev:	Not Reported		

I26
NNE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001832

Wid:	3-1851-045	Island:	3
Well no:	1851-45	Well name:	Merchant&Richard
Old name:	Not Reported	Yr drilled:	1939
Driller:	MULLIN	Quad map:	13
Latitude27:	211836	Longitude2:	1575150
Latitude83:	211825	Longitude8:	1575140
Gps:	0	Utm:	1
Owner user:	Not Reported	Old number:	103-1A
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	80
Solid case:	21	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	1040		
Init cl:	1040		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

I27
NNE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001833

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-046	Island:	3
Well no:	1851-46	Well name:	Merchant&Richard
Old name:	Not Reported	Yr drilled:	1939
Driller:	MULLIN	Quad map:	13
Latitude27:	211836	Longitude2:	1575150
Latitude83:	211825	Longitude8:	1575140
Gps:	0	Utm:	1
Owner user:	Not Reported	Old number:	103-1B
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	75
Solid case:	8	Perf case:	Not Reported
Use:	UNU	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init ci:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur ci:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

F28
North
1/2 - 1 Mile
Higher

HI WELLS HI10001837

Wid:	3-1851-069	Island:	3
Well no:	1851-69	Well name:	Bishop St
Old name:	Not Reported	Yr drilled:	1968
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211837	Longitude2:	1575158
Latitude83:	211826	Longitude8:	1575148
Gps:	0	Utm:	1
Owner user:	Duesenburg Inv Co	Old number:	90-8B
Well type:	Not Reported	Casing dia:	24
Ground el:	7	Well depth:	40

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	9	Perf case:	Not Reported
Use:	INDEL	Use year:	74
Init water:	0.3		
Init head:	.3		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	425
Test ddown:	11.2	Test chlor:	17300
Test temp:	25.6	Temp unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-33	Bot solid:	-2
Bot perf:	Not Reported	Spec capac:	38
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-013:006
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

F29
North
1/2 - 1 Mile
Higher

HI WELLS HI10001836

Wid:	3-1851-068	Island:	3
Well no:	1851-68	Well name:	Bishop St
Old name:	Not Reported	Yr drilled:	1968
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211837	Longitude2:	1575158
Latitude83:	211826	Longitude8:	1575148
Gps:	0	Utm:	1
Owner user:	Duesenburg Inv Co	Old number:	90-8A
Well type:	Not Reported	Casing dia:	24
Ground el:	7	Well depth:	36
Solid case:	8	Perf case:	Not Reported
Use:	INDEL	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	440
Test ddown:	4.5	Test chlor:	16750
Test temp:	26.1	Temp unit:	C
Pump gpm:	1400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	68
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-29	Bot solid:	-1
Bot perf:	Not Reported	Spec capac:	98
Pump mgd:	2.016	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-013:006
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Plr:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**F30
North
1/2 - 1 Mile
Higher**

HI WELLS HI10001838

Wid:	3-1851-070	Island:	3
Well no:	1851-70	Well name:	Ft St Mall
Old name:	Not Reported	Yr drilled:	1968
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211837	Longitude2:	1575158
Latitude83:	211826	Longitude8:	1575148
Gps:	0	Utm:	1
Owner user:	Amfac	Old number:	90-8C
Well type:	Not Reported	Casing dia:	24
Ground el:	7	Well depth:	30
Solid case:	Not Reported	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	0.3		
init head:	.3	Test gpm:	550
Init chlor:	Not Reported	Test chlor:	17800
Init cl:	0	Temp unit:	C
Test date:	Not Reported		
Test ddown:	1.9	Head feet:	Not Reported
Test temp:	25.6	Min chlor:	Not Reported
Pump gpm:	0	Pump yr:	Not Reported
Draft mgy:	Not Reported	Head yr:	Not Reported
Max chlor:	Not Reported	Maxchl yr:	0
Geology:	Qls	Minchl yr:	0
Draft yr:	Not Reported	Bot solid:	Not Reported
Maxchl:	Not Reported	Spec capac:	289
Minchl:	Not Reported	Draft mgd:	Not Reported
Bot hole:	-23	Trmk:	2-1-013:006
Bot perf:	Not Reported		
Pump mgd:	Not Reported		
Aquifer:	30102		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**J31
NNW
1/2 - 1 Mile
Higher**

HI WELLS HI10001831

Wid:	3-1852-005	Island:	3
Well no:	1852-05	Well name:	Aloha Tower
Old name:	Not Reported	Yr drilled:	1951
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211836	Longitude2:	1575207
Latitude83:	211825	Longitude8:	1575157
Gps:	0	Utm:	1
Owner user:	Podmore J W	Old number:	90-6
Well type:	Not Reported	Casing dia:	8
Ground el:	Not Reported	Well depth:	40
Solid case:	14	Perf case:	Not Reported
Use:	UNU	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	90
Test ddown:	3.4	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	26
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-001:001
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**I32
NNE
1/2 - 1 Mile
Higher**

HI WELLS HI10001840

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-043	Island:	3
Well no:	1851-43	Well name:	Merchant St
Old name:	Not Reported	Yr drilled:	1939
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211837	Longitude2:	1575150
Latitude83:	211826	Longitude8:	1575140
Gps:	0	Utm:	1
Owner user:	Wilcox Dev	Old number:	90-1B
Well type:	Not Reported	Casing dia:	8
Ground el:	10	Well depth:	40
Solid case:	17	Perf case:	37
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	125
Test ddown:	3.1	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-30	Bot solid:	-7
Bot perf:	-27	Spec capac:	40
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**I33
NNE
1/2 - 1 Mile
Higher**

HI WELLS HI10001839

Wid:	3-1851-042	Island:	3
Well no:	1851-42	Well name:	Merchant St
Old name:	Not Reported	Yr drilled:	1939
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211837	Longitude2:	1575150
Latitude83:	211826	Longitude8:	1575140
Gps:	0	Utm:	1
Owner user:	Wilcox Dev	Old number:	90-1A
Well type:	Not Reported	Casing dia:	8
Ground el:	10	Well depth:	50

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	22	Perf case:	40
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	2100		
Init cl:	2100		
Test date:	Not Reported	Test gpm:	125
Test ddown:	2.3	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-40	Bot solid:	-12
Bot perf:	-30	Spec capac:	54
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trnk:	Not Reported
Old aqul:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

K34
ENE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001753

Wid:	3-1851-015	Island:	3
Well no:	1851-15	Well name:	Ward Ave
Old name:	Not Reported	Yr drilled:	1898
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211815	Longitude2:	1575122
Latitude83:	211804	Longitude8:	1575112
Gps:	0	Utm:	1
Owner user:	Heco	Old number:	85-
Well type:	Not Reported	Casing dia:	8
Ground el:	5	Well depth:	734
Solid case:	602	Perf case:	Not Reported
Use:	ABNSLD	Use year:	88
Init water:	28.3		
Init head:	28.3		
Init chlor:	70		
Init cl:	70		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	26.9
Max chlor:	70	Min chlor:	50
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-729	Bot solid:	-597
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-044:039
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	26.9		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Plr:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**J35
NNW
1/2 - 1 Mile
Higher**

HI WELLS HI10001835

Wid:	3-1852-004	Island:	3
Well no:	1852-04	Well name:	Aloha Towers
Old name:	Not Reported	Yr drilled:	1947
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211837	Longitude2:	1575207
Latitude83:	211826	Longitude8:	1575157
Gps:	0	Utm:	1
Owner user:	Castle & Cooke Hawaii, Inc. [03]	Old number:	90-5
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	64
Solid case:	34	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	150
Test ddown:	1.5	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	100
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-001:001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	Not Reported
Pump elev:	Not Reported		

**K36
ENE
1/2 - 1 Mile
Higher**

HI WELLS HI10001737

Wid:	3-1851-058	Island:	3
Well no:	1851-58	Well name:	Kapiolani Myers
Old name:	Not Reported	Yr drilled:	1960
Driller:	PACIFIC DRLG	Quad map:	13
Latitude27:	211812	Longitude2:	1575120
Latitude83:	211801	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Meyers/Dalichi	Old number:	86-1
Well type:	Not Reported	Casing dia:	6
Ground el:	6	Well depth:	710
Solid case:	640	Perf case:	Not Reported
Use:	ABNSLD	Use year:	92
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	25.0
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	37	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-704	Bot solid:	-634
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-044:008
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	25		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**37
WNW
1/2 - 1 Mile
Higher**

HI WELLS HI10001769

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1852-010	Island:	3
Well no:	1852-10	Well name:	Ocean Seafoods 1
Old name:	Not Reported	Yr drilled:	1998
Driller:	MELS WTR WKS	Quad map:	13
Latitude27:	211819	Longitude2:	1575233
Latitude83:	211808	Longitude8:	1575223
Gps:	0	Utm:	1
Owner user:	Ocean Seafoods	Old number:	Not Reported
Well type:	ROT	Casing dia:	6
Ground el:	10	Well depth:	63
Solid case:	20	Perf case:	60
Use:	AGRAQ	Use year:	98
Init water:	Not Reported		
Init head:	.1		
Init chlor:	Not Reported		
Init cl:	22000		
Test date:	Not Reported	Test gpm:	125
Test ddown:	1.45	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	65		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported	Pump yr:	98
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-53	Bot solid:	-10
Bot perf:	-50	Spec capac:	Not Reported
Pump mgd:	.093	Draft mgd:	Not Reported
Aquifer:	Not Reported	Tmk:	1-5-041:328
Old aqui:	Not Reported	Aquil code:	30103
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	-11	Pump depth:	21

**L38
NNE
1/2 - 1 Mile
Higher**

HI WELLS HI10001828

Wid:	3-1851-051	Island:	3
Well no:	1851-51	Well name:	Iolani Palace
Old name:	Not Reported	Yr drilled:	1952
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211835	Longitude2:	1575138
Latitude83:	211824	Longitude8:	1575128
Gps:	0	Utm:	1
Owner user:	State Of Haw	Old number:	99-1
Well type:	Not Reported	Casing dia:	8
Ground el:	18	Well depth:	71

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	24	Perf case:	Not Reported
Use:	INDEL	Use year:	74
Init water:	3.6		
Init head:	3.6		
Init chlor:	966		
Init cl:	966		
Test date:	Not Reported	Test gpm:	300
Test ddown:	1.6	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	2900	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-53	Bot sold:	-6
Bot perf:	Not Reported	Spec capac:	188
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

M39
North
1/2 - 1 Mile
Higher

HI WELLS HI10001848

Wid:	3-1851-076	Island:	3
Well no:	1851-76	Well name:	Amfac Center
Old name:	Not Reported	Yr drilled:	Not Reported
Driller:	Not Reported	Quad map:	13
Latitude27:	211840	Longitude2:	1575159
Latitude83:	211829	Longitude8:	1575149
Gps:	0	Utm:	1
Owner user:	Duesenburg Inv Co	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	Not Reported
Ground el:	Not Reported	Well depth:	Not Reported
Solid case:	Not Reported	Perf case:	Not Reported
Use:	INDEL	Use year:	69
Init water:	Not Reported		
init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	1400		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	69
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	2.016	Draft mgd:	Not Reported
Aquifer:	Not Reported	Trmk:	2-1-013:006
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

M40
North
1/2 - 1 Mile
Higher

HI WELLS HI10001849

Wid:	3-1851-053	Island:	3
Well no:	1851-53	Well name:	Queen St
Old name:	Not Reported	Yr drilled:	1956
Driller:	SAMSON-SMOCK	Quad map:	13
Latitude27:	211840	Longitude2:	1575156
Latitude83:	211829	Longitude8:	1575146
Gps:	0	Utm:	1
Owner user:	A&B	Old number:	90-7
Well type:	Not Reported	Casing dia:	12
Ground el:	8	Well depth:	122
Solid case:	22	Perf case:	30
Use:	OTH	Use year:	74
Init water:	0.4		
Init head:	.4		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	400
Test ddown:	13.1	Test chlor:	19
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-114	Bot solid:	-14
Bot perf:	-22	Spec capac:	31
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aquil:	Not Reported	Aquil code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported	Pump depth:	Not Reported
T:	0		
Pump elev:	Not Reported		

K41
ENE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001770

Wid:	3-1851-059	Island:	3
Well no:	1851-59	Well name:	King St
Old name:	Not Reported	Yr drilled:	1960
Driller:	PACIFIC DRLG	Quad map:	13
Latitude27:	211819	Longitude2:	1575121
Latitude83:	211808	Longitude8:	1575111
Gps:	0	Utm:	1
Owner user:	Spuds Ldry	Old number:	85-1
Well type:	Not Reported	Casing dia:	4
Ground el:	8	Well depth:	678
Solid case:	607	Perf case:	Not Reported
Use:	ABNSLD	Use year:	76
Init water:	25.9		
Init head:	25.9		
Init chlor:	48		
Init cl:	48		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	9.5
Max chlor:	52	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-670	Bot solid:	-599
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	0.1
Aquifer:	30102	Tmk:	2-1-045:017
Old aquil:	Not Reported	Aquil code:	30102
Latest hd:	9.5		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

N42
ENE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001785

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-064	Island:	3
Well no:	1851-64	Well name:	King St
Old name:	Not Reported	Yr drilled:	1967
Driller:	ROSCOE MOSS	Quad map:	13
Latitude27:	211821	Longitude2:	1575122
Latitude83:	211810	Longitude8:	1575112
Gps:	0	Utm:	1
Owner user:	Berts Service	Old number:	85-2
Well type:	PER	Casing dia:	8
Ground el:	7	Well depth:	91
Solid case:	27	Perf case:	35
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	200
Test ddown:	0.3	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-84	Bot solid:	-20
Bot perf:	-28	Spec capac:	667
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old acqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

43
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001820

Wid:	3-1851-044	Island:	3
Well no:	1851-44	Well name:	Punchbowl St
Old name:	Not Reported	Yr drilled:	1939
Driller:	MULLIN	Quad map:	13
Latitude27:	211833	Longitude2:	1575133
Latitude83:	211822	Longitude8:	1575123
Gps:	0	Utm:	1
Owner user:	Medical Group	Old number:	97-1
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	62

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	40	Perf case:	Not Reported
Use:	ABNSLD	Use year:	57
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

M44
North
1/2 - 1 Mile
Higher

HI WELLS HI10001851

Wid:	3-1851-072	Island:	3
Well no:	1851-72	Well name:	Ft St Mall 2
Old name:	Not Reported	Yr drilled:	1973
Driller:	ROSCOE MOSS	Quad map:	13
Latitude27:	211841	Longitude2:	1575159
Latitude83:	211830	Longitude8:	1575149
Gps:	0	Utm:	1
Owner user:	Center Prop	Old number:	Not Reported
Well type:	PER	Casing dia:	16
Ground el:	7	Well depth:	45
Sold case:	10	Perf case:	Not Reported
Use:	INDEL	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	950
Test ddown:	8.5	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-38	Bot solid:	-3
Bot perf:	Not Reported	Spec capac:	112
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-013:001
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

M45
North
1/2 - 1 Mile
Higher

HI WELLS HI10001850

Wid:	3-1851-071	Island:	3
Well no:	1851-71	Well name:	Ft St Mall 1
Old name:	Not Reported	Yr drilled:	1973
Driller:	ROSCOE MOSS	Quad map:	13
Latitude27:	211841	Longitude2:	1575159
Latitude83:	211830	Longitude8:	1575149
Gps:	0	Utm:	1
Owner user:	Center Prop	Old number:	Not Reported
Well type:	PER	Casing dia:	16
Ground el:	7	Well depth:	45
Solid case:	10	Perf case:	Not Reported
Use:	INDEL	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	850
Test ddown:	8.2	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-38	Bot solid:	-3
Bot perf:	Not Reported	Spec capac:	104
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-013:001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	Not Reported
Pump elev:	Not Reported		

46
NW
1/2 - 1 Mile
Higher

HI WELLS HI10001798

Wid:	3-1852-008	Island:	3
Well no:	1852-08	Well name:	Coast Guard Res
Old name:	Not Reported	Yr drilled:	1971
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211828	Longitude2:	1575229
Latitude83:	211817	Longitude8:	1575219
Gps:	0	Utm:	1
Owner user:	State Aquatics	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	12
Ground el:	8	Well depth:	80
Solid case:	32	Perf case:	Not Reported
Use:	AGRAQ	Use year:	74
Init water:	Not Reported		
Init head:	.81		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	900
Test ddown:	2.3	Test chlor:	19000
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	400		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rf	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-72	Bot solid:	-24
Bot perf:	Not Reported	Spec capac:	391
Pump mgd:	.576	Draft mgd:	Not Reported
Aquifer:	Not Reported	Tmk:	1-5-041:002
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

047
North
1/2 - 1 Mile
Higher

HI WELLS HI10001853

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-048	Island:	3
Well no:	1851-48	Well name:	King St
Old name:	Not Reported	Yr drilled:	1939
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211841	Longitude2:	1575152
Latitude83:	211830	Longitude8:	1575142
Gps:	0	Utm:	1
Owner user:	Walston & Co	Old number:	103-2B
Well type:	Not Reported	Casing dia:	8
Ground el:	Not Reported	Well depth:	40
Solid case:	34	Perf case:	Not Reported
Use:	UNU	Use year:	74
Init water:	3.6		
Init head:	3.6		
Init chlor:	1360		
Init cl:	1360		
Test date:	Not Reported	Test gpm:	75
Test ddown:	0.3	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	250
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

O48
North
1/2 - 1 Mile
Higher

HI WELLS HI10001852

Wid:	3-1851-047	Island:	3
Well no:	1851-47	Well name:	King St
Old name:	Not Reported	Yr drilled:	1939
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211841	Longitude2:	1575152
Latitude83:	211830	Longitude8:	1575142
Gps:	0	Utm:	1
Owner user:	Walston & Co	Old number:	103-2A
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	41

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	22	Perf case:	Not Reported
Use:	UNU	Use year:	74
Init water:	3.7		
Init head:	3.7		
Init chlor:	3290		
Init cl:	3290		
Test date:	Not Reported	Test gpm:	75
Test ddown:	0.3	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	1190
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	00	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	250
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur ci:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Plr:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

L49
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001843

Wid:	3-1851-004	Island:	3
Well no:	1851-04	Well name:	Iolani Palace
Old name:	Not Reported	Yr drilled:	1882
Driller:	Not Reported	Quad map:	13
Latitude27:	211838	Longitude2:	1575140
Latitude83:	211827	Longitude8:	1575130
Gps:	0	Utm:	1
Owner user:	State Of Haw	Old number:	99-
Well type:	Not Reported	Casing dia:	14
Ground el:	18	Well depth:	752
Solid case:	748	Perf case:	Not Reported
Use:	UNU	Use year:	74
Init water:	25.2		
Init head:	25.2		
Init chlor:	43		
Init cl:	43		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	26.7
Max chlor:	54	Min chlor:	43
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-734	Bot solid:	-730
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-025:002
Old aqul:	Not Reported	Aqul code:	30102
Latest hd:	26.7		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

50
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001738

Wid:	3-1851-063	Island:	3
Well no:	1851-63	Well name:	Blaisdell Center
Old name:	Not Reported	Yr drilled:	1967
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211812	Longitude2:	1575116
Latitude83:	211801	Longitude8:	1575106
Gps:	0	Utm:	1
Owner user:	C&C Pks&Rec	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	16
Ground el:	Not Reported	Well depth:	80
Solid case:	28	Perf case:	Not Reported
Use:	IRRLA	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	2350		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	700		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	2750	Min chlor:	2350
Geology:	QA	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	1.008	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-3-008:001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqul:	Not Reported	Aqul code:	30102
Latest hd:	0	Cur cl:	19000
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

M51
North
1/2 - 1 Mile
Higher

HI WELLS HI10001858

Wid:	3-1851-038	Island:	3
Well no:	1851-38	Well name:	Ft St Mall
Old name:	Not Reported	Yr drilled:	1937
Driller:	MULLIN	Quad map:	13
Latitude27:	211843	Longitude2:	1575156
Latitude83:	211832	Longitude8:	1575146
Gps:	0	Utm:	1
Owner user:	Brewer C & Co	Old number:	90-
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	100
Solid case:	20	Perf case:	Not Reported
Use:	UNU	Use year:	88
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	130
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Pls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot sold:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqul:	Not Reported	Aqul code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

O52
North
1/2 - 1 Mile
Higher

HI WELLS HI10001859

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	28.2
Max chlor:	56	Min chlor:	50
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-629	Bot solid:	-565
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqul:	Not Reported	Aqul code:	30102
Latest hd:	28.2		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Plr:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

M55
North
1/2 - 1 Mile
Higher

HI WELLS HI10001862

Wid:	3-1852-003	Island:	3
Well no:	1852-03	Well name:	Ala Moana Blvd
Old name:	Not Reported	Yr drilled:	1947
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211844	Longitude2:	1575200
Latitude83:	211833	Longitude8:	1575150
Gps:	0	Utm:	1
Owner user:	Castle & Cooke Hawaii, Inc. [03]	Old number:	90-4
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	52
Solid case:	16	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	150
Test ddown:	2.3	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	65
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-001:006

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aquif:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	Not Reported
Pump elev:	Not Reported		

P56
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001854

Wid:	3-1851-061	Island:	3
Well no:	1851-61	Well name:	State Capitol
Old name:	Not Reported	Yr drilled:	1963
Driller:	SAMSON-ZERBE	Quad map:	13
Latitude27:	211841	Longitude2:	1575139
Latitude83:	211830	Longitude8:	1575129
Gps:	0	Utm:	1
Owner user:	State Dags	Old number:	99-2
Well type:	Not Reported	Casing dia:	16
Ground el:	20	Well depth:	77
Solid case:	25	Perf case:	71
Use:	INDEL	Use year:	74
Init water:	Not Reported		
Init head:	30		
Init chlor:	4030		
Init cl:	4030		
Test date:	Not Reported	Test gpm:	1655
Test ddown:	27.0	Test chlor:	7500
Test temp:	24.4	Temp unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-57	Bot sold:	-5
Bot perf:	-51	Spec capac:	61
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-024:011
Old aquif:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

O57
North
1/2 - 1 Mile
Higher

HI WELLS HI10001864

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-040	Island:	3
Well no:	1851-40	Well name:	Ft St Mail
Old name:	Not Reported	Yr drilled:	1938
Driller:	HOBART	Quad map:	13
Latitude27:	211845	Longitude2:	1575154
Latitude83:	211834	Longitude8:	1575144
Gps:	0	Utm:	1
Owner user:	Easy Applianc	Old number:	90-3
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	42
Solid case:	8	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q58
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001801

Wid:	3-1851-020	Island:	3
Well no:	1851-20	Well name:	Beretania St.
Old name:	Not Reported	Yr drilled:	1901
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211828	Longitude2:	1575120
Latitude83:	211817	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Mtl Inc	Old number:	87-
Well type:	Not Reported	Casing dia:	8
Ground el:	19	Well depth:	576

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	532	Perf case:	Not Reported
Use:	ABNSLD	Use year:	91
Init water:	31.2		
Init head:	31.2		
Init chlor:	75		
Init cl:	75		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	26.9
Max chlor:	75	Min chlor:	35
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-557	Bot solid:	-513
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	0.1
Aquifer:	30102	Tmk:	2-1-042:011
Old aqu:	Not Reported	Aqui code:	30102
Latest hd:	26.9		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

59
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001792

Wid:	3-1851-036	Island:	3
Well no:	1851-36	Well name:	Hotel St
Old name:	Not Reported	Yr drilled:	1936
Driller:	MULLIN	Quad map:	13
Latitude27:	211824	Longitude2:	1575117
Latitude83:	211813	Longitude8:	1575107
Gps:	0	Utm:	1
Owner user:	Haw Juice Ind	Old number:	80-
Well type:	Not Reported	Casing dia:	6
Ground el:	15	Well depth:	700
Solid case:	603	Perf case:	Not Reported
Use:	ABNSLD	Use year:	69
Init water:	29.0		
Init head:	29		
Init chlor:	38		
Init cl:	38		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	26.8
Max chlor:	38	Min chlor:	30
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-685	Bot solid:	-588
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.8		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**60
North
1/2 - 1 Mile
Higher**

HI WELLS HI10001866

Wid:	3-1851-049	Island:	3
Well no:	1851-49	Well name:	King St
Old name:	Not Reported	Yr drilled:	1940
Driller:	MULLIN	Quad map:	13
Latitude27:	211846	Longitude2:	1575155
Latitude83:	211835	Longitude8:	1575145
Gps:	0	Utm:	1
Owner user:	Royal Amusermt	Old number:	90-2
Well type:	Not Reported	Casing dia:	Not Reported
Ground el:	Not Reported	Well depth:	60
Solid case:	21	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Qls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur ci:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0	Pump depth:	Not Reported
Pump elev:	Not Reported		

P61
NNE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001856

Wid:	3-1851-066	Island:	3
Well no:	1851-66	Well name:	Beretania
Old name:	Not Reported	Yr drilled:	1967
Driller:	LAYNE INTL	Quad map:	13
Latitude27:	211842	Longitude2:	1575137
Latitude83:	211831	Longitude8:	1575127
Gps:	0	Utm:	1
Owner user:	State Of Haw	Old number:	99-3
Well type:	ROT	Casing dia:	Not Reported
Ground el:	20	Well depth:	100
Solid case:	Not Reported	Perf case:	Not Reported
Use:	INDEL	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init ci:	0		
Test date:	Not Reported	Test gpm:	1500
Test ddown:	40.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-80	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	38
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-024:011
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur ci:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

R62
NE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001821

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-074	Island:	3
Well no:	1851-74	Well name:	Beretania Sta 1
Old name:	Not Reported	Yr drilled:	1988
Driller:	WAT RES INTL	Quad map:	13
Latitude27:	211833	Longitude2:	1575123
Latitude83:	211822	Longitude8:	1575113
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	19	Well depth:	598
Soild case:	498	Perf case:	Not Reported
Use:	MUNCO	Use year:	91
Init water:	21.0		
Init head:	21		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	1400
Test ddown:	1.9	Test chlor:	66
Test temp:	21.5	Temp unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	89	Min chlor:	Not Reported
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-579	Bot sold:	-479
Bot perf:	Not Reported	Spec capac:	737
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-036:006
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q63
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001807

Wid:	3-1851-075	Island:	3
Well no:	1851-75	Well name:	Beretania Sta 2
Old name:	Not Reported	Yr drilled:	1989
Driller:	WAT RES INTL	Quad map:	13
Latitude27:	211831	Longitude2:	1575121
Latitude83:	211820	Longitude8:	1575111
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	18	Well depth:	625

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	523	Perf case:	Not Reported
Use:	MUNCO	Use year:	91
Init water:	22.9		
Init head:	22.9		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	1400
Test ddown:	2.2	Test chlor:	102
Test temp:	20.4	Temp unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	96
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-607	Bot solid:	-505
Bot perf:	Not Reported	Spec capac:	636
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-036:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

64
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001745

Wid:	3-1851-062	Island:	3
Well no:	1851-62	Well name:	Nbc
Old name:	Not Reported	Yr drilled:	1967
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211813	Longitude2:	1575111
Latitude83:	211802	Longitude8:	1575101
Gps:	0	Utm:	1
Owner user:	C&C Pks&Rec	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	16
Ground el:	Not Reported	Well depth:	65
Solid case:	14	Perf case:	Not Reported
Use:	IRRLA	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	376		
Init cl:	376		
Test date:	Not Reported	Test gpm:	600
Test ddown:	1.9	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	700		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	1400	Min chlor:	360
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	67
Minchl:	Not Reported	Minchl yr:	67
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	316
Pump mgd:	1.008	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-3-008:001
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

R65
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001822

Wid:	3-1851-057	Island:	3
Well no:	1851-57	Well name:	Beretania Deep
Old name:	Not Reported	Yr drilled:	1960
Driller:	PACIFIC DRLG	Quad map:	13
Latitude27:	211833	Longitude2:	1575122
Latitude83:	211822	Longitude8:	1575112
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	T85-
Well type:	Not Reported	Casing dia:	6
Ground el:	23	Well depth:	1509
Solid case:	450	Perf case:	Not Reported
Use:	OBSDM	Use year:	74
Init water:	26.9		
Init head:	26.9		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-1486	Bot solid:	-427
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-036:005

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	22.42	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported	Pump depth:	Not Reported
T:	0		
Pump elev:	Not Reported		

Q66
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001816

Wid:	3-1851-035	Island:	3
Well no:	1851-35	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1926
Driller:	PRIMMER	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-G
Well type:	Not Reported	Casing dia:	12
Ground el:	15	Well depth:	566
Solid case:	488	Perf case:	Not Reported
Use:	MUNCO	Use year:	74
Init water:	23.3		
Init head:	23.3		
Init chlor:	47		
Init cl:	47		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	26.9
Max chlor:	67	Min chlor:	36
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-551	Bot solid:	-473
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-036:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.9		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q67
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001817

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-067	Island:	3
Well no:	1851-67	Well name:	Beretania Obs
Old name:	Not Reported	Yr drilled:	1968
Driller:	LAYNE INTL	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-J
Well type:	ROT	Casing dia:	20
Ground el:	18	Well depth:	619
Solid case:	484	Perf case:	Not Reported
Use:	MUNCO	Use year:	68
Init water:	3.0		
Init head:	3		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-601	Bot solid:	-466
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-036:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q68
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001815

Wid:	3-1851-034	Island:	3
Well no:	1851-34	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1926
Driller:	PRIMMER	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-F
Well type:	Not Reported	Casing dia:	12
Ground el:	14	Well depth:	636

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	484	Perf case:	Not Reported
Use:	MUNCO	Use year:	74
Init water:	23.6		
Init head:	23.6		
Init chlor:	55		
Init cl:	55		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	27.0
Max chlor:	67	Min chlor:	36
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-622	Bot solid:	-470
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-036:004
Old aqu:	Not Reported	Aqui code:	30102
Latest hd:	27		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q69
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001810

Wid:	3-1851-024	Island:	3
Well no:	1851-24	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1910
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-A
Well type:	Not Reported	Casing dia:	12
Ground el:	20	Well depth:	616
Solid case:	487	Perf case:	Not Reported
Use:	ABNSLD	Use year:	95
Init water:	26.9		
Init head:	26.9		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	30.9
Max chlor:	52	Min chlor:	33
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-598	Bot solid:	-467
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-036:004
Old aquil:	Not Reported	Aquil code:	30102
Latest hd:	30.9	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported	Pump depth:	Not Reported
T:	0		
Pump elev:	Not Reported		

Q70
NE
 1/2 - 1 Mile
 Higher

HI WELLS HI10001809

Wid:	3-1851-013	Island:	3
Well no:	1851-13	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1895
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-I
Well type:	Not Reported	Casing dia:	10
Ground el:	22	Well depth:	616
Solid case:	499	Perf case:	Not Reported
Use:	MUNCO	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	72	Min chlor:	64
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	87
Minchl:	Not Reported	Minchl yr:	87
Bot hole:	-594	Bot solid:	-477
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-036:004

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported	Pump depth:	Not Reported
T:	0		
Pump elev:	Not Reported		

Q71
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001808

Wid:	3-1851-012	Island:	3
Well no:	1851-12	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1895
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-H
Well type:	Not Reported	Casing dia:	10
Ground el:	21	Well depth:	580
Solid case:	499	Perf case:	Not Reported
Use:	MUNCO	Use year:	74
Init water:	32.0		
Init head:	32		
Init chlor:	Not Reported		
Init ci:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	2770	Head feet:	27.0
Max chlor:	72	Min chlor:	64
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	87
Minchl:	Not Reported	Minchl yr:	87
Bot hole:	-559	Bot solid:	-478
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	7.6
Aquifer:	30102	Tmk:	2-1-036:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	27		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q72
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001811

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-025	Island:	3
Well no:	1851-25	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1910
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-B
Well type:	Not Reported	Casing dia:	12
Ground el:	17	Well depth:	617
Solid case:	495	Perf case:	Not Reported
Use:	ABNSLD	Use year:	63
Init water:	27.7		
Init head:	27.7		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	21.2
Max chlor:	67	Min chlor:	36
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-600	Bot solid:	-478
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aquil:	Not Reported	Aqui code:	30102
Latest hd:	21.2		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q73
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001814

Wid:	3-1851-033	Island:	3
Well no:	1851-33	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1926
Driller:	PRIMMER	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-E
Well type:	Not Reported	Casing dia:	12
Ground el:	14	Well depth:	533

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	479	Perf case:	Not Reported
Use:	MUNCO	Use year:	74
Init water:	23.6		
Init head:	23.6		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	27.0
Max chlor:	67	Min chlor:	36
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-519	Bot sold:	-465
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-036:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	27		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q74
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001813

Wid:	3-1851-032	Island:	3
Well no:	1851-32	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1924
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-D
Well type:	Not Reported	Casing dia:	12
Ground el:	20	Well depth:	600
Solid case:	489	Perf case:	Not Reported
Use:	ABNSLD	Use year:	03
Init water:	27.8		
Init head:	27.8		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	26.9
Max chlor:	67	Min chlor:	36
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-580	Bot solid:	-469
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-036:004
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.9		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

Q75
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001812

Wid:	3-1851-031	Island:	3
Well no:	1851-31	Well name:	Beretania P Sta
Old name:	Not Reported	Yr drilled:	1924
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211831	Longitude2:	1575120
Latitude83:	211820	Longitude8:	1575110
Gps:	0	Utm:	1
Owner user:	Honolulu BWS	Old number:	88-C
Well type:	Not Reported	Casing dia:	12
Ground el:	20	Well depth:	600
Solid case:	489	Perf case:	Not Reported
Use:	MUNCO	Use year:	74
Init water:	28.0		
Init head:	28		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	26.9
Max chlor:	67	Min chlor:	36
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	76	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-580	Bot solid:	-469
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	2-1-036:004

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.9	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported		
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

P76
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001865

Wid:	3-1851-005	Island:	3
Well no:	1851-05	Well name:	Alakea St
Old name:	Not Reported	Yr drilled:	1882
Driller:	Not Reported	Quad map:	13
Latitude27:	211845	Longitude2:	1575141
Latitude83:	211834	Longitude8:	1575131
Gps:	0	Utm:	1
Owner user:	Cooper K M	Old number:	106-
Well type:	Not Reported	Casing dia:	6
Ground el:	20	Well depth:	636
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABNSLD	Use year:	25
Init water:	26.0		
Init head:	26		
Init chlor:	48		
Init cl:	48		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	26.5
Max chlor:	48	Min chlor:	43
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-616	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.5		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

S77
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001771

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-060	Island:	3
Well no:	1851-60	Well name:	Ward Ave
Old name:	Not Reported	Yr drilled:	1962
Driller:	SAMSON-ZERBE	Quad map:	13
Latitude27:	211819	Longitude2:	1575112
Latitude83:	211808	Longitude8:	1575102
Gps:	0	Utm:	1
Owner user:	Straub Clinic	Old number:	82-1
Well type:	Not Reported	Casing dia:	6
Ground el:	16	Well depth:	180
Solid case:	160	Perf case:	180
Use:	OTH	Use year:	74
Init water:	6.0		
Init head:	6		
Init chlor:	470		
Init cl:	470		
Test date:	Not Reported	Test gpm:	115
Test ddown:	4.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-164	Bot solid:	-144
Bot perf:	-164	Spec capac:	29
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-043:011
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

T78
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001867

Wid:	3-1851-030	Island:	3
Well no:	1851-30	Well name:	Alakea St
Old name:	Not Reported	Yr drilled:	1915
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211846	Longitude2:	1575143
Latitude83:	211835	Longitude8:	1575133
Gps:	0	Utm:	1
Owner user:	Hon Mdse Mart	Old number:	105-
Well type:	Not Reported	Casing dia:	10
Ground el:	18	Well depth:	810

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	706	Perf case:	Not Reported
Use:	ABNSLD	Use year:	89
Init water:	28.4		
Init head:	28.4		
Init chlor:	44		
Init cl:	44		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	26.8
Max chlor:	63	Min chlor:	34
Geology:	Not Reported	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-792	Bot solid:	-688
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	0.1
Aquifer:	30102	Tmk:	2-1-010:005
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	26.8		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

T79
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001869

Wid:	3-1851-056	Island:	3
Well no:	1851-56	Well name:	Alakea St
Old name:	Not Reported	Yr drilled:	1958
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211846	Longitude2:	1575140
Latitude83:	211835	Longitude8:	1575130
Gps:	0	Utm:	1
Owner user:	Am Mutual Ins	Old number:	106-1B
Well type:	Not Reported	Casing dia:	24
Ground el:	16	Well depth:	30
Solid case:	3	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	1.0		
Init head:	1		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	75
Test ddown:	1.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-14	Bot solid:	13
Bot perf:	Not Reported	Spec capac:	75
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

T80
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001868

Wid:	3-1851-055	Island:	3
Well no:	1851-55	Well name:	Alakea St
Old name:	Not Reported	Yr drilled:	1958
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211846	Longitude2:	1575140
Latitude83:	211835	Longitude8:	1575130
Gps:	0	Utm:	1
Owner user:	Am MutualIns	Old number:	106-1A
Well type:	Not Reported	Casing dia:	24
Ground el:	16	Well depth:	40
Solid case:	3	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	1.0		
Init head:	1		
Init chlor:	967		
Init cl:	967		
Test date:	Not Reported	Test gpm:	250
Test ddown:	4.0	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-24	Bot solid:	13
Bot perf:	Not Reported	Spec capac:	63
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0	Cur cl:	Not Reported
Cur head:	Not Reported	Wcr:	Not Reported
Cur temp:	Not Reported	Surveyor:	Not Reported
Pir:	Not Reported	Pump depth:	Not Reported
T:	0		
Pump elev:	Not Reported		

S81
ENE
1/2 - 1 Mile
Higher

HI WELLS HI10001761

Wid:	3-1851-001	Island:	3
Well no:	1851-01	Well name:	H I C
Old name:	Not Reported	Yr drilled:	1881
Driller:	Not Reported	Quad map:	13
Latitude27:	211817	Longitude2:	1575108
Latitude83:	211806	Longitude8:	1575058
Gps:	0	Utm:	1
Owner user:	Ward C P	Old number:	82-
Well type:	Not Reported	Casing dia:	6
Ground el:	16	Well depth:	540
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABNSLD	Use year:	62
Init water:	30.8		
Init head:	30.8		
Init chlor:	65		
Init ci:	65		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	27.4
Max chlor:	65	Min chlor:	44
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	-524	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	27.4		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

U82
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001873

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wid:	3-1851-041	Island:	3
Well no:	1851-41	Well name:	Ft St Mall
Old name:	Not Reported	Yr drilled:	1938
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211850	Longitude2:	1575146
Latitude83:	211839	Longitude8:	1575136
Gps:	0	Utm:	1
Owner user:	Fronk & Wynn	Old number:	105-1
Well type:	Not Reported	Casing dia:	6
Ground el:	21	Well depth:	46
Solid case:	22	Perf case:	42
Use:	OTH	Use year:	74
Init water:	1.5		
Init head:	1.5		
Init chlor:	139		
Init cl:	139		
Test date:	Not Reported	Test gpm:	40
Test ddown:	2.3	Test chlor:	150
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-25	Bot solid:	-1
Bot perf:	-21	Spec capac:	17
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur ci:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

83
North
1/2 - 1 Mile
Higher

HI WELLS HI10001874

Wid:	3-1851-039	Island:	3
Well no:	1851-39	Well name:	Hawaii Theatre
Old name:	Not Reported	Yr drilled:	1937
Driller:	MULLIN	Quad map:	13
Latitude27:	211851	Longitude2:	1575152
Latitude83:	211840	Longitude8:	1575142
Gps:	0	Utm:	1
Owner user:	Cons Amus Co	Old number:	100-
Well type:	Not Reported	Casing dia:	6
Ground el:	Not Reported	Well depth:	60

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Solid case:	20	Perf case:	Not Reported
Use:	ABNSLD	Use year:	92
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	50
Test ddown:	0.8	Test chlor:	181
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Mln chlor:	Not Reported
Geology:	Pls	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	0
Minchl:	Not Reported	Minchl yr:	0
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	63
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Tmk:	2-1-003:014
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

84
NE
1/2 - 1 Mile
Higher

HI WELLS HI10001846

Wid:	3-1851-011	Island:	3
Well no:	1851-11	Well name:	Queens Hosp
Old name:	Not Reported	Yr drilled:	1894
Driller:	MCCANDLESS	Quad map:	13
Latitude27:	211839	Longitude2:	1575122
Latitude83:	211828	Longitude8:	1575112
Gps:	0	Utm:	1
Owner user:	Queens Hosp	Old number:	98-
Well type:	Not Reported	Casing dia:	8
Ground el:	24	Well depth:	521
Solid case:	419	Perf case:	Not Reported
Use:	ABNSLD	Use year:	60
Init water:	27.1		
Init head:	27.1		
Init chlor:	49		
Init cl:	49		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Draft mgy:	Not Reported	Head feet:	22.4
Max chlor:	Not Reported	Min chlor:	48
Geology:	Tkb	Pump yr:	Not Reported
Draft yr:	00	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	-497	Bot solid:	-395
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported
Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	22.4		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

U85
NNE
1/2 - 1 Mile
Higher

HI WELLS HI10001875

Wid:	3-1851-050	Island:	3
Well no:	1851-50	Well name:	Ft St Mall
Old name:	Not Reported	Yr drilled:	1940
Driller:	NAT WHITON	Quad map:	13
Latitude27:	211852	Longitude2:	1575145
Latitude83:	211841	Longitude8:	1575135
Gps:	0	Utm:	1
Owner user:	Ramsey W A	Old number:	105-2
Well type:	Not Reported	Casing dia:	3
Ground el:	Not Reported	Well depth:	25
Solid case:	6	Perf case:	Not Reported
Use:	OTH	Use year:	74
Init water:	Not Reported		
Init head:	0		
Init chlor:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Temp unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Rtsp	Pump yr:	Not Reported
Draft yr:	Not Reported	Head yr:	Not Reported
Maxchl:	Not Reported	Maxchl yr:	Not Reported
Minchl:	Not Reported	Minchl yr:	Not Reported
Bot hole:	Not Reported	Bot solid:	Not Reported
Bot perf:	Not Reported	Spec capac:	Not Reported
Pump mgd:	Not Reported	Draft mgd:	Not Reported
Aquifer:	30102	Trmk:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Old aqui:	Not Reported	Aqui code:	30102
Latest hd:	0		
Cur head:	Not Reported	Cur cl:	Not Reported
Cur temp:	Not Reported	Wcr:	Not Reported
Pir:	Not Reported	Surveyor:	Not Reported
T:	0		
Pump elev:	Not Reported	Pump depth:	Not Reported

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON**

AREA RADON INFORMATION

Federal EPA Radon Zone for HONOLULU County: 3

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

Federal Area Radon Information for Zip Code: 96813

Number of sites tested: 3

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.067 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.350 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

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

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Ground Water Wells

Source: Department of Land and Natural Resources

Telephone: 808-587-0242

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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EDR® Environmental
Data Resources Inc

EDR Site Report™

**ALA MOANA WASTEWATER PUMP STA
HANA HWY, WAIOHONU STREAM
HONOLULU, HI 96813**

Inquiry Number:

March 23, 2007

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

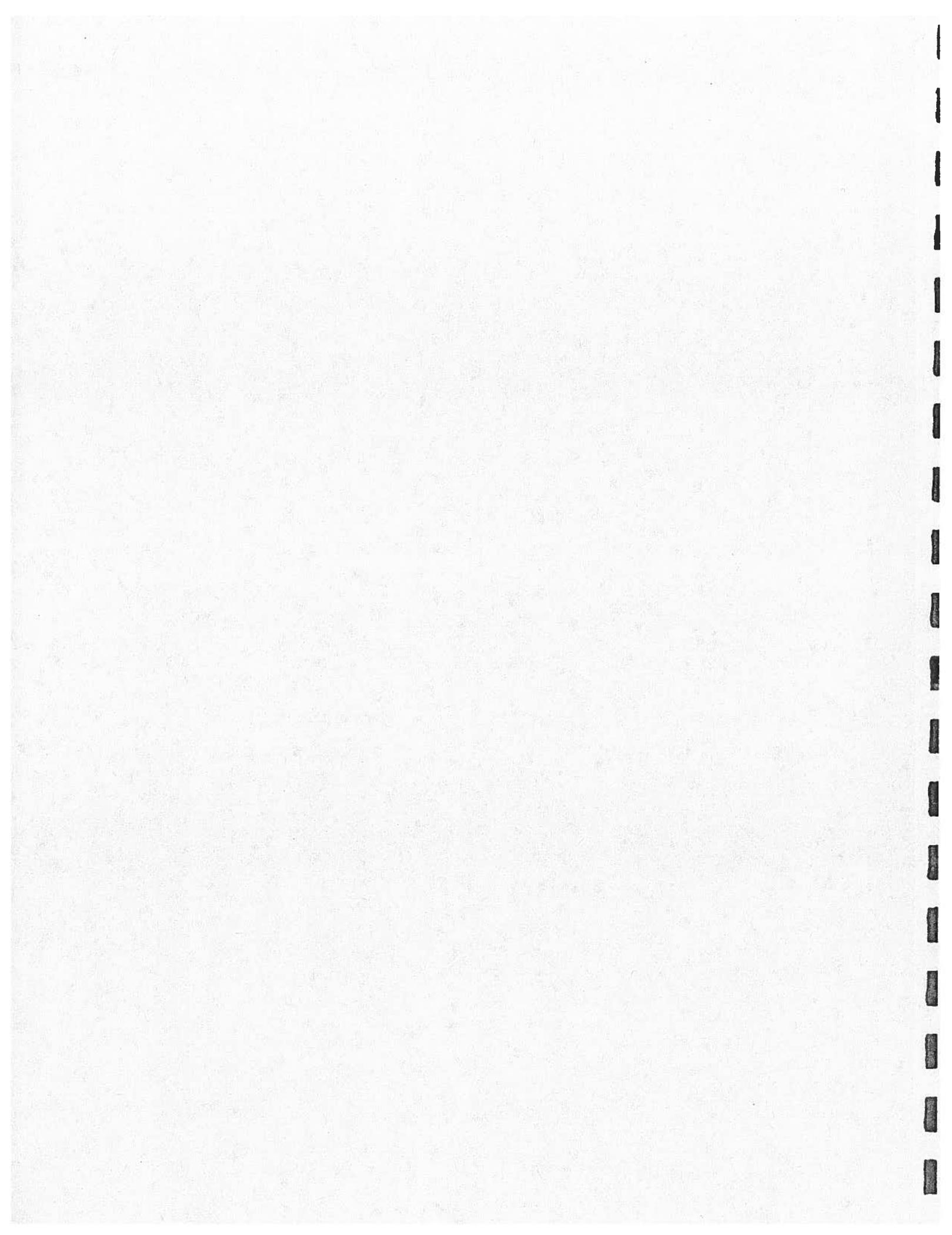


TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of over 4 million government records from more than 600 federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases Searched and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases searched for this report.

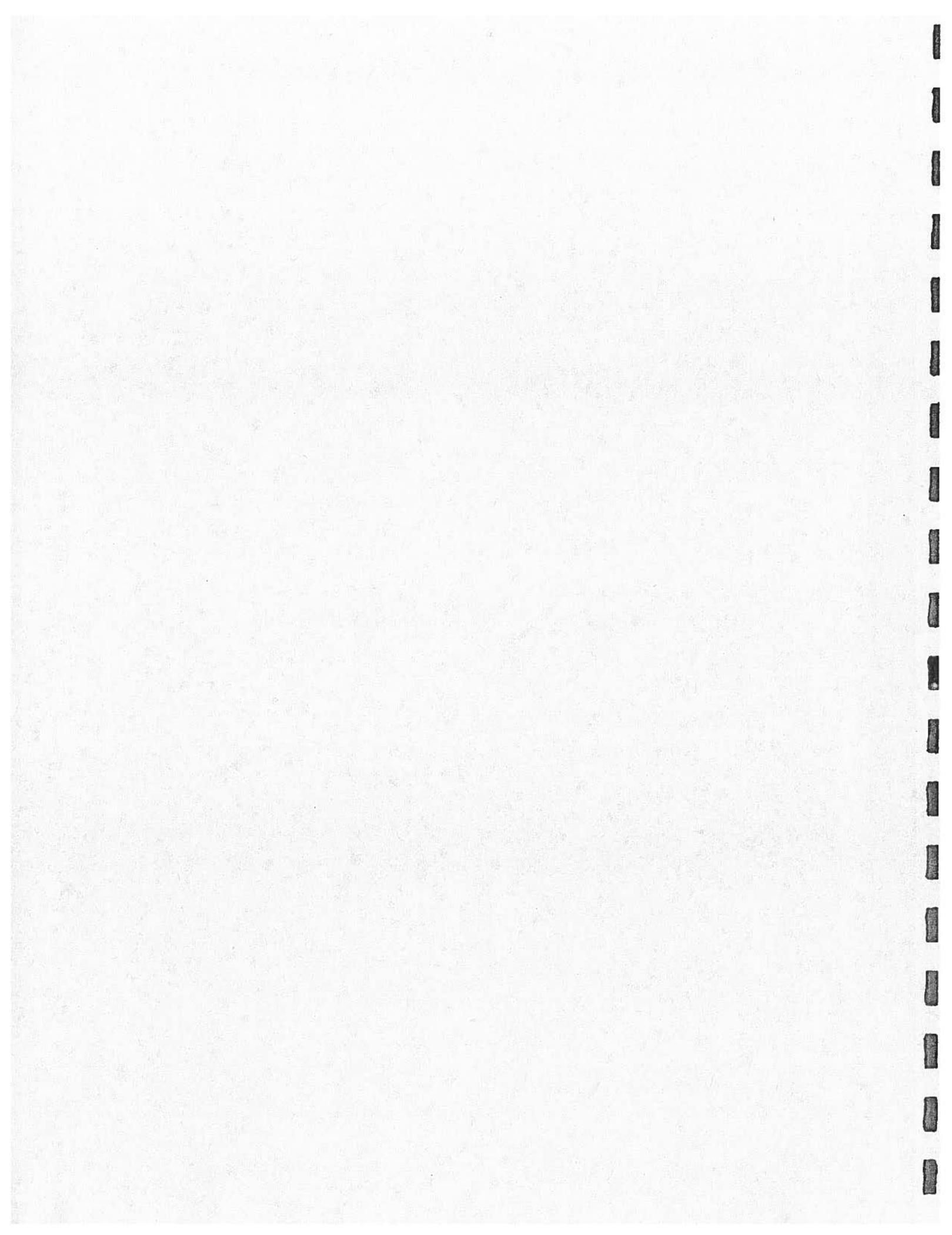
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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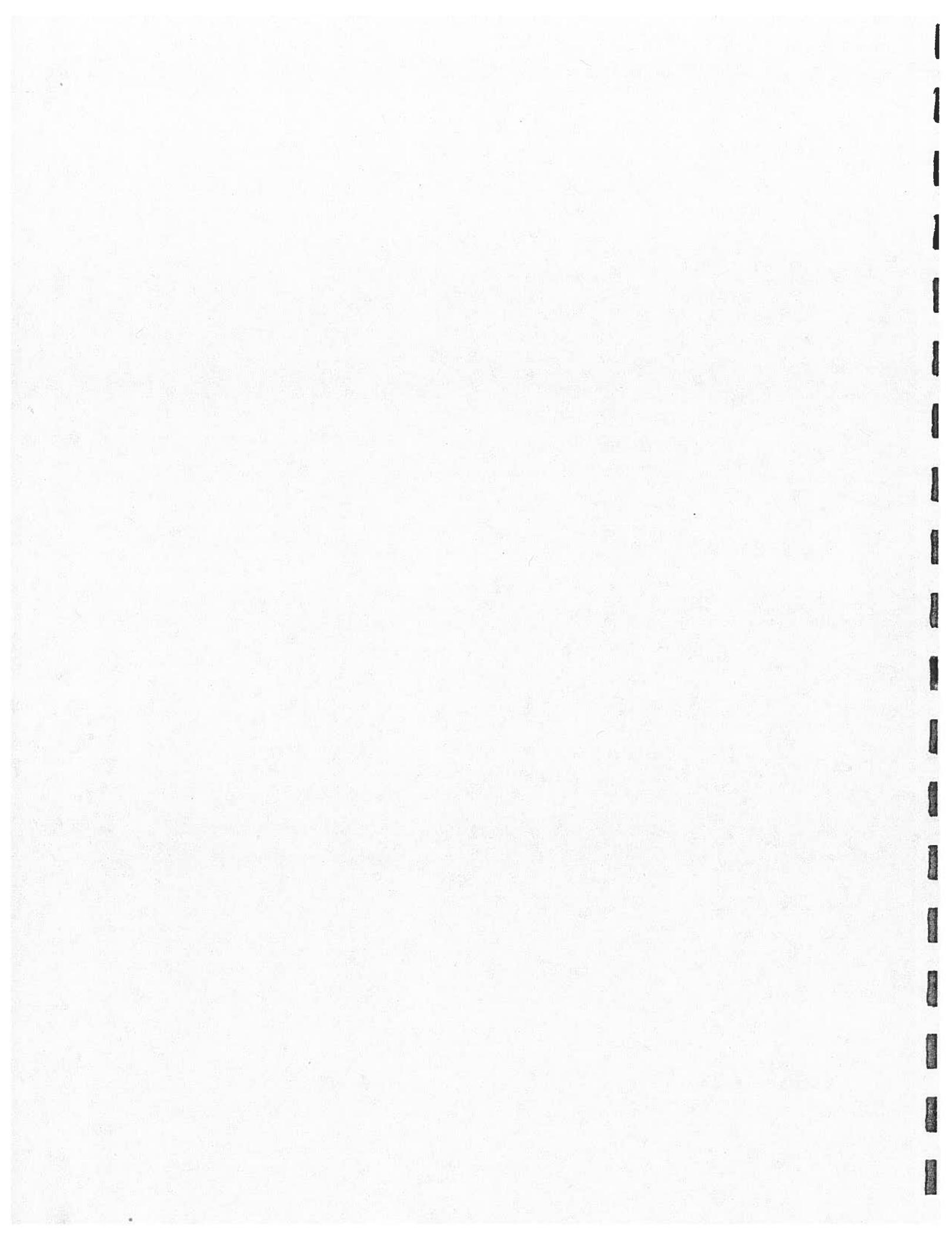
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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1
AREA	ALA MOANA WASTEWATER PUMP STA HANA HWY, WAIHONU STREAM HONOLULU, HI 96813 EDR ID #1008172148 EPA #110020725410
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	YES - p4
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1



SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in EPA's Index system

DATABASE: Facility Index System (FINDS)

ALA MOANA WASTEWATER PUMP STA
HANA HWY, WAIOHONU STREAM
HONOLULU, HI 96813
EDR ID #1008172148

This site is listed in the Federal FINDS database. The FINDS database may contain references to records from government databases included elsewhere in the report.

Please note: the FINDS database may also contain references to out of date records formerly associated with the site.

Registry ID: 110020725410
Facility Name: ALA MOANA WASTEWATER PUMP STA
Facility Address: HANA HWY, WAIOHONU STREAM
HONOLULU, HI 968135407
Facility County: HONOLULU
EPA Region: 09
Fed. Gov. Facility: No
Indian Tribal Land: No
EPA Records Indicate Facility is Listed in

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Prg. Sys. ID: HIF000937
Supplemental Interest: Not reported
Facility SIC Codes: 9999
Facility NAICS Codes: Not reported

Alternative name: ALA MOANA WASTEWATER PUMP STA
Alternative name: WAIOHONU BRIDGE REPLACEMENT

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

WASTE MANAGEMENT

RCRA: Resource Conservation and Recovery Act Information

Source: EPA
Telephone: 800-424-9346

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/27/2007
Date of Next Scheduled Update: 04/16/2007

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

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: 12/31/2003
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/06/2007
Date of Next Scheduled Update: 06/11/2007

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

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

Date of Government Version: 04/17/1995
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/05/2007
Date of Next Scheduled Update: 06/04/2007

CORRACTS: Corrective Action Report

Source: EPA
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/2007
Date of Next Scheduled Update: 06/04/2007

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-566-0500

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: 10/17/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 03/02/2007
Date of Next Scheduled Update: 05/07/2007

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

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: 01/11/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007
Date of Next Scheduled Update: 04/02/2007

HI UST: Underground Storage Tank Database

Source: Department of Health
Telephone: 808-586-4228

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: 01/30/2007
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/13/2007
Date of Next Scheduled Update: 03/26/2007

HI LUST: Leaking Underground Storage Tank Database

Source: Department of Health
Telephone: 808-586-4228

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: 01/30/2007
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/13/2007
Date of Next Scheduled Update: 03/26/2007

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342

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

Date of Government Version: 12/31/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 01/24/2007
Date of Next Scheduled Update: 04/23/2007

HMIRS: Hazardous Materials information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4555

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

Date of Government Version: 11/28/2006
Database Release Frequency: Annually

Date of Last EDR Contact: 01/17/2007
Date of Next Scheduled Update: 04/16/2007

WASTE DISPOSAL

NPL: National Priority List

Source: EPA
Telephone: Not reported

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: 01/25/2007
Date Made Active at EDR: 03/12/2007
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007
Elapsed ASTM Days: 40
Date of Last EDR Contact: 01/31/2007

Proposed NPL: Proposed National Priority List Sites

Source: EPA
Telephone: Not reported

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: 09/27/2006
Date Made Active at EDR: 11/22/2006
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/2006
Elapsed ASTM Days: 21
Date of Last EDR Contact: 02/23/2007

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

DELISTED NPL: National Priority List Deletions

Source: EPA

Telephone: Not reported

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: 12/28/2006

Date Made Active at EDR: 03/12/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/2007

Elapsed ASTM Days: 40

Date of Last EDR Contact: 01/31/2007

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

Source: EPA

Telephone: 703-603-8960

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: 11/28/2006

Date Made Active at EDR: 01/29/2007

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/19/2006

Elapsed ASTM Days: 41

Date of Last EDR Contact: 03/21/2007

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-603-8960

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: 12/20/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007

Date of Next Scheduled Update: 06/18/2007

ROD: Records Of Decision

Source: EPA

Telephone: 703-416-0223

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: 01/10/2007

Database Release Frequency: Annually

Date of Last EDR Contact: 01/22/2007

Date of Next Scheduled Update: 04/02/2007

NPL RECOVERY: Federal Superfund Liens

Source: EPA

Telephone: 202-564-4267

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

Date of Government Version: 10/15/1991

Date Made Active at EDR: 03/30/1994

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 02/02/1994

Elapsed ASTM Days: 56

Date of Last EDR Contact: 02/19/2007

HI SHWS: Sites List

Source: Department of Health

Telephone: 808-586-4249

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: 07/24/2006

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/23/2007

Date of Next Scheduled Update: 06/18/2007

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

HI SWF/LF: Permitted Landfills in the State of Hawaii

Source: Department of Health
Telephone: 808-586-4245

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
Database Release Frequency: Varies

Date of Last EDR Contact: 02/08/2007
Date of Next Scheduled Update: 04/23/2007

MULTIMEDIA

TRIS: Toxic Chemical Release Inventory System

Source: EPA
Telephone: 202-566-0250

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: 12/31/2004
Database Release Frequency: Annually

Date of Last EDR Contact: 03/20/2007
Date of Next Scheduled Update: 06/18/2007

SSTS: Section 7 Tracking Systems

Source: EPA
Telephone: 202-564-4203

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: 12/31/2004
Database Release Frequency: Annually

Date of Last EDR Contact: 01/29/2007
Date of Next Scheduled Update: 04/16/2007

TSCA: Toxic Substances Control Act

Source: EPA
Telephone: 202-260-5521

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
Database Release Frequency: N/A

Date of Last EDR Contact: 01/15/2007
Date of Next Scheduled Update: 04/16/2007

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

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: 10/19/2006
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007
Date of Next Scheduled Update: 06/18/2007

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

Source: EPA
Telephone: 202-566-1667

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

Date of Government Version: 10/19/2006
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/2007
Date of Next Scheduled Update: 06/18/2007

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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FINDS: Facility Index System/Facility Registry System

Source: EPA

Telephone: Not reported

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: 01/18/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007
Date of Next Scheduled Update: 04/02/2007

RMP: Risk Management Plans

Source: Environmental Protection Agency

Telephone: 202-564-8600

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g. the fire department) should an accident occur.

Date of Government Version: 11/01/2006
Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007
Date of Next Scheduled Update: 05/21/2007

STORMWATER: Storm Water General Permits

Source: Environmental Protection Agency

Telephone: 202-564-0746

A listing of all facilities with Storm Water General Permits.

Date of Government Version: 06/02/2005
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/2007
Date of Next Scheduled Update: 04/02/2007

US ENG CONTROLS: Engineering Controls Sites List

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 10/18/2006
Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2007
Date of Next Scheduled Update: 04/02/2007

US INST CONTROL: Sites with Institutional Controls

Source: Environmental Protection Agency

Telephone: 703-603-8905

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: 01/24/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 01/02/2007
Date of Next Scheduled Update: 04/02/2007

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 1

Telephone: 617-918-1313

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006
Database Release Frequency: Varies

Date of Last EDR Contact: 02/19/2007
Date of Next Scheduled Update: 05/21/2007

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

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RADINFO: Radiation Information Database

Source: Environmental Protection Agency
Telephone: 202-343-9775

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: 01/30/2007
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/2007
Date of Next Scheduled Update: 04/30/2007

LUCIS: Land Use Control Information System

Source: Department of the Navy
Telephone: 843-820-7326

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
Database Release Frequency: Varies

Date of Last EDR Contact: 03/12/2007
Date of Next Scheduled Update: 06/11/2007

CDL: Clandestine Drug Labs

Source: Drug Enforcement Administration
Telephone: 202-307-1000

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: 12/01/2006
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/08/2007
Date of Next Scheduled Update: 03/26/2007

HI SPILLS: Release Notifications

Source: Department of Health
Telephone: 808-586-4249

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

Date of Government Version: 07/24/2006
Database Release Frequency: Varies

Date of Last EDR Contact: 03/23/2007
Date of Next Scheduled Update: 06/18/2007

HI INST CONTROL: Sites with Institutional Controls

Source: Department of Health
Telephone: 808-586-4249

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

Date of Government Version: 07/24/2006
Database Release Frequency: Varies

Date of Last EDR Contact: 03/23/2007
Date of Next Scheduled Update: 06/18/2007

HI VCP: Voluntary Response Program Sites

Source: Department of Health
Telephone: 808-586-4249

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: 07/24/2006
Database Release Frequency: Varies

Date of Last EDR Contact: 03/23/2007
Date of Next Scheduled Update: 06/18/2007

HI DRYCLEANERS: Permitted Drycleaner Facility Listing

Source: Department of Health
Telephone: 808-586-4200

A listing of permitted drycleaner facilities in the state.

Date of Government Version: 02/14/2007
Database Release Frequency: Varies

Date of Last EDR Contact: 02/12/2007
Date of Next Scheduled Update: 04/30/2007

SECTION 3: DATABASES SEARCHED AND UPDATE DATES

...Continued...

HI BROWNFIELDS: Brownfields Sites

Source: Department of Health

Telephone: 808-586-4249

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: 07/24/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 03/23/2007

Date of Next Scheduled Update: 06/18/2007

HI AIRS: List of Permitted Facilities

Source: Department of Health

Telephone: 808-586-4200

A listing of permitted facilities in the state.

Date of Government Version: 09/07/2006

Database Release Frequency: Varies

Date of Last EDR Contact: 02/12/2007

Date of Next Scheduled Update: 04/30/2007

POTENTIAL SUPERFUND LIABILITY

PRP: Potentially Responsible Parties

Source: EPA

Telephone: 202-564-6064

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/07/2006

Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/22/2007

Date of Next Scheduled Update: 04/02/2007

APPENDIX V

QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

PROFESSIONAL QUALIFICATIONS

Name: Sharla M. Horiuchi

Title: Environmental Scientist

Education: BS, Chemistry, University of Hawaii at Manoa, 2000

Training: OSHA 40 Hour HAZWOPER
DOT Hazardous Materials Handling

Experience: EnviroServices & Training Center, LLC, Environmental Chemist, 2000 to Present.
University of Hawaii, Chemistry Department, Graduate Research Assistant, 2000.

Ms. Horiuchi's primary responsibilities are conducting Phase I and II environmental site assessments. She is also the lead person to conduct data QA/QC/validation/reduction. Ms. Horiuchi possesses experience in operating global positioning system (GPS) instrumentation and conducting hazardous materials inventories/classifications/segregations/compatibility determinations.

PAST PROJECT EXPERIENCE

Industrial Wastewater Discharge Permitting (IWDP), Environmental Scientist. Ms. Horiuchi acquired an IWDP which authorized the facility to discharge industrial wastewater into the City and County of Honolulu's publicly owned treatment works (POTW) under Chapter 14 of the Revised Ordinances of Honolulu.

Underground Injection Control (UIC) Permitting, Environmental Scientist. Ms. Horiuchi acquired a UIC permit for two dry wells located at a car rental facility in Kona, Hawaii. Work included investigation and application procedures required by the Hawaii Department of Health-Safe Drinking Water Branch.

Hazardous Materials Inventory, Environmental Chemist. Ms. Horiuchi conducted a hazardous materials survey at over sixty (60) public intermediate and high schools on the islands of Oahu, Kauai, Maui, Molokai, Lanai and Hawaii. Work included identification and categorizing of over 30,000 hazardous materials, conducting photographic documentation, and determining NFPA labeling requirements for classroom storage areas potentially containing hazardous materials.

Household Hazardous Waste (HHW) Collection, Environmental Scientist. Ms. Horiuchi assisted with the collection of HHW in Lahaina, Wailuku, Hilo, and Kona. Tasks included identification, packaging, labeling, transportation and disposition of HHW in accordance with OSHA, EPA, and DOT protocol.

Phase I Environmental Site Assessments on the Islands of Oahu and Maui, Environmental Scientist. Ms. Horiuchi conducted environmental site assessments in accordance with generally accepted Phase I industry protocol as described in the ASTM E-1527 standard as part of a large federal government contract. Work sites included industrial, agricultural, condemned and residential land ranging from small properties (less than 2.0 acres) to larger properties (greater than 300.0 acres).

Phase II Environmental Site Assessment; GPS Team Leader. Ms. Horiuchi utilized Global Positioning System (GPS) and Geographical Information Systems (GIS) Operations and Applications to locate and mark a 30 feet by 30 feet grid over a 40 acre site in Waipahu. The site was the subject of a lead contamination investigation under the Hawaii Voluntary Response Program. She utilized Trimble Navigation's mapping products, including GPS receivers, data collectors, and software.

Phase II Environmental Site Assessment, Environmental Scientist. Ms. Horiuchi conducted boring activities via direct push technology as part of a Phase II environmental site assessment at a site in Honolulu, Hawaii. Soil samples were screened with a photoionization detector for volatile organic compounds, and submitted to a laboratory for petroleum content. Additionally, Ms. Horiuchi assisted in the installation of several groundwater monitoring wells on and around a car wash facility, as well as performing soil and groundwater sampling.

Hazardous Waste Characterization and/or Disposal, Environmental Scientist. Ms. Horiuchi assisted in the disposal of various chemicals and hazardous wastes at an abandoned laboratory in Waimanalo, Oahu. Additional sites included several public intermediate and high schools. Tasks included identification, packaging, labeling, transportation and disposition of hazardous waste in accordance with OSHA, EPA, DOT, and local regulations.

Asbestos Air-Monitoring, City and County – Department of Agriculture, Environmental Scientist. Ms. Horiuchi assisted and/or conducted air monitoring using low volume sampling pumps during asbestos abatement activities.

Laboratory Studies, Research Assistant. Ms. Horiuchi conducted studies of protein conformational dynamics through photothermal methods and purified horse heart myoglobin within thin layered polymer slides and organic solvents. Lab experience also included utilization of Gas Chromatography (GC) -Mass Spectrometry (MS), High Performance Liquid Chromatography (HPLC), Nuclear Magnetic Resonance (NMR), Infrared (IR) spectrometry, and Ultraviolet/Visible (UV-VIS) Spectrometer.